

# **IDEMCO**

# 2023/24 GENERAL CATALOGUE

## **Product Category**





24 Hammer Drill - Steel, Wood & Masonary



Metal Cutting

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65 Sawing

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73 Planing & Routering

76 Sanding & Polisher

80 Dust Extraction

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HM0810TA/B43HM0870C43HM0870C/B43HM0870C/B43HM1205C44HM1213C44HM1214C/B44HM130644HM1306/B44HM150144HM151144HM1812/B44HM1812/B44HM050/RDU1/RD2J/GZ26GD201(RD2J)/GZ26HP003QQD1(RD2J)/GZ26HP030Q26HP1630/B26HP207026HP207026HP33DDXE25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ37GD201(RD2J)/GZ37HR003GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ39HR140J39HR2300/B400HR2300/B400HR2600400HR2600/HR26/GZ410HR2600/HR26/GZ410HR2600/HR26/GZ410HR2600/HR26/GZ410HR2600/HR26/GZ410HR2600/HR26/GZ410HR2600/HR26/GZ411HR2600/HR26/GZ411HR2601/HR26/GZ411HR403C/HR </td <td>HM0810A</td> <td></td>	HM0810A	
HM0870C43HM0870C/B43HM0871C43HM1205C44HM1213C44HM1214C/B44HM130644HM1306/B44HM150144HM151144HM1812/B44HM1812/B44HM1812/B44HM0501(RD2J)/GZ26GD201(RD2J)/GZ26HP002GD201(RD2J)/GZ26HP030026HP1630/B26HP205026HP205026HP33DDXE25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HR001GM201(RM2J)/GZ37GD201(RD2J)/GZ37GD201(RD2J)/GZ37HR003GM201(RM2J)/GZ36HR003GM201(RM2J)/GZ36HR004GM201(RM2J)/GZ36HR005GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ36HR003GM201(RM2K)/GZ NEW36HR003GM201(RM2K)/GZ NEW36HR16DSAE1/DZ39HR140J39HR2300/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400 <td>HM0810TA</td> <td></td>	HM0810TA	
HM0870C/B43HM0871C43HM1205C444HM1213C444HM1214C/B444HM1306/B444HM1306/B444HM1501444HM1511444HM1812/B444HM1812/B444HM1812/B444HM1812/B444HM0300(IRM2J)/GZ26GQ201(RD2J)/GZ26HP002GD201(RD2J)/GZ26HP030026HP1630/B26HP205026HP33DDXE25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HR001GM201(RM2J)/GZ37GD201(RD2J)/GZ37GD201(RD2J)/GZ37HR003GM201(RM2J)/GZ36HR004GM201(RM2J)/GZ36HR005GM201(RM2J)/GZ37GD201(RD2J)/GZ37HR004GM201(RM2J)/GZ36HR005GM201(RM2J)/GZ37HR003GM201(RM2J)/GZ36HR004GM201(RM2J)/GZ36HR005GM201(RM2J)/GZ39HR140J39HR2300/B400HR2300/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B <td>HM0810TA/B</td> <td></td>	HM0810TA/B	
HM0871C43HM1205C444HM1205C444HM1214C/B444HM1214C/B444HM1306/B444HM1306/B444HM1501444HM1511444HM1512444HM1812/B444HM1812/B444HO01GM201(RM2J) / GZ24GQ201(RD2J) / GZ26HP002GD201(RD2J) / GZ26HP030026HP1630/B26HP1630/B26HP205026HP33DDXE / DZ25HP33DSAE / DWYE / DWYX3 / CZ25HP33DSAE / DWYE / DWYX3 / CZ25HP001GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR003GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR003GM201(RM2J) / GZ36HR003GM201(RM2J) / GZ36HR003GM201(RM2J) / GZ36HR003GM201(RM2J) / GZ37HR003GM201(RM2J) / GZ37HR003GM201(RM2J) / GZ36HR003GM201(RM2J) / GZ36HR003GM201(RM2K) / GZ NEW36HR003GM201(RM2K) / GZ NEW36HR003GM201(RM2K) / GZ NEW36HR16DSAE1 / DZ39HR1260/B400HR260/B400HR260/B400HR260/B400HR260/B400HR260/C411HR260/C411HR260/C411HR260/C411HR260/C411HR260/C <t< td=""><td>HM0870C</td><td></td></t<>	HM0870C	
HM1205C444HM1205C444HM1214C444HM1214C/B444HM1306444HM1306/B444HM1301444HM1501444HM1511444HM1812/B444HM1812/B444HM016M201(RM2J) / GZ24GD201(RD2J) / GZ26HP002GD201(RD2J) / GZ26HP030026HP1630/B26HP1630/B26HP205026HP33DSAE / DZY25HP33DSAE / DYYE / DWYX3 / C25HP33DSAE / DYYE / DWYX3 / C25HP001GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR003GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR003GM201(RM2J) / GZ36HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR006GZ(K)36HR006GZ(K)36HR003GM201(RM2K) / GZ NEW36HR003GM201(RM2K) / GZ NEW36HR003GM201(RM2K) / GZ NEW36HR003GM201(RM2K) / GZ NEW36HR16DSAE1 / DZ39HR16DSAE1 / DZ39HR2600400HR2600/HR260400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B40		
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HM1214C44HM1214C/B44HM1306/B44HM1306/B44HM130144HM150144HM151144HM1812/B44HM1812/B44HM001GM201(RM2J) / GZ24GD201(RD2J) / GZ26HP002GD201(RD2J) / GZ26HP030026HP1630/B26HP205026HP33DXE / DZ25HP33DXE / DZ25HP33DXE / DZ25HP001GM201(RM2J) / GZ27HP001GM201(RM2J) / GZ37GD201(RD2J) / GZ37GD201(RD2J) / GZ37HP003GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR003GM201(RM2J) / GZ36HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ37HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ39HR140J39HR14003C400HR2300/B400HR2300/B400HR2600400HR2600400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400H		
HM1214C/B44HM1306/B444HM1306/B444HM1306/B444HM1501444HM1511444HM1511444HM1812/B444HM1812/B444HP001GM201(RM2J) / GZ24GD201(RD2J) / GZ26HP002GD201(RD2J) / GZ26HP030026HP1630/B26HP205026HP33DXE / DZYE / DWYX3 / DZ25HP33DXE / DZYE / DWYX3 / DZ25HP33DXAE / DWYE / DWYX3 / DZ25HP001GM201(RM2J) / GZ37GD201(RD2J) / GZ37HP002GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR003GM201(RM2J) / GZ36HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR16DSAE1 / DZ39HR140J39HR2300/B400HR2600400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B400HR2600/B		
HM1306444HM1306/B444HM1306/B444HM1301444HM1501444HM1511444HM1812444HM1812/B444HM01GM201(RM2J) / GZ24GD201(RD2J) / GZ25HP002GD201(RD2J) / GZ26HP163026HP163026HP205026HP330DWE25HP330DWE25HP330DWE25HP330DXE / DZ25HP330DXE / DZ25HP330DXE / DZ25HR001GM201(RM2J) / GZ37HR002GM201(RM2J) / GZ37HR003GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR006GZ(K)36HR005GM201(RM2J) / GZ39HR160DSAE1 / DZ39HR160DSAE1 / DZ39HR2300/B40HR20040HR2300/B40HR2603/B40HR2603/B40HR2603/B40HR2603/B40HR2603/B40HR2603/B40HR2603/B40HR2603/B40HR2603/B40HR2603/B40HR2603/B41HR3011CJ41HR301CL41HR301CJ41HR403CC/B41HR403CL41HR403CL41HR403CL41HR403CL<	HM1214C/B	
HM1306/B44HM1306/B444HM1501444HM1511444HM1812444HM1812/B444HM001GM201(RM2J) / GZ24GD201(RD2J) / GZ26HP0030026HP163026HP1630/B26HP205026HP330DWE25HP330DME25HP332DSAE / DZ25HP003GQU1(RM2J) / GZ27HP003GQU1(RM2J) / GZ27HP332DSAE / DZ25HR001GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR002GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR003GM201(RM2J) / GZ36HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ39HR16DSAE1 / DZ39HR16DSAE1 / DZ39HR2300/B40HR2300/B40HR2470X5/B40HR260040HR2630/B40HR2630/B40HR2630/B40HR2630/B40HR2630/B40HR2630/B40HR261/CJ41HR301LCJ41HR301CJ41HR301CJ41HR301CJ41HR403CCB41HR403CCB41HR403CCB41HR403CCB41HR403CCB41HR403CCB41HR403CCB	HM1306	
HM151144HM151144HM181244HM1812/B44HM001GM201(RM2J) / GZ24GD201(RD2J) / GZ24GA201(SA2J) / GZ26HP030026HP163026HP1630/B26HP205026HP207025HP33DDXE / DZ25HP33DDXE / DZ25HP33DDXE / DZ25HP33DDXE / DZ27HP33DDXE / DZ37HP4800225HR001GM201(RM2J) / GZ37HR002GM201(RM2J) / GZ37HR003GM201(RM2J) / GZ37HR004GM201(RM2J) / GZ37HR005GM201(RM2J) / GZ37HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ37HR005GM201(RM2J) / GZ36HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ39HR16DSAE1 / DZ39HR16DSAE1 / DZ39HR20040HR200/B40HR200/B40HR200/B40HR260040HR2600/B40HR2600/B40HR2600/B40HR2600/B40HR2600/B40HR2600/B40HR2600/B40HR2600/B40HR260/C41HR3001LC41HR3001CJ41HR3001CJ41HR403CCB41HR403CCB41 <tr< td=""><td>HM1306/B</td><td>44</td></tr<>	HM1306/B	44
HM1812A44HM1812/B444HM1812/B444HP001GM201(RM2J)/GZ24GD201(RD2J)/GZ24HP003GD201(RD2J)/GZ26HP163026HP163026HP1630/B26HP205026HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HP33DSAE/DZ25HR001GM20(RM2J)/GZ37GD201(RD2)/GZ37HR003GM20(RM2J)/GZ37GD201(RD2J)/GZ36HR005GM20(RM2J)/GZ36HR005GM20(RM2J)/GZ36HR005GM20(RM2J)/GZ36HR005GM20(RM2J)/GZ36HR005GM20(RM2J)/GZ36HR005GM20(RM2J)/GZ36HR005GM20(RM2J)/GZ36HR005GM20(RM2J)/GZ36HR005GM20(RM2J)/GZ36HR005GM20(RM2J)/GZ36HR164DJ39HR164DJ39HR12300/B400HR2470X5/B400HR2470X5/B400HR2630X3400HR2630X3400HR2630X3400HR2630X3400HR2630C411HR3001CJ411HR3001CJ411HR403C411HR403CCB411HR403CCB411HR403CCB411HR502CCB411HR502CCB411HR503CM201(RM2)/GZ <td< td=""><td>HM1501</td><td>44</td></td<>	HM1501	44
H11812/B         44           H11812/B         44           HP001GM201(RM2J)/GZ         24           GD201(RD2J)/GZ         24           HP002GD201 (RD2J)/GZ         26           HP00300         26           HP1630         26           HP1630/B         26           HP2050         26           HP330DWE         25           HP333DSAE / DZ         25           HP333DSAE / DZ         25           HP333DSAE / DZ         37           GD201 (RD2) / GZ         37           HR001 GM201 (RM2J) / GZ         37           HR002 GM201 (RM2J) / GZ         37           HR003 GM201 (RM2J) / GZ         37           HR004 GM201 (RM2J) / GZ         36           HR004 GM201 (RM2J) / GZ         36           HR004 GM201 (RM2J) / GZ         37           HR004 GM201 (RM2J) / GZ         37           HR004 GM201 (RM2J) / GZ         36           HR160 J         39           HR160 J         40           HR160 J         40	HM1511	44
HP001GM201(RM2J) / GZ24GD201(RD2J) / GZ24GA201(SA2J) / GZ26HP030026HP163026HP1630/B26HP205026HP207026HP330DWE25HP330DXE / DZ25HP330DXE / DZ25HP330DXE / DZ25HP330DXE / DZ37GD201(RD2) / GZ37HR001GM201(RM2J) / GZ37GD201(RD2) / GZ37HR003GM201(RM2J) / GZ37GD201(RD2) / GZ37HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR006GZ(K)36HR006GZ(K)36HR006GZ(K)36HR006GZ(K)36HR003GM201(RM2J) / GZ39HR1640J39HR1640J39HR1640J39HR2300/B400HR2470X5/B400HR2470X5/B400HR2470X5/B400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3400HR2630/3401HR2630/3401	HM1812	44
GD201(RD2J) / GZ24HP002GD201(RD2J) / GZ26HP030026HP163026HP1630/B26HP205026HP207026HP330DWE25HP330DXE / DZ25HP330DXE / DZ25HP330DXE / DZ25HP330DXE / DZ25HP330DXE / DZ37GD201(RD2) / GZ37HR001GM201(RM2J) / GZ37GD201(RD2) / GZ37HR003GM201(RM2J) / GZ37GD201(RD2) / GZ37HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR006GZ(K)36HR006GZ(K)36HR006GZ(K)36HR003GM201(RM2J) / GZ39HR1640J39HR1640J39HR1840J39HR2300/B400HR2470X5/B400HR2470X5/B400HR2470X5/B400HR2470X5/B400HR2630/B400HR2630/S400HR2630/S400HR2630/S400HR2630/S400HR2630/S400HR2630/S400HR2630/S400HR2630/S400HR2630/S400HR2630/S400HR2630/S400HR2630/S400HR2630/S400HR2630/S400HR2630/S401HR2630/S401HR2630/S401HR2630/S401 </td <td>HM1812/B</td> <td>44</td>	HM1812/B	44
HP002GD201(RD2J) / GZ24GA201(SA2J) / GZ26HP030026HP163026HP1630/B26HP205026HP207026HP330DWE25HP330DXE / DZ25HP330DAE / DZ25HP330DAE / DZ25HP330DAE / DZ37GD201(RD2) / GZ37HR002GM201(RM2J) / GZ37HR003GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR006GZ(K)36HR006GZ(K)36HR006GZ(K)36HR003GM201(RM2K) / GZ NEW36HR003GM201(RM2K) / GZ NEW36HR166DSAE1 / DZ39HR1840J39HR2300/B400HR2300/B400HR2470X5/B400HR2470X5/B400HR2470X5/B400HR2630X3400HR2630X3400HR2630X3400HR2630X3400HR2630X3400HR2630X3400HR2630X3400HR2630X3400HR2630X3400HR2630X3401HR403C411HR403C411HR403C411HR403C/B411HR403C/B411HR502CC/B411HR5030K201(RM2) /GZ69	HP001GM201(RM2J) /	24
GA201(SA2J)/GZImage of the sector	GD201(RD2J) / GZ	
HP0300         26           HP1630         26           HP1630/B         26           HP2050         26           HP2050         26           HP330DWE         25           HP333DSAE / DZ         25           HP333DSAE / DZ         25           HP333DSAE / DWYE / DWYX3 /         25           DYEX4 / DZ         25           HP332DSAE / DZ         25           HR001GM201(RM2J) / GZ         37           GD201(RD2J) / GZ         37           HR003GM201(RM2J) / GZ         37           HR004GM201(RM2J) / GZ         37           HR005GM201(RM2J) / GZ         37           HR004GM201(RM2J) / GZ         37           HR004GM201(RM2J) / GZ         36           HR006GZ(K)         36           HR006GZ(K)         36           HR006GZ(K)         36           HR166DSAE1 / DZ         39           HR1840J         39           HR2300/B         400           HR2470XS/B         400           HR2470XS         400           HR2630/B         400           HR2630/B         400           HR2630/B         400           HR		24
HP 163026HP 1630/B26HP 205026HP 207026HP 330DWE25HP 330DWE25HP 330DAE / DZ25HP 330DAE / DZ25HP 330DAE / DZ37DYEX4 / DZ37GD 201 (RD 2) / GZ37HR003GM201 (RM 2) / GZ37HR004GM201 (RM 2) / GZ37HR005GM201 (RM 2) / GZ37HR004GM201 (RM 2) / GZ36HR005GM201 (RM 2) / GZ36HR006GZ(K)36HR006GZ(K)36HR006GZ(K)36HR006GZ(K)36HR006GZ(K)36HR006GZ(K)36HR005GM201 (RM 2K) / GZ NEW36HR166DSAE1 / DZ39HR1840J39HR2300/B400HR2300/B400HR2470X5/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/C411HR3001CJ411HR3001CJ411HR403C411HR403C411HR403C411 </td <td></td> <td>24</td>		24
HP1630/B26HP205026HP207026HP330DWE25HP332DSAE / DZ25HP333DSAE / DWYE / DWYX3 / DZ25DYEX4 / DZ37GD201RD2037GD201(RD20) / GZ37HR003GM201(RM20) / GZ37HR004GM201(RM20) / GZ37HR005GM201(RM20) / GZ37HR005GM201(RM20) / GZ36HR004GM201(RM20) / GZ36HR005GM201(RM20) / GZ36HR005GM201(RM20) / GZ36HR006GZ(K)36HR006GZ(K)36HR005GM201(RM2K) / GZ NEW36HR005GM201(RM2K) / GZ NEW36HR16DSAE1 / DZ39HR1840J39HR2300/B400HR2470X5/B400HR2470X5/B400HR2630/C411HR3001CJ411HR3001CJ411HR403CC411HR403CC41<		
HP205026HP205026HP30DWE25HP33DDXE / DZ25HP33DDAE / DZ25DYEX4 / DZ25DYEX4 / DZ37GD201(RD2J) / GZ37HR003GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ37HR005GM201(RM2J) / GZ36HR006GZ(K)36HR006GZ(K)36HR005GM201(RM2K) / GZ / NEW36HR006GZ(K)36HR003GM201(RM2K) / GZ / NEW36HR005GM201(RM2K) / GZ / NEW36HR005GM201(RM2K) / GZ / NEW36HR005GM201(RM2K) / GZ / NEW36HR16D5AE1 / DZ39HR1840J39HR2300/B400HR2470X5/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/C411HR3001CJ411HR3001CJ411HR3001CJ411HR403C411HR403CCB411HR403CCB411HR403CCB411HR502CCB411HR503CL(RM2) / GZ69		
HP207026HP330DWE25HP332DSAE / DZ25HP332DSAE / DWYE / DWYX3 / DYEX4 / DZ25DYEX4 / DZ25DYEX4 / DZ37GD201(RD2J) / GZ37HR003GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ37HR005GM201(RM2J) / GZ36HR006GZ(K)36HR006GZ(K)36HR005GM201(RM2K) / GZ NEW36HR006GZ(K)39HR146DJ39HR2300/B400HR2470X5/B400HR2630/C411HR3001CJ411HR3001CJ411HR403CC411HR403CC411HR403CC/B <t< td=""><td></td><td></td></t<>		
HP330DWE25HP332DSAE / DZ25HP332DSAE / DWYE / DWYX3 / DYEX4 / DZ25DYEX4 / DZ25DYEX4 / DZ37GD201(RD2J) / GZ37HR003GM201(RM2J) / GZ37GD201(RD2J) / GZ37HR004GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ37HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ37HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR005GM201(RM2J) / GZ36HR003GM201(RM2J) / GZ39HR146DJ39HR146DJ39HR2300/B400HR2300/B400HR2470X5/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/B400HR2630/C411HR3001CJ411HR3001CJ411HR3001CJ411HR403C411HR403CCB411HR403CCB411HR403CCB411HR502CC/B411HR503CL(RM2) / GZ69	HP2070	
HP333DSAE / DWYE / DWYX3 / D2         25           HP488D002         25           HR001GM201(RM2J) / GZ         37           GD201(RD2J) / GZ         37           HR003GM201(RM2J) / GZ         37           GD201(RD2J) / GZ         37           HR004GM201(RM2J) / GZ         37           HR004GM201(RM2J) / GZ         37           HR004GM201(RM2J) / GZ         36           HR004GM201(RM2J) / GZ         36           HR006GZ(K)         36           HR007GM201(RM2K) / GZ NEW         36           HR16DSAE1 / DZ         39           HR2300/B         40           HR2300/B         40           HR2300/B         40           HR2630/B         40 <t< td=""><td>HP330DWE</td><td></td></t<>	HP330DWE	
DYEX4 / DZImage: Dress of the sector of the sec	HP332DSAE / DZ	
HP488D002         25           HR001GM201(RM2J) / GZ         37           GD201(RD2J) / GZ         37           HR003GM201(RM2J) / GZ         37           GD201(RD2J) / GZ         37           GD201(RD2J) / GZ         37           GD201(RD2J) / GZ         37           HR004GM201(RM2J) / GZ         36           HR005GM201(RM2J) / GZ         36           HR006GZ(K)         36           HR007GM201(RM2K) / GZ NEW         36           HR16D5AE1 / DZ         39           HR2300/B         40           HR2300/B         40           HR2300/B         40           HR2600/B         40           HR2630/B         40           HR2630/B         40           HR2630/B         40           HR2630/B         40           HR2630/C         41           HR2630/C <td>HP333DSAE / DWYE / DWYX3 /</td> <td>25</td>	HP333DSAE / DWYE / DWYX3 /	25
HR001GM201(RM2J) / GZ         37           GD201(RD2J) / GZ         37           HR003GM201(RM2J) / GZ         37           GD201(RD2J) / GZ         37           GD201(RD2J) / GZ         37           GD201(RD2J) / GZ         37           GD201(RD2J) / GZ         36           HR004GM201(RM2J) / GZ         36           HR005GM201(RM2K) / GZ NEW         36           HR006GZ(K)         36           HR007GM201(RM2K) / GZ NEW         36           HR009GM201(RM2K) / GZ NEW         36           HR16D5AE1 / DZ         39           HR12020         39           HR2300/B         40           HR2300/B         40           HR2300/B         40           HR2300/B         40           HR2600         40           HR2600         40           HR2600/B         40           HR2630/B         40           HR2630/B         40           HR2630/B         40           HR2610/B         40           HR2610/B         40           HR2610/B         40           HR2610/B         40           HR2610/C         41           HR261	DYEX4 / DZ	
GD201(RD2J) / GZ         Image: Subscript of Subscr	HP488D002	25
HR002GM201(RM2J) / GZ         37           HR003GM201(RM2J) / GZ         37           GD201(RD2J) / GZ         37           HR004GM201(RM2J) / GZ         36           HR005GM201(RM2K) / GZ(K)         36           HR006GZ(K)         36           HR007GM201(RM2K) / GZ         37           HR006GZ(K)         36           HR007GM201(RM2K) / GZ         37           HR006GZ(K)         36           HR007GM201(RM2K) / GZ         37           HR008GM201(RM2K) / GZ         37           HR009GM201(RM2K) / GZ         39           HR16D5AE1 / DZ         39           HR12600         40           HR2300/B         40           HR2470X5/B         40           HR2630/B         40           HR2610/B         40           HR2610/B         40           HR301/FCJ         41           HR3001CJ         41           HR4003C         41           <	HR001GM201(RM2J) /	37
HR003GM201 (RM2J) / GZ         37           GD201 (RD2J) / GZ         37           HR004GM201 (RM2J) / GZ         36           HR005GM201 (RM2K) / GZ (K)         36           HR006GZ(K)         36           HR007GM201 (RM2K) / GZ NEW         36           HR007GM201 (RM2K) / GZ NEW         36           HR009GM201 (RM2K) / GZ NEW         36           HR166DSAE1 / DZ         39           HR12020         39           HR2300/B         40           HR2300/B         40           HR2470X5/B         40           HR2630/B         40           HR2630/C	GD201(RD2J) / GZ	
GD201(RD2J) / GZ         Image: Subscript of Subscr	HR002GM201(RM2J) / GZ	
HR004GM201(RM2J) / GZ         37           HR004GM201(RM2K) / GZ(K)         36           HR005GM201(RM2K) / GZ         37           HR007GM201(RM2J) / GZ         37           HR007GM201(RM2K) / GZ         36           HR009GM201(RM2K) / GZ         36           HR009GM201(RM2K) / GZ         39           HR166DSAE1 / DZ         39           HR12020         39           HR2300         40           HR2300/B         40           HR2470X5         40           HR2600         40           HR2600         40           HR2630/B         41           HR3001CJ         41           HR3001CJ         41           HR4003C         41		37
HR005GM201(RM2K) / GZ(K)         36           HR006GZ(K)         36           HR007GM201(RM2J) / GZ         37           HR008GM201(RM2K) / GZ / NEW         36           HR009GM201(RM2K) / GZ / NEW         36           HR009GM201(RM2K) / GZ / NEW         36           HR166DSAE1 / DZ         39           HR166DSAE1 / DZ         39           HR12020         39           HR2300         40           HR2470X5         40           HR2600         40           HR2630/B         40           HR2630/C         40           HR2630/C         41           HR3001C/J         41           HR3001C/J         41           HR4003C/B         41           HR4003C/B         41           HR4013C         41           HR5202C/B         41           HR5202C/B         41		27
HR006GZ(K)         36           HR007GM201(RM2J) / GZ         37           HR008GM201(RM2K) / GZ / NEW         36           HR009GM201(RM2K) / GZ / NEW         36           HR166DSAE1 / DZ         39           HR166DSAE1 / DZ         39           HR1840J         39           HR2020         39           HR2020         40           HR2300/B         40           HR2470X5         40           HR2600         40           HR2630/B         40           HR3001/C         41           HR3001/C         41           HR4003C         41           HR4003C/B         41           HR4003C         41           HR5002C/B		
HR007GM201(RM2J) / GZ     37       HR008GM201(RM2K) / GZ / NEW     36       HR009GM201(RM2K) / GZ / NEW     36       HR166DSAE1 / DZ     39       HR166DSAE1 / DZ     39       HR12020     39       HR2020     39       HR2000     40       HR2300/B     40       HR2470X5     40       HR2630/B     40       HR2630/C     41       HR3001CJ     41       HR3001CJ     41       HR4003C     41       HR4003C/B     41       HR4013C     41       HR502C     41       HR5202C/B     41       HR5003GM201(RM2) / GZ     69		
HR008GM201(RM2K) / GZ NEW     36       HR009GM201(RM2K) / GZ NEW     36       HR166DSAE1 / DZ     39       HR1840J     39       HR1840J     39       HR2020     39       HR2300/B     40       HR2470X5     40       HR2600     40       HR2630/B     40       HR3001CJ     41       HR3001CJ     41       HR4003C     41       HR4003C/B     41       HR4013C     41       HR4013C     41       HR5202C/B     41       HR5203GM201(RM2) / GZ     69		
HR009GM201(RM2K)/GZ         36           HR166DSAE1/DZ         39           HR166DSAE1/DZ         39           HR1840J         39           HR2020         39           HR2020         40           HR2300/B         40           HR2470X5         40           HR2600         40           HR2630/B         40           HR2630/C         41           HR3001CJ         41           HR4003C/B         41           HR4003C/B         41           HR4013C         41           HR5202C/B         41           HR5212C         41           HS003GM201(RM2)/GZ         69	HR008GM201(RM2K) / GZ NEW	
HR166DSAE1 / DZ         39           HR1840J         39           HR2020         39           HR2020         40           HR2300/B         40           HR2470X5         40           HR2470X5/B         40           HR2630/B         40           HR3001CJ         41           HR3001CJ         41           HR4003C/B         41           HR4003C/B         41           HR4013C         41           HR5202C/B         41           HR5202C/B         41           HR5003GM201(RM2) / GZ         69	HR009GM201(RM2K) / GZ <b>NEW</b>	
HR 1840J         39           HR 2020         39           HR 2300/B         40           HR 2300/B         40           HR 2470X5         40           HR 2470X5/B         40           HR 2600         40           HR 2630/B         40           HR 2630/C         41           HR 3001C/J         41           HR 3001C/J         41           HR 4003C /B         41           HR 4003C /B         41           HR 4003C /B         41           HR 4013C         41           HR 4501C         41           HR 502C/B         41           HR 502C/B         41           HR 502C/B         41           HR 5003GM201(RM2) /GZ         69	HR166DSAE1 / DZ	
HR2300         40           HR2300/B         40           HR2470X5         40           HR2470X5/B         40           HR2600         40           HR2630/B         40           HR2610/B         40           HR3001CJ         41           HR3001CJ         41           HR4003C/B         41           HR4003C/B         41           HR4013C         41           HR5202C/B         41           HR5202C/B         41           HR5212C         41           HS003GM201(RM2) / GZ         69	HR1840J	
HR2300/B         40           HR2470X5         40           HR2470X5/B         40           HR2600         40           HR2630/B         40           HR2630/B         40           HR2630X3         40           HR2630X1         41           HR3001CJ         41           HR4003C/B         41           HR4013C         41           HR501C         41           HR502C/B         41           HR502C/B         41           HR502C/B         41           HR5012(RM2) / GZ         69	HR2020	39
HR2470X5         40           HR2470X5/B         40           HR2600         40           HR2630/B         40           HR2630/B         40           HR2630X3         40           HR3001CJ         41           HR4003C         41           HR4003C/B         41           HR4013C         41           HR502C         41           HR5202C/B         41           HR5212C         41           HS003GM201(RM2) / GZ         69	HR2300	40
HR2470X5/B         40           HR2600         40           HR2630/B         40           HR2630X3         40           HR2610         41           HR3001CJ         41           HR4003C/B         41           HR4013C         41           HR501C         41           HR5202C/B         41           HR5212C         41           HR5012(RM2) / GZ         69	HR2300/B	40
HR2600         40           HR2630/B         40           HR2630X3         40           HR2630X3         40           HR2630X3         40           HR2630X3         40           HR2630X3         40           HR2630X3         40           HR2652X3         NEW           HR2652X3         NEW           HR2652X3         NEW           HR2652X3         A0           HR2652X3         A1           HR3001CJ         41           HR4003C/B         41           HR4013C         41           HR501C         41           HR5202C/B         41           HR5202C/B         41           HR5212C         41           HS003GM201(RM2) / GZ         69	HR2470X5	
HR2630/B     40       HR2630X3     40       HR2630X3     40       HR2652X3     40       HR2652X3     40       HR2652X3     40       HR2652X3     40       HR2652X3     40       HR2810     40       HR3001CJ     41       HR3001CJ     41       HR4003C     41       HR4003C/B     41       HR4501C     41       HR5202C/B     41       HR5212C     41       HS203GM201(RM2)/GZ     69	HR2470X5/B	
HR2630X3         40           HR2632X3         40           HR2652X3         40           HR2652X3         40           HR2652X3         40           HR2652X3         40           HR2652X3         40           HR2610/B         40           HR3001CJ         41           HR3001CJ         41           HR4003C         41           HR4003C/B         41           HR4013C         41           HR502C         41           HR5202C/B         41           HR5212C         41           HS003GM201(RM2) / GZ         69	HR2600	
HR2652X3 NEW         40           HR2810         40           HR2810/B         40           HR3001CJ         41           HR3001CJ         41           HR3001CJ         41           HR3011FCJ         41           HR4003C         41           HR4003C/B         41           HR4013C         41           HR502C         41           HR5202C/B         41           HR5212C         41           HS003GM201(RM2)/GZ         69	HR2630/B	
HR2810         40           HR2810/B         40           HR3001CJ         41           HR3011FCJ         41           HR300C         41           HR4003C         41           HR4003C/B         41           HR4013C         41           HR502C         41           HR502C         41           HR5202C/B         41           HR5212C         41		
HR2810/B     40       HR3001CJ     41       HR3001CJ     41       HR3011FCJ     41       HR4003C     41       HR4003C/B     41       HR4013C     41       HR501C     41       HR502C     41       HR5202C/B     41       HR5212C     41       HS003GM201(RM2) / GZ     69		
HR3001CJ     41       HR3001CJ     41       HR3011FCJ     41       HR3200C     41       HR4003C/B     41       HR4013C     41       HR501C     41       HR502C     41       HR5202C/B     41       HR5212C     41       HS003GM201(RM2) / GZ     69		
HR3011FCJ     41       HR3200C     41       HR4003C     41       HR4003C/B     41       HR4013C     41       HR4501C     41       HR502C     41       HR5202C/B     41       HR5212C     41       HS003GM201(RM2) / GZ     69		
HR3200C         41           HR4003C         41           HR4003C/B         41           HR4013C         41           HR4013C         41           HR4013C         41           HR501C         41           HR5202C/B         41           HR5212C         41           HS003GM201(RM2)/GZ         69	HR3011FCJ	
HR4003C     41       HR4003C/B     41       HR4013C     41       HR4501C     41       HR5202C/B     41       HR5212C     41       HS003GM201(RM2)/GZ     69	HR3200C	
HR4013C     41       HR4501C     41       HR5202C     41       HR5202C/B     41       HR5212C     41       HS003GM201(RM2)/GZ     69	HR4003C	
HR4501C     41       HR5202C     41       HR5202C/B     41       HR5212C     41       HS003GM201(RM2) / GZ     69	HR4003C/B	41
HR5202C         41           HR5202C/B         41           HR5212C         41           HS003GM201(RM2) / GZ         69	HR4013C	41
HR5202C/B         41           HR5212C         41           HS003GM201(RM2) / GZ         69	HR4501C	41
HR5212C 41 HS003GM201(RM2) / GZ 69	HR5202C	41
HS003GM201(RM2)/GZ 69	HR5202C/B	
	HR5212C	
H5004GM201(KM2)/GZ 69	HS003GM201(RM2) / GZ	
	H5004GM201(RM2)/GZ	69

н		м	
HS009GZ	69	M1902B	142
HS010GZ	69	M2300B	140
HS012GZ NEW	69	M2401B	138
HS0600	71	M3600B	141
HS300DW / DZ	70	M3601B	141
HS301DWAE/DZ	70	M3602B	141
HS6600	71	M3700B	141
HS7010	71	M3702B	141
HS7600	71	M4000B	142
HW102	93	M4001B	142
HW1300	93	M4100B	138
HW132	93	M4301B	140
HW151	93	M4302B	141
J		M4500B	141
JN1601	53	M5801B	140
JN3201J	53	M6001B	137
JR001GM201(RM2J) /	45	M6500B	137
GD201(RD2J) / GZ		M6600XB	137
JR002GM201(RM2J) /	45	M8100B	138
GD201(RD2J) / GZ		M8103B	137
JR103DWYE	46	M8103KX2B	137
JR3051TK	46	M8600B	138
JR3061T	40	M8000B	138
JR3070CT	40	M8701B	138
JR3070CT/B	40	M9002B	130
J\$1300		M9002B M9100B	140
	53	M9100B	
JS1601	53		142
JS1602	53	M9203B	142
JS3201J	53	M9204B	142
JV0600K	73	M9400B	142
JV101DSAE / DZ	72	M9506B	139
JV103DSAJ / DZ	72	M9508B	139
К		M9509B	139
KP001GZ	73	M9510B	139
KP0800X	73	M9511B	140
KT001GZ	105	M9512B	139
L		M9513B	139
LB1200F	67	ML001G	110
LC1230	67 50	ML002G	110
LC1230 LC1230/B	50 50	ML002G ML003G	110 107
LC1230 LC1230/B LCT204	50	ML002G ML003G ML005GX <b>NEW</b>	110 107 107
LC1230 LC1230/B LCT204 LD030P	50 50	ML002G ML003G ML005GX <b>NEW</b> ML006G	110 107 107 111
LC1230 LC1230/B LCT204 LD030P LD050P	50 50 130	ML002G ML003G ML005GX <b>NEW</b> ML006G ML007G	110 107 107 111 109
LC1230 LC1230/B LCT204 LD030P	50 50 130 102	ML002G ML003G ML005GX <b>NEW</b> ML006G	110 107 107 111
LC1230 LC1230/B LCT204 LD030P LD050P	50 50 130 102 102	ML002G ML003G ML005GX <b>NEW</b> ML006G ML007G	110 107 107 111 109
LC1230 LC1230/B LCT204 LD030P LD050P LD080P LH1201FL LM001CZ	50 50 130 102 102 102	ML002G ML003G ML005GX <b>NEW</b> ML006G ML007G ML009G <b>NEW</b>	110 107 107 111 109 107 108 111
LC1230 LC1230/B LCT204 LD030P LD050P LD080P LH1201FL	50 50 130 102 102 102 67	ML002G ML003G ML005GX NEW ML006G ML007G ML009G NEW ML010G NEW	110 107 107 111 109 107 108
LC1230 LC1230/B LCT204 LD030P LD050P LD080P LH1201FL LM001CZ	50 50 130 102 102 102 67 125	ML002G ML003G ML005GX NEW ML006G ML007G ML009G NEW ML010G NEW ML011G NEW	110 107 107 111 109 107 108 111
LC1230 LC1230/B LCT204 LD030P LD050P LD050P LH1201FL LM001CZ LM001GZ NEW	50 50 130 102 102 102 67 125 125	ML002G ML003G ML005GX NEW ML006G ML007G ML009G NEW ML010G NEW ML011G NEW ML106	110 107 107 111 109 107 108 111 110
LC1230 LC1230/B LCT204 LD030P LD050P LD080P LH1201FL LM001CZ LM001GZ <b>NEW</b> LM001GZ NEW	50 50 130 102 102 102 67 125 125 124	ML002G ML003G ML005GX <i>NEW</i> ML006G ML007G ML009G <i>NEW</i> ML010G <i>NEW</i> ML011G <i>NEW</i> ML106 ML107 <i>NEW</i>	110 107 107 111 109 107 108 111 110 111
LC1230 LC1230/B LCT204 LD030P LD050P LD080P LH1201FL LM001CZ LM001GZ <i>NEW</i> LM001JM101 LM002GZ <i>NEW</i>	50 50 130 102 102 102 67 125 125 125 124 125	ML002G ML003G ML005GX <i>NEW</i> ML006G ML007G ML009G <i>NEW</i> ML010G <i>NEW</i> ML011G <i>NEW</i> ML106 ML107 <i>NEW</i> ML100	110 107 107 111 109 107 108 111 110 111 67
LC1230 LC1230/B LCT204 LD030P LD050P LD080P LH1201FL LM001CZ LM001GZ <b>NEW</b> LM001JM101 LM002GZ <b>NEW</b> LM002JM101	50 50 130 102 102 102 67 125 125 125 124 125 124	ML002G ML003G ML005GX <i>NEW</i> ML006G ML007G ML009G <i>NEW</i> ML010G <i>NEW</i> ML011G <i>NEW</i> ML106 ML107 <i>NEW</i> ML100 ML100 ML100	110 107 107 111 109 107 108 111 110 111 67 100
LC1230 LC1230/B LCT204 LD030P LD050P LD080P LH1201FL LM001CZ LM001GZ <b>NEW</b> LM001JM101 LM002GZ <b>NEW</b> LM002JM101 LM002JM101	50           50           130           102           102           102           102           102           102           102           102           102           125           124           125           124           125	ML002G ML003G ML005GX <i>NEW</i> ML006G ML007G ML009G <i>NEW</i> ML010G <i>NEW</i> ML010G <i>NEW</i> ML106 ML107 <i>NEW</i> ML100 ML100 MP001GZ MP100DZ	110 107 107 111 109 107 108 111 110 111 67 100 100
LC1230 LC1230/B LCT204 LD030P LD050P LD080P LH1201FL LM001CZ LM001GZ <b>NEW</b> LM001JM101 LM002GZ <b>NEW</b> LM002JM101 LM002JIM101 LM002JZ <b>NEW</b> LS002GZ	50           50           130           102           102           102           102           102           102           125           125           124           125           124           125           124           65	ML002G ML003G ML005GX <i>NEW</i> ML006G ML007G ML009G <i>NEW</i> ML010G <i>NEW</i> ML010G <i>NEW</i> ML106 ML107 <i>NEW</i> ML100 ML100 MP001GZ MP100DZ MR002G	110 107 107 111 109 107 108 111 110 111 67 100 100 105
LC1230 LC1230/B LCT204 LD030P LD050P LD080P LH1201FL LM001CZ LM001GZ <b>NEW</b> LM001JM101 LM002GZ <b>NEW</b> LM002JM101 LM004JZ <b>NEW</b> LS002GZ LS002GZ	50           50           130           102           102           102           102           102           102           125           124           125           124           125           124           65           65	ML002G         ML003G         ML005GX         ML006G         ML007G         ML009G         ML010G         ML010G         ML010G         ML010G         ML010G         ML011G         ML010G         ML106         ML107         ML106         ML107         ML100         ML100         MD011GZ         MP001GZ         MR002G         MR006G	110 107 107 111 109 107 108 111 110 111 67 100 100 105 105
LC1230 LC1230/B LCT204 LD030P LD050P LD080P LH1201FL LM001CZ LM001GZ <b>NEW</b> LM001JM101 LM002GZ <b>NEW</b> LM002JM101 LM004JZ <b>NEW</b> LS002GZ LS002GZ LS003GZ	50           50           130           102           102           102           102           102           102           125           125           124           125           124           65           65           65	ML002G         ML003G         ML005GX         ML006G         ML007G         ML009G         ML010G         ML010G         ML010G         ML010G         ML010G         ML010G         ML011G         ML00         ML106         ML107         ML100         ML100         MP001GZ         MR002G         MR004GG         MR010G         MR010G	110 107 107 111 109 107 108 111 110 111 67 100 100 105 105
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## **Safety Precautions**

When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following.

#### /// KEEP WORK AREA CLEAN.

Cluttered areas and benches invite injuries.

#### /// CONSIDER WORK AREA ENVIRONMENT.

Don't use power tools in damp or wet locations. Keep work area well lit. Don't expose power tools to rain. Don't use power tool in presence of flammable liquids or gases.

#### /// KEEP CHILDREN AWAY.

All visitors should be kept away from work area. Don't let visitors touch the tool or extension cord.

#### /// STORE IDLE TOOLS.

When not in use, tools should be stored in a dry, high of locked up place, out of reach of children.

/// DON'T FORCE THE TOOL. It will do the job better and safer at the rate for which it was intended.

#### /// USE THE RIGHT TOOL.

Don't force small tools or attachments to do the job of a heavy-duty tool. Don't use tools for purposes not intended.

#### /// DRESS PROPERLY.

Don't wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.

#### /// USE SAFETY GLASSES.

Also use face or dust mask if the cutting operation is dusty.

#### /// DON'T ABUSE THE CORD

Never carry the tool by the cord or yank it to disconnect it from the socket. Keep the cord away from heat, oil, and sharp edges.

#### /// SECURE WORK.

Use clamps or a vise to hold the work. It's safer than using your hand and it frees both hands to operate the tool.

#### /// DON'T OVERREACH.

Keep proper footing and balance at all times.

#### /// MAINTAIN TOOLS WITH CARE.

Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubrication and changing accessories. Inspect tool cord periodically and if damaged, have it repaired by an authorized service facility. Inspect extension cords periodically and replace, if damaged. Keep handles dry, clean and free from oil and grease.

## Note

- · Makita reserves the right to change specifications of parts and accessories without notice.
- Items of standard equipment and specifications may vary by country or area.
- Net weight and dimensions may differ by the type of battery.
- Standard export color for motor housing is Makita industrial green (blue).
- Please state required voltage when ordering. These offers are subject to availability in each country. Actual product color may differ slightly from color reproduced here.
  Weight data in this catalogue is the value measured by us according to EPTA Procedure 01/ 2003.

## Warranty

Every MAKITA tool is thoroughly inspected and tested before leaving the factory. Subject to the following Terms and Conditions from the date of purchase, this tool is warranty against defective materials and manufacturing defects for a period of 6 MONTHS for AC and non brushless DC tools, as for brushless DC tools it will be a period of 12 MONTHS.

#### The period and conditions of our warranty as follows:

- 1. Sales receipt must be presented when servicing or warranty is required.
- 2. Warranty ONLY cover tools distributed by Makita Singapore Pte. Ltd. Warranty does not cover tools purchased overseas or distributed by other countries.
- 3. This warranty is valid base on the original purchase receipt with "Date of Purchase", "Model Number" & "Serial Number".

#### This warranty will be null & void in any of the following events during the warranty period:

- 1. The product unit has undergone repair, attempted repair, dismantle or modification in any way whatsoever by any other person.
- 2. Damage resulting from use of improper accessories, non-genuine replacement parts, disassembly, tampering, alternation and repairing in any way that affects the reliability and performance.
- 3. Damage resulting from negligence, accident, disaster, improper storage or maintenance, abuse and misuse in evident caused by overloading the tool beyond its capacity. 4. Abnormal voltage or usage of generator, wrong usage not in accordance with the Operation Manual.
- 5. If the Serial Number on the tool, seal on the battery and charger has been defaced or removed.
- 6. If any information on the warranty card has been defaced, removed, altered, unreadable or unclear (date of purchase, Serial Number, etc.)

\*\* Makita reserved the rights of amend conditions of warranty without prior notice. Please visit our website for Makita's Service Centre information

#### /// DISCONNECT TOOLS.

When not in use, before servicing and when changing accessories such as blades, bits and cutters.

#### /// REMOVE ADJUSTING KEYS AND WRENCHES.

Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.

#### /// AVOID UNINTENTIONAL STARTING.

Don't carry a plugged-in tool with a finger on the switch. Ensure switch is OFF when plugging in.

#### /// USE OUTDOOR EXTENSION CORDS

When tool is used outdoors, use only extension cords intended for outdoor use.

#### /// STAY ALERT.

Watch what you are doing. Use common sense. Don't operate tool when you are tired.

#### /// CHECK DAMAGED PARTS.

Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, free running of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service facility. Don't use the tool if the switch does not turn it on and off.

#### /// GUARD AGAINST ELECTRIC SHOCK.

Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).

#### /// REPLACEMENT PARTS.

When servicing a tool, use only identical replacement parts.

#### /// VOLTAGE WARNING:

Before connecting the tool to a power source (receptacle, outlet, etc.) Be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in SERIOUS INJURY to the user V as well as damage to the tool. If in doubt, DO NOT PLUG IN THE TOOL. Using a power source with voltage less than the nameplate rating is harmful to the motor.



XGT is a new system with its own tools, batteries, and chargers. A combination of innovative tool design and higher output batteries provide a genuine solution for high demand industrial users.

## Optimum power supply system and Optimum charging system

The XGT range of tools and batteries come with a built-in program, providing digital communication between the battery and tool. Allowing not only for the battery to talk with tool but also the tool to talk to the battery. Battery technology and motor engineering that work together for optimum performance.

Optimum charging system

Auto maintenance system with two cooling fans for providing more optimum fast charging

**Built Tough** 

High durability specifications specially designed for 40Vmax Li-lon batteries

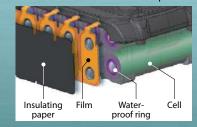
4-LED fuel gauge indicator





Create a space to absorb impact

Shock absorption structure



Waterproof Triple-layer Structure prevents cell failure due to water and dust.



makita

**Terminal short-circuit prevention structure** The protection wall is provided between terminals against water and dust.



**High Rigidity Battery Rails** Durable slide in battery rail that holds the battery and the tools firmly and securely to withstand high power products

Tool ◀▶ Battery ◀▶ Battery Charger Digital communication

The Makita Rapid Optimum Charger communicates with

the battery's built-in chip throughout the charging

process to optimize battery life by actively controlling

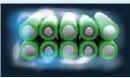


## **Rapid Optimum Charging System**

It is necessary to cool down before start charging when the battery temperature is high.

Built-in fan circulates air through the battery before start charging and during the charging process to cool the battery for faster charge time.

The optimum charging system Forced air cooling



Fast charging





General charging method

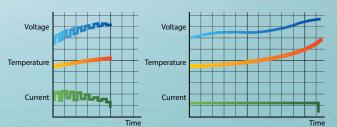
Waiting time for charging



current, voltage and temperature.

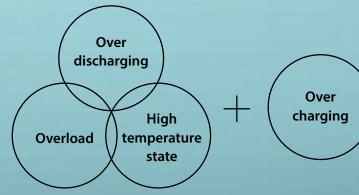
The optimum charging system

General charging method





**Battery Protection Function** 



This function is communication technology that allows the tool and battery to monitor conditions and exchange data in real time to protect against Overload, Over-Discharge and Overheating.

Anytime Charge No Memory Effect No discharging required



## **Firm Holding**

Multi-contact terminals reduce electrical resistance and increase connection stability withstanding against vibration, and ultimately ensures Stable current supply to the tool.





## Li-ion Battery & Charger Time Reference, Compatibility Chart

			inger in			pationty	
40Vmax	18V	Fast Clarging           DC40RA           (191E08-6)           DC40RB*           (191N14-5)	DC40RC (191M92-9)	Fast Cforging DC40RA + ADP10 (191C11-5) Compatible with LXT Li-ion batteries	DC40RC + ADP10 (191C11-5) Compatible with LXT Li-lon batteries	Fest C5drging)         Sector           DC18RC (195586-8) 110V - (195582-6)         DC18RD* (195934-4)           DC18RE** (198446-3)         Sector	DC18SD (194534-4) DC18SH* (Automotive) (194621-9)
	<b>8.0</b> Ah BL4080F (191X65-8)	<b>76</b> min.	<b>170</b> min.	-	-	-	-
	5.0Ah BL4050F (191L47-8)	50min.	85min.	-	-	-	-
40Vmax Lithium-ion	4.0Ah BL4040F (1910N6-8) BL4040 (191B26-6)	45 <sub>min</sub> .	67min.	-	-	-	-
	2.5Ah BL4025 (191B36-3)	<b>28</b> min.	38min.	-	-	-	-
	<b>2.0Ah</b> BL4020 (191L29-0)	22min.	30 <sub>min</sub> .	-	-	-	-
	<b>6.0</b> Ah BL1860B (197422-4)	-	-	40min.	85min.	55min.	130min.
	<b>5.0</b> Ah BL1850B (197280-8)	-	-	35min.	<b>70</b> min.	45 <sub>min</sub> .	<b>110</b> min.
18V	<b>4.0</b> Ah BL1840B (197265-4)	-	-	29min.	<b>58</b> min.	36min.	<b>90</b> min.
<u>LXT</u>	<b>3.0Ah</b> BL1830B (197599-5)	-	-	22min.	42min.	22min.	60min.
	<b>2.0</b> Ah BL1820B (197254-9)	-	-	24 <sub>min</sub> .	33min.	<b>24</b> min.	45 <sub>min</sub> .
	<b>1.5</b> Ah BL1815N (196449-1)	-	-	15min.	22min.	15min.	<b>30</b> min.
	and the second se	Ext CEarging           DC105B (197370-7)           110V - (197435-5)           DC18RE (198446-3)**           Image: State Sta	DC10WD (197371-5)	PDC1200	DC4001 (191L01-2)	PDC01	
	<b>4.0</b> Ah BL1041B (197406-2)	<b>60</b> min.	<b>130</b> min.				D.
12Vmax Lithium-ion	<b>2.0</b> Ah BL1021B (197396-9)	30min.	<b>70</b> min.	40Vmax Lithium-ion	360min.	40Vmax Lithium-ion 18V x2	Powerd by up to four 18V LXT
	<b>1.5</b> Ah BL1016 (197393-5)	22min.	50min.	18V x2 Lithium-ion		Lithium-ion <b>18V</b> Lithium-ion	Batteries
Call and		DC64WA (191W23-8)	0.8V <b>P</b> 7.2		G-Series	14.4V	DC18WA (195424-4)
64V <sub>max</sub>	10.0Ah BL64100 (191Y69-6)	300min.	10.8V	<b>1.3</b> Ah BL1013 (196066-7) <b>50</b> min.	18V	<b>1.5</b> Ah BL1815G BL1415G (198186-3) (198192-8)	<b>70</b> min.
Lithium-ion	<b>4.0</b> Ah BL6440 (191R06-8)	120min.	7.2V	<b>1.5Ah</b> BL0715 (198000-3) <b>35</b> min.	14.4V	<b>2.0</b> Ah BL1820G (191N69-0)	<b>90</b> min.

\* DC40RB / DC18RD / DC18SH: Two Port Multi Fast Charger \*\* DC18RE: CXT & LXT Dual port Fast Charger



## **MAKPAC Power Source Kit**

<b>QADPSKG1</b>	Fast Charger (DC40RC), 2X40Vmax - 2.0Ah Batteries
(191V23-2)	(BL4020), Makpac
<b>QAEPSKG1</b>	Fast Charger (DC40RC), 2X40Vmax - 2.5Ah Batteries
(191V31-3)	(BL4025), Makpac
<b>MKP1G001</b>	Rapid Charger (DC40RA), 2X40Vmax - 2.5Ah Batteries
(191J85-8)	(BL4025), Makpac
<b>MKP1G002</b>	Rapid Charger (DC40RA), 2X40Vmax - 4.0Ah Batteries
(191K01-6)	(BL4040), Makpac
<b>MKPPSKG2</b> (191V42-8)	Rapid Charger (DC40RA), 2X40Vmax - 5.0Ah Batteries (BL4050F), Makpac
<b>QAAPSKG3</b>	Dual Port Multi Rapid Charger (DC40RB),
(191U06-6)	2X40Vmax - 4.0Ah Batteries (BL4040), Makpac
<b>QABPSKG3</b>	Dual Port Multi Rapid Charger (DC40RB),
(191U20-2)	2X40Vmax - 5.0Ah Batteries (BL4050F), Makpac
<b>QAPSKG3</b>	Dual Port Multi Rapid Charger (DC40RB),
(1910A2-5)	2X40Vmax - 8.0Ah Batteries (BL4080F), Makpac
<b>QACPSKG3</b>	Dual Port Multi Rapid Charger (DC40RB),
(191U34-1)	4X40Vmax - 4.0Ah Batteries (BL4040), Makpac
QADPSKG3	Dual Port Multi Rapid Charger (DC40RB),

QADPSKG3Dual Port Multi Rapid Charger (DC40RB),(191U48-0)4X40Vmax - 5.0Ah Batteries (BL4050F), Makpac

## **MAKPAC Power Source Kit**

<b>MKP1RF182</b>	Rapid Charger (DC18RC), 2X18V - 3.0Ah Batteries
(197974-5)	(BL1830B), Makpac
<b>MKP1RM182</b>	Rapid Charger (DC18RC), 2X18V - 4.0Ah Batteries
(191L71-1)	(BL1840B), Makpac
<b>MKP1RT182</b>	Rapid Charger (DC18RC), 2X18V - 5.0Ah Batteries
(197803-2)	(BL1850B), Makpac
<b>MKP1RG182</b>	Rapid Charger (DC18RC), 2X18V - 6.0Ah Batteries
(198119-8)	(BL1860B), Makpac
<b>MKP3PT182</b> (198182-1)	Dual Port Rapid Charger (DC18RD), 2X18V - 5.0Ah Batteries (BL1850B), Makpac
<b>MKP3PG182</b> (198081-7)	Dual Port Rapid Charger (DC18RD), 2X18V - 6.0Ah Batteries (BL1860B), Makpac
<b>MKP3PT184</b> (197627-6)	Dual Port Rapid Charger (DC18RD), 4X18V - 5.0Ah Batteries (BL1850B), Makpac
<b>MKP3PG184</b>	Dual Port Rapid Charger (DC18RD), 4X18V - 6.0Ah Batteries
(198095-6)	(BL1860B), Makpac

## **MAKPAC Power Source Kit**

(BL1016), Makpac

(197654-3)
MKP1SA122
(197664-0)

MKP1SY122

Fast Charger (DC10SB), 2X12Vmax - 2.0Ah Batteries (BL1021B), Makpac

Fast Charger (DC10SB), 2X12Vmax - 1.5Ah Batteries

MKP1SM122 (197640-4) (191K12-1)

(191K13-9)

Fast Charger (DC10SB), 2X12Vmax - 4.0Ah Batteries (BL1041B), Makpac

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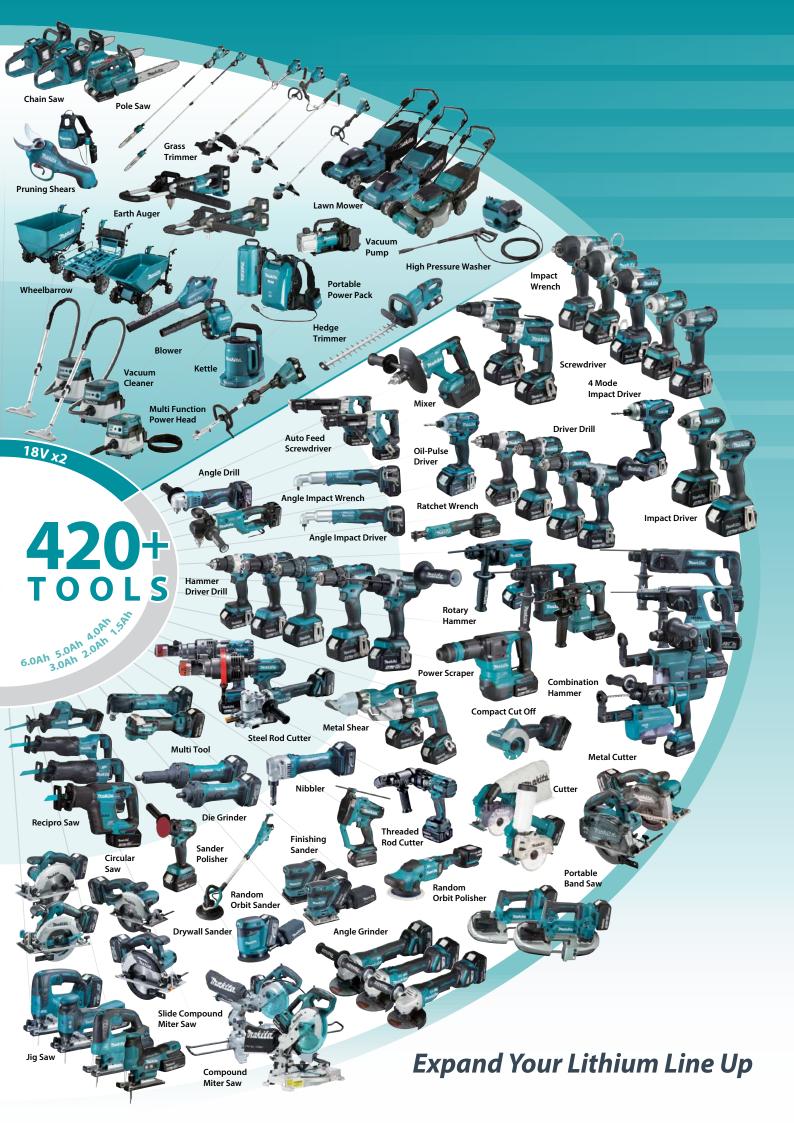
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<u>|LXT</u>









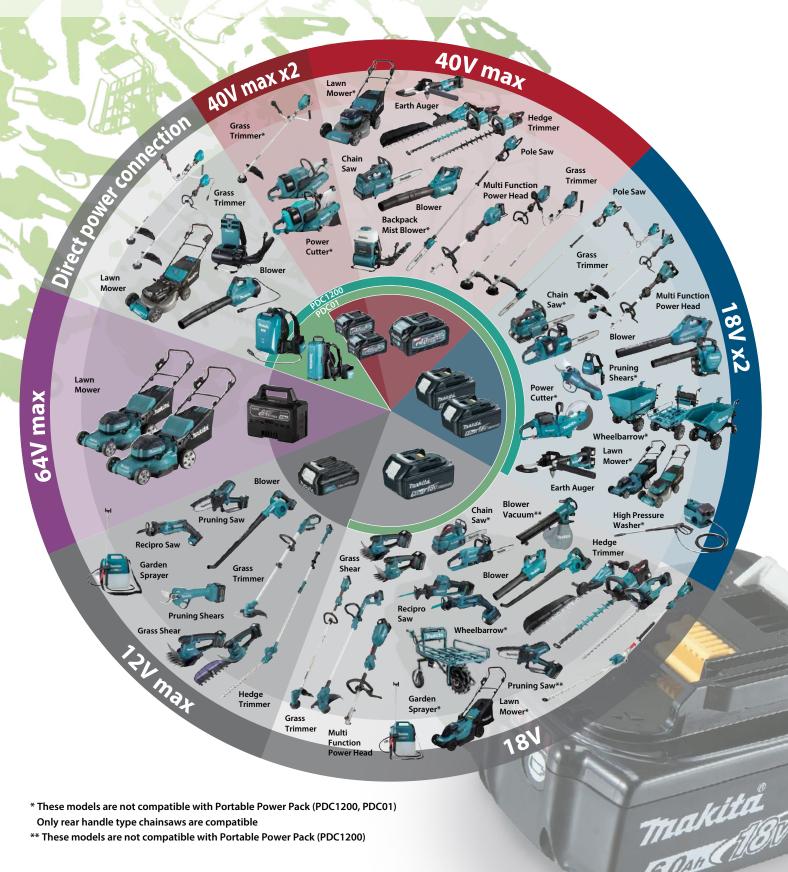








# A wide variety of **Lithium-ion Garden Tools**



\*\* These models are not compatible with Portable Power Pack (PDC1200)

## Trakita.

## **Portable Power Pack Compatible with Multiple Products**





Steel / Wood: 13 / 38

1.5 - 13 mm (1/16 - 1/2")

Hard / Soft: 54 / 30 N·m (480 / 270 in.lbs.)

172x79x261mm (6-3/4"x3-1/8"x10-1/4")

60 N·m (530 in.lbs.)

N/A dB(A)

1.5 kg (3.4 lbs)

mm (1/2" / 1-1/2")

High / Low: 0 - 2,000 / 0 - 500

Capacity

Chuck capacity No Load Speed (RPM)

Max Fastening Torque

Max lock torque

Dimensions

 $(L \times W \times H)$ 

Net weight

Sound Power Level

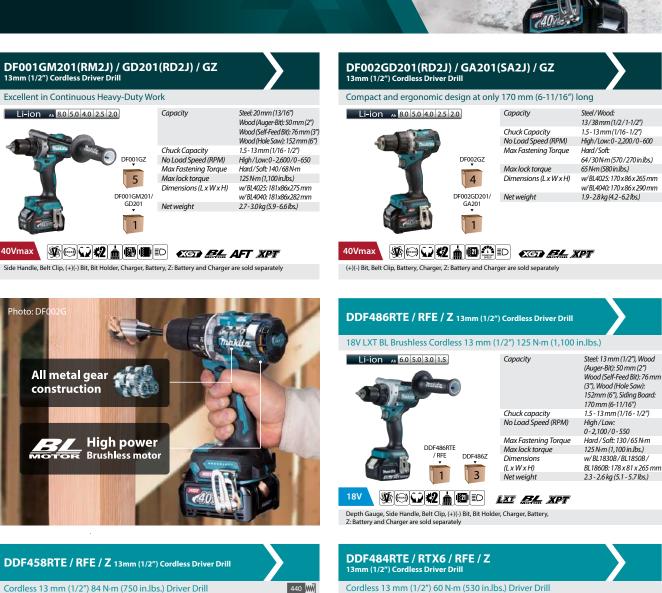
LXT <u>BL</u> XPT

PRODUCTS

Li-ion Ab 6.0 5.0 3.0 1.5

18V

## DRILL (Steel & Wood)



440 MW

Steel: 13 mm (1/2")

Wood: 76 mm (3")

84 N·m (750 in.lbs.) 225x79x259 mm

Low: 0-400 Hard / Soft: 91 / 58 N·m

(8-7/8"x3-1/8"x10-1/4")

2.1 - 2.5 kg (4.7 - 5.4 lbs)

Hiah: 0-2.000

Capacity

Dimensions

 $(L \times W \times H)$ 

Net weiaht

DDF458RTE

/RFE/Z

2

Charger, Battery, (+)(-) Bit, Side Grip, Z: Battery and Charger are sold separately

No Load Speed (RPM)

Max Fastening Torque Max lock torque

(+)(-) bit 2-45, Belt clip, Battery, Fast Charger, Z: Battery and Charger are sold separately

DDF484RTX6

DDF484RTF

/ RFE

DDF4847

6

Li-ion Ab 6.0 5.0 3.0 1.5

18V

## Thakita

Steel: 13 mm (1/2")

High: 0 - 1,400

Low: 0 - 400

Wood: 36 mm (1-7/16")

Hard / Soft: 42 / 24 N·m

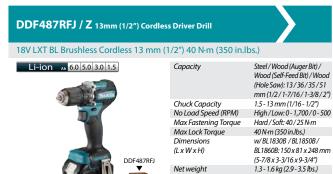
(8-3/4 x 3-1/4 x 9-1/2")

38 N·m (340 in.lbs.)

221 x 83 x 240 mm

1.7 kg (3.7 lbs.)





\$\$@Q\$2**``\_\_\_\_\_**\$\$\$ **\_\_\_\_\_** XPT Belt Clip, (+)(-) Bit, Battery, Charger, Z: Battery and Charger are sold separately

DF488D002 / D004 / DYEX4

13mm (1/2") Cordless Driver Drill

Li-ion Ah 2.0 1.5

18V

18V

(+)(-) Bit, Battery, Charger

1

18V Li-Ion Cordless 13 mm (1/2") 38 N·m (340 in.lbs.) Driver Drill, G-Battery

3

Capacity

No Load Speed (RPM)

Max Fastening Torque

Max lock torque

Dimensions

 $(L \times W \times H)$ 

Net weight

Fast Charger, Battery Cartridge, (+) (-) Bit, Z: Battery and Charger are sold separately







DF330DWE 10mm (3/8") Cordless Driver Drill

Lightweight and compact but with 2-speed gear selection



Battery Charger, Battery Cartridge, Phillips Bit, Holster

Capacity No Load Speed (RPM) Max Fastening Torque Dimensions (L x W x H)

Steel: 10 mm (3/8") Wood: 21 mm (13/16") Hiah: 0-1.300 Low: 0-350 Hard / Soft: 24 / 14 N·m 189x53x183mm (7-7/16"x2-1/16"x7-1/4") 1.0kg (2.2lbs)



Steel : 10mm (3/8")

6.35mm (1/4")

High: 0-1,500 Low: 0-450

Hard: 35 N·m

Soft: 21 N·m

250W

32 N·m (280 in.lbs.)

0.88 kg (1.9 - 2.3lbs)

(4-7/8"x2-5/8"x8-1/2")

124x66x217mm

Wood : 28mm (1-1/8")

Capacity

DF032DSAE

2

DF032DZ

4

Chuck Capacity

Max Lock Torque

Max Output

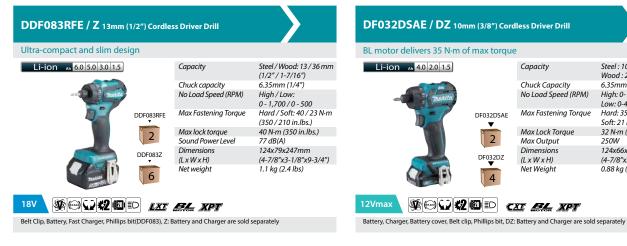
Dimensions

 $(L \times W \times H)$ 

Net Weigh

No Load Speed (RPM)

Max Fastening Torque





## Tnakita.



#### 24 **DRILL / HAMMER DRILL**





### PRODUCTS

## HAMMER DRILL (Steel, Wood & Masonry)





Depth Gauge, Side Handle, Belt Clip,  $(+)(\cdot)$  Bit, Bit Holder, Charger, Battery, Z: Battery and Charger are sold separately



#### HP002GD201(RD2J) / GA201(SA2J) / GZ 13mm (1/2") Cordless Hammer Driver Drill

#### Compact and ergonomic design at only 180 mm (7-1/8") long



		1
		(
	Chuck Capacity	1
	Impacts Per Minute (IPM)	ŀ
δZ	No Load Speed (RPM)	ŀ
	Max Fastening Torque	I
		é
	Max lock torque	Ċ
201/	Dimensions (L x W x H)	١
1		١
	Net weight	ź

Capacity

Steel/Wood/Masonry:
13/38/13mm
(1/2/1-1/2/1/2")
1.5-13mm(1/16-1/2")
High/Low:0-33,000/0-9,000
High/Low:0-2,200/0-600
Hard/Soft:
64/30 N·m (570/270 in.lbs.)
65 N·m (580 in.lbs.)
w/BL4025:180 x 86 x 265 mm
w/BL4040:180x86x290mm
2.0-2.9 kg (4.4-6.4 lbs.)

## 

Belt Clip, (+)(-) Bit, Battery, Charger, Z: Battery and Charger are sold separately

DHP486RTE / RFE / Z 13mm (1/2") Cordless Hammer Driver Drill		
18V LXT BL Brushless Cordless 13 mm (1	/2") 125 N·m (1,100 ir	n.lbs.)
	Capacity	Steel: 13 mm (1/2"), Wood (Auger-Bit): 50 mm (2") Masonry: 16 mm (5/8"), Siding Board: 170 mm (6-11/16")
The Part of the Pa	Chuck capacity	1.5 - 13 mm (1/16 - 1/2")
	Impacts Per Minute (IPM)	High/Low: 0-31,500/0-8,250
	No Load Speed (RPM)	High/Low: 0-2,100/0-550
DHP486BTE	Max Fastening Torque	Hard/Soft: 130/65 N⋅m
/RFE DHP486Z	Max lock torque	125 N·m (1,100 in.lbs.)
	Dimensions	w/BL1830B/BL1850B/
	(LxWxH)	BL1860B: 178 x 81 x 265 mm
	Net weight	2.3 - 2.7 kg (5.1 - 6.0 lbs.)
18V 🕸 🖾 🗤 🖬 🔟 🗊	XT <u>BL</u> XPT	

Depth Gauge, Side Handle, Belt Clip, (+)(-) Bit, Bit Holder, Charger, Battery, Z: Battery and Charger are sold separately

## Thakita

## HAMMER DRILL

Steel: 13 mm (1/2")

High / Low: 0-28.500/0-9.000

Wood: 38 mm (1-1/2")

Masonry: 13 mm (1/2")

440



Fast Charger, Battery Cartridge, (+)(-) Bit, Side Grip, Z: Battery and Charger are sold separately

HP488D002 13mm (1/2") Cordless Hammer Driver Drill

Li-ion Ah 2.0 1.5

18V

(+)(-) Bit, Battery, Charger

\$\$@\$\**2**#**0** 



18V Li-Ion Cordless 13 mm (1/2") 38 N·m (340 in.lbs.)Hammer Driver Drill, G-Battery

Capacity

No Load Speed (RPM)

Max Fastening Torque Max lock torqu

Dimensions (LxWxH)

Net weight

3

Steel: 13 mm (1/2")

Low: 0-6.000

High: 0-1,400

Low: 0-400

Masonry: 13 mm (1/2") Impacts Per Minute (IPM) High: 0-21,000

Wood: 36 mm (1-7/16")

Hard / Soft: 42 / 24 N·m

(9-3/8"x3-1/4"x9-1/2") 1.7 kg (3.7 lbs)

**G**-Series

38 N·m (340 in.lbs.)

239x83x240 mm

No Load Speed (RPM) High / Low: 0-1.900/0-600 Hard / Soft: 62 / 36 N·m (550 / 320 in.lbs.) Max Fastening Torque Max lock torque 54 N·m (480 in.lbs.) DHP482RTE DHP482Z / RFE Dimensions 198x79x249mm (LxWxH) (7-3/4"x3-1/8"x9-3/4") 1.5 kg (3.4 lbs) 2 8 Net weiaht 18V [\$\$\$|@]**\}|\$2|**mit[10]≣D] LXT XPT Battery, Fast Charger, (+)(-) Bit 2-45, Belt clip, Z: Battery and Charger are sold separately DHP453RFX4 / RYE 13mm (1/2") Cordless Hammer Driver Drill Extremely compact tool size

Capacity

Impacts Per Minute (IPM)

Li-ion Ab 6.0 5.0 3.0 1.5 18V

Fast Charger, Battery, (+)(-) Bit, Z; Battery and Charger are sold separately

DHP482RTE / RFX1 / RFE / Z

DHP482REX1

13mm (1/2") Cordless Hammer Driver Dr

Extremely compact tool size

Li-ion Ah 6.0 5.0 3.0 1.5

Capacity Steel: 13 mm (1/2") Wood: 36 mm (1-7/16") Masonry: 13 mm (1/2") Impacts Per Minute (IPM) High: 0-19,500 Low: 0-6,000 No Load Speed (RPM) Hiah: 0-1.300 Low: 0-400 Hard / Soft: 42 / 27 N·m Max Fastenina Torau Max lock torque 38 N·m (340 in.lbs.) Dimensions 240x79x244mm (LxWxH) (9-7/16″x3-1/8″x9-5/8″) Net weight 1.7kg (3.7lbs)

HP332DSAE / DZ 10mm (3/8") Cordless Hammer Driver Drill Compact and Ergonomic Design at Only 193 mm Long Li-ion Ah 4.0 2.0 1.5 Capacity Steel: 10mm (3/8") Wood: 28mm (1-1/8") Masonry: 8mm (5/16") 0.8 - 10 mm (1/32 - 3/8") Chuck capacity Impacts Per Minute (IPM) High: 0 - 22,500 Low: 0 - 6,750 No Load Speed (RPM) High: 0 - 1,500 Low: 0 - 450 Max Fastening Torque Hard: 35 N·m Soft: 21 N·m Max Lock Torque 32 N·m (280 in.lbs.) 168x66x217mm Dimensions  $(L \times W \times H)$ (6-5/8"x2-5/8"x8-1/2") 2 . 1.1 - 1.3 kg (2.4 - 2.8 lbs) Net Weight 12Vmax Battery, Charger, Battery cover, Belt clip, Phillips bit, DZ: Battery and Charger are sold separately

4



Phillips Bit, Belt Clip, Battery, Charger, DZ: Battery and Charger are sold separately



Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

25

## <sup>26</sup> HAMMER DRILL / IMPACT DRIVER







PRODUCTS

Chuck Key, Side Grip, Depth Rod









## Thakita

#### 27 IMPACT DRIVER



#### 28 **IMPACT DRIVER**



Coarse thread (in length):

22-90mm (7/8"-3-1/2")

0 - 3,500 110 N·m (970 in.lbs.)

1 - 1.2kg (2.3 - 2.6 lbs)

6.35 mm (1/4")

153x66x204mm (6"x2-5/8"x8-1/8")

Capacity-Machinescrew M4-M8mm (5/32"-5/16")

Hex Shank

Dimensions

 $(L \times W \times H)$ 

Net Weight

No Load Speed (RPM)

Impacts Per Minute (IPM)

Max Fastening Torque

Standard Bolt M5-M12 (3/16"-1/2") High Tensile Bolt M5-M10 (3/16"-3/8")

0 - 2.600



Coarse thread (in lenath): 22 - 45mm (7/8" - 1-3/4") Hex Shank 6.35 mm (1/4") No Load Speed (RPM) 0 - 2,450 Impacts Per Minute (IPM) 0 - 3.000 Max Fastening Torque Dimensions Straight Type 282x42x52mm (L x W x H) Dimensions Pistol Type 227x42x142mm (L x W x H)

Net Weiaht

Capacity- Machine screw M3 - M8 (1/8" - 5/16")

Standard Bolt M3 - M8 (1/8" - 5/16")

High Tensile Bolt M3 - M6 (1/8" - 1/4")

25 N·m (220 in.lbs.) (11-1/8"x1-5/8"x2-1/16") (8-15/16"x1-5/8"x5-5/8") 0.55 - 0.56 kg (1.2 lbs)

411 Continuous Rating Input 230W Capacity- Machine screw M4 - M8 (5/32" - 5/16") Standard Bolt M5 - M14 (3/16" - 9/16") High Tensile Bolt M5 - M10 (3/16" - 3/8") Coarse thread (in length): 22 - 90mm (7/8" - 3-1/2") Driving Shank (Hex) 6.35mm (1/4") Impacts Per Minute (IPM) 0-3,200 No Load Speed (RPM) Max Fastening Torque 0-3 600 100 N·m (74 ft.lbs.) Dimensions (L x W x H) 184x67x192mm (7-1/4"x2-5/8"x7-9/16") Net Weight 0.99kg (2.2lbs) Power Supply Cord 2.5m (8.2ft)

12Vmax CXT Li-Ion Cordless 60 N·m (530 in.lbs.) Angle Impact Driver

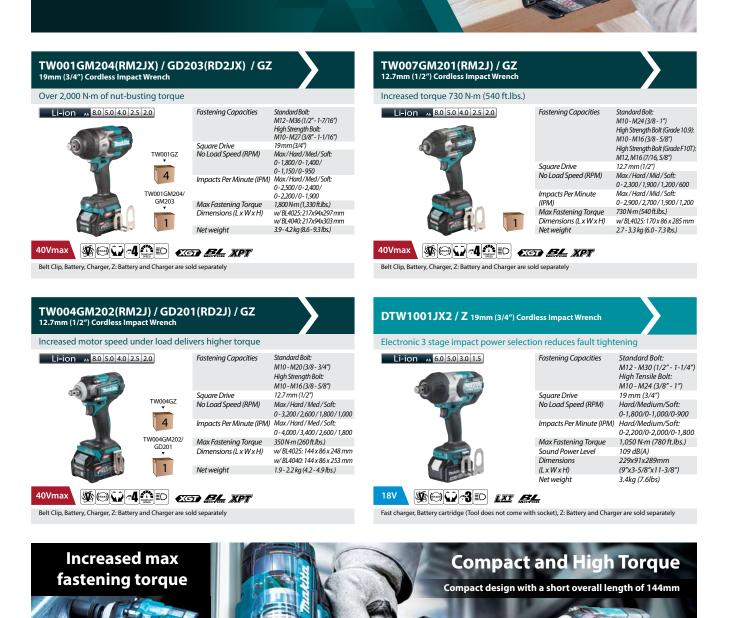
Capacity Hex Shank Dimensions  $(L \times W \times H)$ Net Weight

Machine Screw: M4 - M8 (5/32" - 5/16") Standard Bolt: M4 - M12 (5/32" - 1/2") Hiah Tensile Bolt: M4 - M8 (5/32" - 5/16") Coarse thread (in length): 22-75 mm (7/8"-2-31/32") 6.35 mm (1/4") 0 - 2,000 No Load Speed (RPM) Impacts Per Minute (IPM) 0 - 3,000 60 N·m (530 in.lbs.) Max Fastening Torque 361x66x86 mm (14-1/4″x2-5/8″x3-3/8″) 1.2 - 1.6 kg (2.7 - 3.6 lbs)

## Trakita.

PRODUCTS

# IMPACT WRENCH

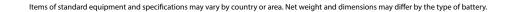


High-strei anvil

Excellent performance in continuous heavy operation due to Optimu

560

bolts



Nut-busting

630

N·m

Max fastening

350

N·m

## 30



Standard Bolt

M12-M24 (1/2"-1")

M10-M22 (3/8"-7/8")

Hard / Medium / Soft

800 N·m (590 ft.lbs.)

229x91x303mm

3.4kg (7.6lbs)

(9"x3-5/8"x11-7/8")

Standard Bolt:

High Tensile Bolt: M12 - M16 (1/2" - 5/8")

12.7 mm (1/2")

1.600

2,200

105 dB(A)

266x82x290mm

3.4kg (7.5lbs)

Standard Bolt: M10 - M16 (3/8" - 5/8") High Tensile Bolt: M10 - M14 (3/8" - 9/16")

12.7 mm (1/2") 0 - 2,100

105 dB(A) 165x79x234mm

230 N·m (170 ft.lbs.)

(6-1/2"x3-1/8"x9-1/4") 1.5kg (3.3lbs)

M12 - M22 (1/2" - 7/8")

440 N·m (325 ft.lbs.)

(10-1/2 "x3-1/4"x11-3/8")

106 dB(A)

0-2,200/0-2,000/0-1,800

441

448 🞹

High Tensile Bolt:

11.1 mm (7/16") Hard / Medium / Soft: 0 - 1,800 / 0 - 1,000 / 0 - 900

Fastenina Capacities

No Load Speed (RPM)

Max Fastening Torque

Fastening Capacities

No Load Speed (RPM) Impacts Per Minute (IPM)

Max Fastening Torque

Fastening Capacities

Max Fastening Torque

Sound Power Level

Sound Power Level

Overall Length

Net weight

Square Drive No Load Speed (RPM) Impacts Per Minute (IPM) 0 - 3,200

Dimensions

(LxWxH)

Net weiaht

Sound Power Level

Sauare Drive

Dimensions

(LxWxH)

Net weight

5

<u>ີ</u>1

Sound Power Level

Dimensions

 $(L \times W \times H)$ 

Net weigh

Impacts Per Minute (IPM)

Hex Shank



Impacts Per Minute (IPM)

Max Fastening Torque

Dimensions

(LxWxH)

Net weight

Me v 2 D Let BL XPT

Belt Clip, Battery, Fast Charger, Z: Battery and Charger are sold separately

18V

Hard / Soft 0-3,600 / 0-2,000

210 N·m (155ft.lbs.)

(5-15/16" x 3-1/8" x 9-1/4") 1.2 - 1.5 kg (2.7 - 3.4 lbs)

18V

151 x 79 x 235 mm

Standard Bolt: Fastenina Capacities M8 - M16 (5/16" - 5/8") Hiah Tensile Bolt. M8 - M12 (5/16" - 1/2") Square Drive 12.7 mm (1/2") No Load Speed (RPM) 0 - 2,300 Impacts Per Minute (IPM) 0 - 3,000 Max Fastening Torque

190 N·m (140 ft.lbs.) 105 dB(A) 176 mm (6-15/16") 1.4 kg (3.2 lbs)

Fast Charger, Battery Cartridge, Z: Battery and Charger are sold separately

## Trakita

#### 31 **IMPACT WRENCH**



#### 18V

Belt Clip, Battery, Fast Charger, Z: Battery and Charger are sold separately



Belt Clip, Battery, Charger, DZ: Battery and Charger are sold separately

TW140DSAEX 9.5mm (3/8") Cordless Impact wrench		
12Vmax CXT Li-Ion Cordless Impact \	Wrench	
Li-ion at 40 20 1.5	Fastening Capacities	Standard Bolt: M8 - M16 (5/16" - 5/8") High Tensile Bolt: M6 - M12 (1/4" - 1/2")
	Square Drive	9.5 mm (3/8″)
	No Load Speed (RPM)	0-2,600
	Impacts Per Minute (IPM)	0 - 3,200
	Max Fastening Torque	140 N·m (1,240 in.lbs.)
	Dimensions	w/BL1016/BL1021B:
2	(L x W x H)	161x66x205 mm (6-3/8"x2-5/8"x8-1/8") w/BL1041B: 161x66x224 mm (6-2/0"x-2-5/8"x8-7/8")
	Net weight	(6-3/8"x2-5/8"x8-7/8") 1 - 1.2 kg (2.3 - 2.7 lbs.)
Belt Clip, Battery, Charger		



Shoulder strap, Tool catcher, Battery, Charger, DZ: Battery and Charger are sold separately

TW141DSAE / DZ 12.7mm (1/2") Cordless Impact wrenc	h	
12Vmax CXT Li-Ion Cordless 1/2" (1	2.7 mm) 145 N·m (107 ft.ll	bs.) Impact Wrench
Li-ion * 4.0 2.0 1.5	Fastening Capacities	Standard Bolt: M8 - M16 (5/16" - 5/8") High Tensile Bolt: M6 - M12 (1/4" - 1/2")
	Square Drive	12.7 mm (1/2″)
	No Load Speed (RPM)	0 - 2,600
	Impacts Per Minute (IPM)	0 - 3,200
	Max Fastening Torque	145 N·m (107 ft.lbs.)
	Dimensions	w/BL1016/BL1021B:
	(L x W x H) 2	168x66x205 mm (6-5/8"x2-5/8"x8-1/8") w/ BL1041B: 168x66x224 mm (6-5/8"x2-5/8"x8-7/8")
	Net weight	1.1 - 1.2 kg (2.4 - 2.7 lbs.)
Belt Clip, Battery, Charger, DZ: Battery and Charge	er are sold separately	

TW060DSAE / DZ 6.35mm (1/4") Cordless Impact Wrench			
Delivers 60 N·m (530 in.lbs.) of Max Tore	que in an Ultra Comp	act Size	
	Fastening Capacities	Standard Bolt: M8 - M12 (5/16" - 15/32") High Tensile Bolt: M6 - M10 (1/4" - 3/8")	
	Square Drive	6.35 mm (1/4")	
	No Load Speed (RPM)	0 - 2,600	
	Impacts Per Minute (IPM)	0 - 3,200	
	Max Fastening Torque	60 N·m (530 in.lbs.)	
	Dimensions	w/BL1016/BL1021B:	
2	(L x W x H)	161x66x205 mm (6-3/8"x2-5/8"x8-1/8") w/ BL1041B: 161x66x224 mm	
	Net weight	(6-3/8"x2-5/8"x8-7/8") 1 - 1.2 kg (2.3 - 2.6 lbs.)	
Belt Clip, Battery, Charger, DZ: Battery and Charger are sold separately			

TW0200 12.7mm (1/2") Impact Wrend	ch	
Aluminum hammer case with high du	rability (200N.m [150ft	.lbs]) 411 🕅
makita	Continuous Rating Input Fastening Capacities	380W Standard Bolt: M10 - M16 (3/8" - 5/8") High Tensile Bolt: M10 - M12 (3/8" - 1/2")
	Square Drive No Load Speed (RPM) Impacts Per Minute (IPM)	12.7 mm (1/2") 0 - 2,200 0 - 2,200
	Max Fastening Torque Sound Power Level	200 N·m (150 ft.lbs.) 104 dB(A)
	Dimensions (L x W x H)	251 x 72 x 220mm (9-7/8" x 2-13/16" x 8-5/8",
	Net Weight Power Supply Cord	2.1kg (4.7lbs) 2.5m (8.2ft)



#### 32 **IMPACT WRENCH**





/1000 25.4mm (1") Impact Wrench		
ge 1,000 N·m (738 ft.lbs.) of Power for	Industrial Applicatio	ns 153 🔊
0V/ 1000/B	Continuous Rating Input Fastening Capacities	1,200W Standard Bolt: M24-M30(15/16"-1-3/16") High Tensile Bolt: M22 - M24 (7/8" - 15/16")
martin	Square Drive No Load Speed (RPM) Impacts Per Minute (IPM) Max Fastening Torque Sound Power Level Dimensions (L x W x H) Net Weight	25.4 mm (1") 1,400 1,500 1,000 N·m (738 ft.lbs.) 114 dB(A) 382x110x290mm (15"x4-5/16"x11-3/8") 8.8kg (19.4lbs)
	Power Supply Cord	2.5m (8.2ft)
et 41-80, Side Grip		

WR100DSAEK / DZ 9.5mm / 6.35mm (3/8 / 1/4") Cordless Ratchet Wrench			
Compatible with variable sockets with	socket adapter		
Li-ion at 4.0 2.0 1.5	Capacity	Standard Bolt: M5 - M12 (3/16" - 1/2") High Tensile Bolt: M5 - M10 (3/16" - 3/8")	
	Square Drive	9.5 / 6.35 mm (3/8" / 1/4 ")	
	No Load Speed (RPM)	0 - 800	
Thekita	Max Fastening Torque	47.5 N·m (420 in.lbs.)	
	Dimensions (L x W x H)	w/BL1016/BL1021B: 341x67x63 mm	
		(13-7/16"x2-5/8"x2-1/2")	
WR100DSAFK		w/BL1041B: 341x67x84 mm	
V		(13-7/16"x2-5/8"x3-5/16")	
2	Net weight	1.0 - 1.2 kg (2.3 - 2.7 lbs.)	

Socket Adapter, Battery, Charger, Tool Bag, DZ: Battery and Charger are sold separately

	le Impact Wrench	
12Vmax CXT Li-Ion Cordless 60 N·m (5	530 in.lbs.) Angle Impac	t Wrench
Li-ion Ab 4.0 2.0 1.5	Capacity	Standard Bolt: M4 - M12 (5/32" - 1/2") High Tensile Bolt: M4 - M8 (5/32" - 5/16")
Contraction of the	No Load Speed (RPM)	0 - 2,000
	Impacts Per Minute (IPM)	0 - 3,000
	Max Fastening Torque	60 N·m (530 in.lbs.)
	Dimensions	361x66x86 mm
	$(L \times W \times H)$	(14-1/4"x2-5/8"x3-3/8"
	Net Weight	1.2 - 1.6 kg (2.7 - 3.6 lbs

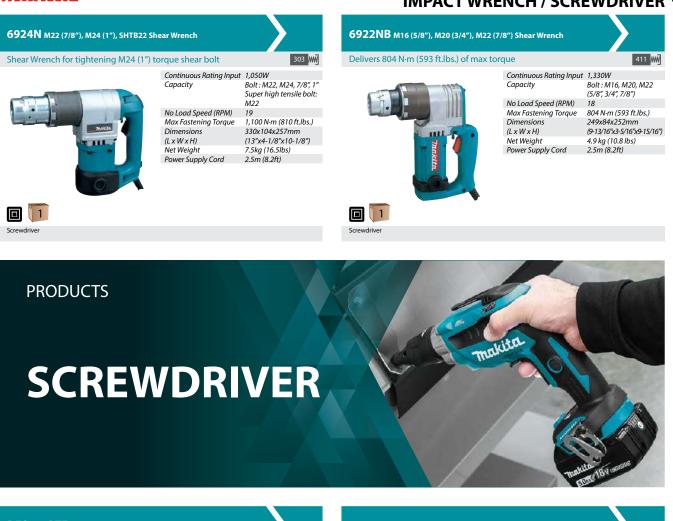


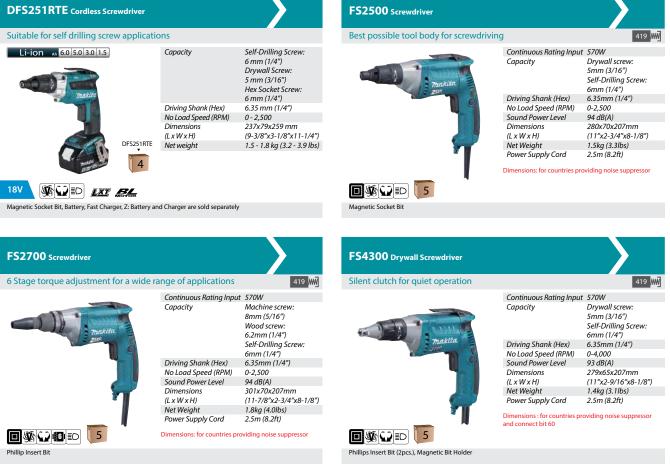


Screwdriver, Battery, Fast Charger, Z: Battery and Charger are sold separately

## Trakita

## **IMPACT WRENCH / SCREWDRIVER**







106 🞹

130 mm (5-1/8") 1.300

820 mm (32-1/4") 3.6 kg (7.9 lbs)

2.5 m (8.2 ft)

Continuous Rating Input 700W Blade Diameter No Load Speed (RPM)

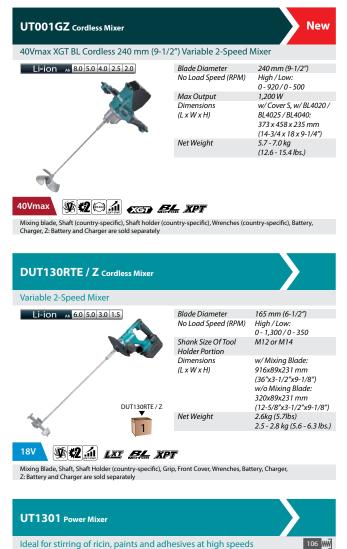
Overall Length Net Weight

Power Supply Cord

**PRODUCTS** 

## **MIXER**





3 Mixing Blade, Hex Wrench, Wrench

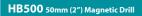
## Trakita

## **MIXER / STATIONARY DRILL**



## PRODUCTS

# **STATIONARY** DRILL



#### Heavy duty Magnetic Drill

110V HB500/B



## Capacity Chuck Capacity No Load Speed (RPM) Magnetic Clamping Force Dimensions (L x W x H) Net Weight

EIB106C Steel: 50 mm (2") 16mm (5/8") 350/650 Minimum 9,300N (950kg) 290x150x450mm (11-3/8"x5-7/8"x17-3/4") 18.5kg

## HB350 35mm (1-3/8") Magnetic Drill



UD00EBD002 Continuous Rating Input 1,050W Capacity No Load Speed (RPM) Magnetic Clamping Steel: 35 mm (1-3/8") 850 8,000 N Force Dimensions (L x W x H)  $270 \times 110 \times 330 \text{ mm}$ Net Weight 11.5 kg

akit

Small oil cup assembly and clip, Safety guard, Polyester safety strap, Allen keys

### TB131 13mm (1/2") Drilling Machine 13mm

#### Compact drilling machine



#### Continuous rating input 250W Capacity Steel: 13mm (1/2") No Load Speed (RPM) Net weight

Power supply cord

Wood: 24mm (15/16") 570, 890, 1,300, 1,900 2,670 (50Hz), 690, 1,070, 1,560, 2,280, 3,200 (60Hz) 20kg (44lbs) 1.75m (5.7ft)





### PRODUCTS

# ROTARY HAMMER



## Tnakita.

## ROTARY HAMMER 37







## 38 ROTARY HAMMER

Tnakita.



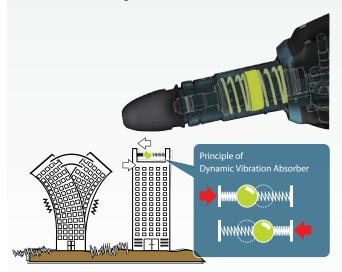


Fast Charger, Battery Cartridge, Depth Gauge, Side Grip, Z: Battery and Charger are sold separately (Tool does not come with bit)



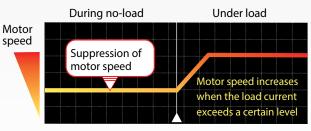
## Active dynamic vibration absorber

 ensures operation with extremely low vibration.
 allows tool design with flat body sides for better handling



## **Suppression of motor speed**

- reduces vibration of tool body when idling, accordingly decreases the amount of vibration to operator 's hands during a day's operation
- minimizes deflection of bit tip from aiming point when starting chipping



when starting chipping

## Tnakita.

# ROTARY HAMMER 39





Compact and lightweight for redu	uced operator fatigue	
Li-ion 6.0 5.0 3.0 1.5	Impact Energy	Our experimental conditions: 1.1 J
	Capacity	Concrete: 17 mm (11/16") Steel: 10 mm (3/8") Wood: 13 mm (1/2")
	Blows Per Minute (BPM)	0 - 4,800
	No Load Speed (RPM)	0-680
	Sound Power Level Dimensions	97 dB(A) with BL1830B / BL1840B
DHR171RTJ	(L×W×H)	/BL1850B/BL1860B: 273x86x211mm (10-3/4"x3-3/8"x8-5/16")
1 F Restrict	Net weight	(10-3/4 x3-3/8 x8-5/16) 2.1 - 2.8 kg (4.6 - 6.2 lbs)
18V Mini Carl Carl Carl Carl Carl Carl Carl Carl	D LXT EEka	
Dust Cup (country-specific), Side Grip, Depth G	auge, Battery, Fast Charger,	
Dust Cup (country-specific), Side Grip, Depth G Z: Battery and Charger are sold separately	auge, Battery, Fast Charger,	otation" 459 Mil
Dust Cup (country-specific), Side Grip, Depth G Z: Battery and Charger are sold separately HR1840J 18mm (11/16") Rotary	auge, Battery, Fast Charger,	470W Our experimental conditions: 1.4 J Concrete (with T.C.T. bit): 18mm (11/16") Steel: 13 mm (1/2")
Dust Cup (country-specific), Side Grip, Depth G 2: Battery and Charger are sold separately HR1840J 18mm (11/16") Rotary	Hammer nly" or "Hammering with Ro Continuous Rating Input Capacity	470W Our experimental conditions: 1.4 J Concrete (with T.C.T. bit): 18mm (11/16") Steel: 13 mm (1/2") Wood: 24 mm (15/16")
Dust Cup (country-specific), Side Grip, Depth G Z: Battery and Charger are sold separately HR1840J 18mm (11/16") Rotary	Hammer nly" or "Hammering with Re Continuous Rating Input	470W Our experimental conditions: 1.4 J Concrete (with T.C.T. bit): 18mm (11/16") Steel: 13 mm (1/2")
Dust Cup (country-specific), Side Grip, Depth G Z: Battery and Charger are sold separately HR1840J 18mm (11/16") Rotary	Hammer nly" or "Hammering with Re Continuous Rating Input Capacity Blows Per Minute (BPM)	470W Our experimental conditions: 1.4 J Concrete (with T.C.T. bit): 18mm (11/16") Steel: 13 mm (1/2") Wood: 24 mm (15/16") 0 - 4,800

Depth Gauge, Side Grip

DHR182RGJ / RFJ / Z 18mm (11/10	5") Cordless Rotary Ha	mmer
BL Motor Delivers 0-1,350 RPM, 0-5,000	BPM and 1.7 Joules of	of Impact Energy
Li-ion Ab 6.0 5.0 3.0 1.5	Impact Energy	EPTA-Procedure 05/2009: 1.7 J
	Capacity	Concrete: 18 mm (11/16") Steel: 13 mm (1/2") Wood: 24 mm (15/16")
DHR182Z	Blows Per Minute (BPM)	0 - 5,000
	No Load Speed (RPM)	0 - 1,350
4	Dimensions	w/BL1830B/BL1840B/
	(LxWxH)	BL1850B / BL1860B:
DHR182RGJ		301x82x285 mm
/ RFJ		(11-7/8"x3-1/4"x11-1/4")
1	Net weight	2.4 - 3.2 kg (5.3 - 7.0 lbs.)
	LXT <u>BL</u> AWS	AVT XPT

Dust Cup (country-specific), Side Grip, Depth Gauge, Battery, Fast Charger, Z: Battery and Charger are sold separately

DHR183RTWJ / Z 18mm (11/16") C		
18V LXT BL AVT Cordless 18 mm (11/16	") Rotary Hammer, SL	S-PLUS, LED light
Li-ion Ab 6.0 5.0 3.0 1.5	Impact Energy	EPTA-Procedure 05/2009: 1.7 J
	Capacity	Concrete: 18 mm (11/16") Steel: 13 mm (1/2") Wood: 24 mm (15/16")
	Blows Per Minute (BPM)	0 - 5,000
	No Load Speed (RPM)	0 - 1,100
	Dimensions (L x W x H)	w/ BL1830B / BL1840B / BL1850B / BL1860B: 288 x 89 x 216 mm (11- 3/8 x 3-1/2 x 8-1/2")
and the second se	Net weight	1.9 - 2.9 kg (4.2 - 6.4 lbs.)
	XI BL AVT XI	PT
Dust cup (country-specific), Side grip, Depth gauge, Ba Z: Battery and Charger are sold separately	ttery, Charger,	

#### HR166DSAE1 / DZ 16mm (5/8") Adapted for SDS-PLUS bits 12Vmax CXT BL Brushless Cordless 16 mm (5/8") Rotary Hammer, SDS-PLUS Bits Li-ion Ah 4.0 2.0 1.5 Impact Energy 1.1 J Capacity Concrete: 16 mm (5/8") Steel: 10 mm (3/8") Wood: 13 mm (1/2") Blows Per Minute (BPM) No Load Speed (RPM) 0 - 4,800 0-680 HR166DSAE1 Sound Power Level Dimensions 97 dB(A) 250x74x187 mm (L x W x H) Net Weight (9-7/8"x2-15/16"x7-3/8") 1.8 - 2.4kg (4.1 - 5.4lbs) HR166DSAE1 HR166DZ 2 5





Concrete: 23 mm (7/8")

Steel: 13 mm (1/2") Wood: 32 mm (1-1/4")

0-4.600

0-1,200

101 dB(A)

2.5kg (8.2ft)

356x77x209mm (14"x3"x8-1/4")

2.7 - 3.1kg (5.9 - 6.9lbs)

Continuous Rating Input 720W

Blows Per Minute (BPM)

No Load Speed (RPM)

Sound Power Level

Power Supply Cord

Dimensions

 $(L \times W \times H)$ Net Weight

Capacity

325





maximum po	werthrust 325
is Rating Input	800W
	Concrete (w/TCT Bit): 26 mm (1") Steel: 13 mm (1/2") Wood: 32 mm (1-1/4")
Ninute (BPM)	0 - 4,600
peed (RPM)	0 - 1,200
ver Level	102 dB(A)
15	361x77x209mm
1	(14-1/4"x3"x8-1/4")
t	3 - 3.4kg (6.5 - 7.5lbs)
oply Cord	2.5m (8.2ft)

New

3 Side Grip, Depth Gauge (Tool does not come with bit)

## HR2652X3 26mm (1") Combination Hammer with Self Dust Collection

Filter Cleaning Mechanism for More Efficient Drilling



325 Continuous rating input 800W EPTA-Procedure Impact Energy 05/2009:2.2 J Concrete : 26 mm (1") Capacity Steel : 13 mm (1/2") Wood : 32 mm (1-1/4") Rlows Per Minute (RPM) 0-4.600 0 - 1,200 No Load Speed (RPM) Dimensions 604x89x260 mm (23-3/4"x3-1/2"x10-1/4") (LxWxH) 3.1 - 4.3 kg (6.9 - 9.6 lbs.) 2.5 m (8.2 ft.) Net weight Power supply cord

## 

Side grip, Depth Gauge, 13mm Drill Chuck SDS Plus, SDS-Plus bit set

## Thakita

#### 41 **ROTARY HAMMER**

EPTA-Procedure 05/2009: 3.9 J

Our experimental

conditions: 4.5 J Concrete (w/ TCT Bit): 30 mm (1-3/16") Concrete (w/ Core Bit):

80 mm (3-1/8")

Concrete (w/ Diamond Core Bit): 80 mm (3-1/8")

Steel: 13 mm (1/2") Wood: 32 mm (1-1/4") 0 - 4,500 0 - 840

4.4 - 4.8 kg (9.7 - 10.6 lbs.) 4.0 m (13.1 ft)

Concrete (with TCT bit)

Concrete (with Core bit):

(18-11/16"x4-3/16"x10-3/8") 6.2kg (13.8lbs)

40mm (1-9/16")

105mm (4-1/8")

479x106x263mm

1.450 - 2.900

5.0m (16.4ft)

250-500

350 🞹

175 🞹

175 🞹

Concrete (with T.C.T. bit):

Concrete (with Core bit):

599x140x287mm (23-1/2"x5-1/2"x11-1/4")

11.9-12.0kg (26.2-26.5lbs) 5.0m (16.4ft)

160mm (6-5/16")

52mm (2")

1,100 - 2,250 150 - 310

Concrete (with T.C.T. bit):

45mm (1-3/4") Concrete (with Core bit):

(18"x4-3/4"x11-3/8") 8.2 - 8.4kg (18.1 - 18.5lbs)

125mm (5")

1,250 - 2,750

5.0m (16.4ft)

458x121x288mm

130 - 280

369 x 98 x 242 mm

350





PRODUCTS

# DEMOLITION HAMMER





40Vmax x2

Bit Grease, Side Grip (country-specific), Wireless Unit (country-specific), Wireless Unit Adapter (country-specific), Cloth, Battery, Charger, Z: Battery and Charger are sold separately





## 44 DEMOLITION HAMMER







PRODUCTS

# **RECIPRO SAW**







### DJR360PT2 / Z 32mm (1-1/4") Cordless Recipro Saw

Improvement in specifications of cutting speed and stroke le



Capacity	Pipe:
	Woo
Length of stroke	32mı
Strokes per minute (spm)	High
	Low :
Sound power Level	96 dE
Dimensions	449x
(LxWxH)	(17-3/
Net weight	4.0kg

ength
Pipe: 130mm (5-1/8")
Wood : 255mm (10") 32mm (1-1/4")
High : 0-3,000
Low : 0-2,300 96 dB(A)
449x116x243mm
(17-3/4"x4-9/16"x9-9/16") 4.0kg (8.9lbs)

 18V x2
 Image: A state of the state of



Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Fast Charger, Batteries, Recipro saw blades, Z: Battery and Charger are sold separately

18V

## 46 RECIPRO SAW







## PRODUCTS

# CUTTING (Masonry & Concrete)







20,000 274 x 105 x 192 mm

New

18V ID IXT BL AFT XPT

Dust Collection Cover, Diamond Wheel, Hex Wrench, Battery, Charger, Z: Battery and Charger are sold separately



### Smooth and powerful cutting at the hight rotational speed

Fast Charger, Battery Cartridge, Diamond Wheel, Hex Wrench, Water Supply Tank Ass'y, DZ: Battery and Charger are sold separately



No Load Speed (RPM) 1,600 Tank Capacity Vibration Level Sound Power Level Dimensions (L x W x H) 95 dB(A) Net Weight

Blade Diameter

Max Cutting Capacity 90°: 25.5 mm (1") 45°: 16.5 mm (5/8") Water : 0.5 L Concrete Cutting: 2.5 m/s<sup>2</sup> 313x170x125mm (12-3/8"x6-11/16"x4-7/8") 1.9kg (4.1lbs)

85 mm (3-3/8")

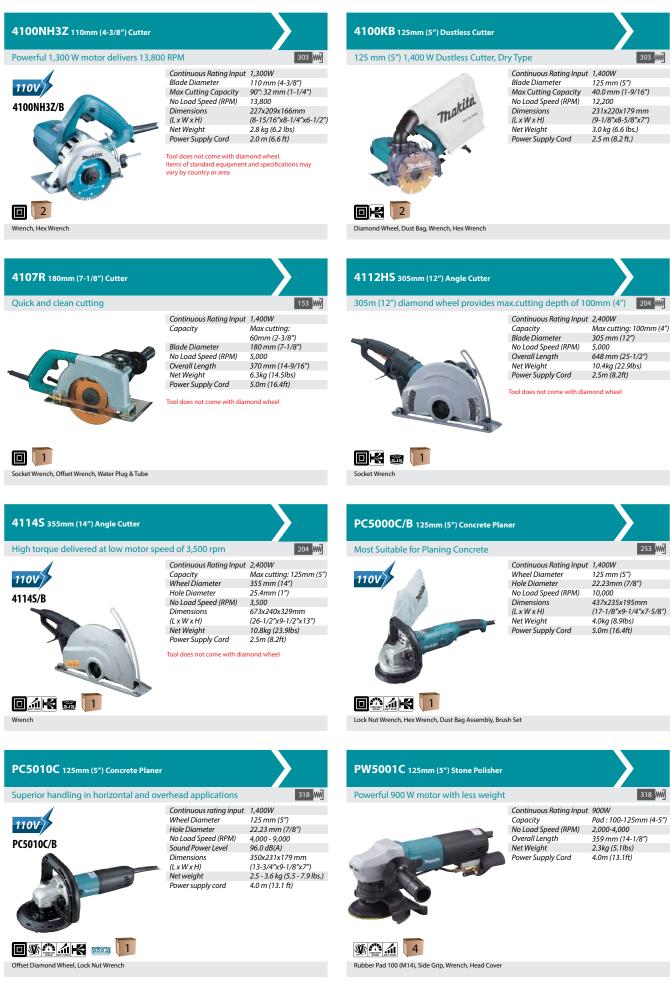


4100NH 110mm (4-3/8") Cutter SG1251J 125mm (5") Wall Chaser 318 🞹 Compact design for perfect handling More powerful cutting in stone, masonry, tile and concrete 303 🞹 Continuous Rating Input 1,400W Continuous Rating Input 1,300W Capacity Depth: Blade Diameter 110 mm (4-3/8") 90°: 34 mm (1-3/8″) . 0-30mm (0 - 1-3/16") Max Cutting Capacity 14,500 234x210x165 mm Width: No Load Speed (RPM) 6-30 mm (1/4 - 1-3/16") Dimensions Blade Diameter 125 mm (5″)  $(L \times W \times H)$ (9-1/4"x8-1/4"x6-1/2") No Load Speed (RPM) 10,000 2.9 kg (6.5 lbs) Net Weight Dimensions 350x151x178mm Power Supply Cord 2.5 m (8.2 ft)  $(L \times W \times H)$ (13-3/4"x5-15/16"x7") 4.3kg (9.5lbs) 5.0m (16.4ft) Tool does not come with diamond whee Net Weight Power Supply Cord 044 📾 🚺 2 Wrench, Socket Wrench (Tool does not come with diamond wheel)

Diamond Wheel x 2, Hex Wrench, Lock Nut Wrench

# 48 CUTTING





## Trakita

makita

PRODUCTS

# METAL CUTTING

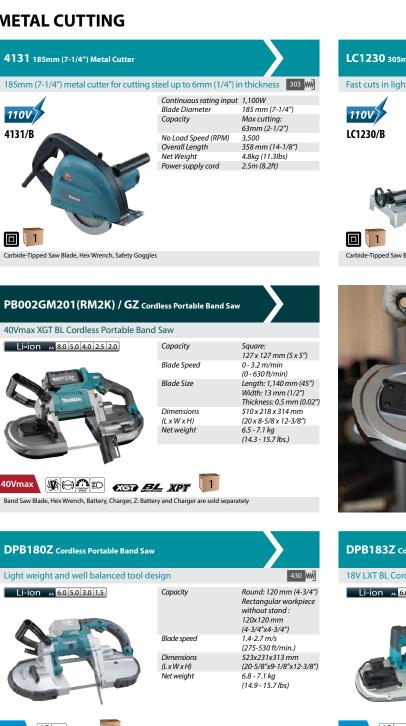


TCT Saw Blade, Hex Wrench, Safety Goggles, Z: Battery and Charger are sold separately

Tipped Saw, Dust Bag, Side Grip, Hex Wrench, Battery, Charger, Z: Battery and Charger are sold separately

### 50 **METAL CUTTING**





Band Saw Blade, Hex Wrench, Hook (country-specific), Battery, Charger, Z: Battery and Charger are sold separately

18V

1



Carbide-Tipped Saw Blade (for mild steel), Socket Wrench, Safety Goggles



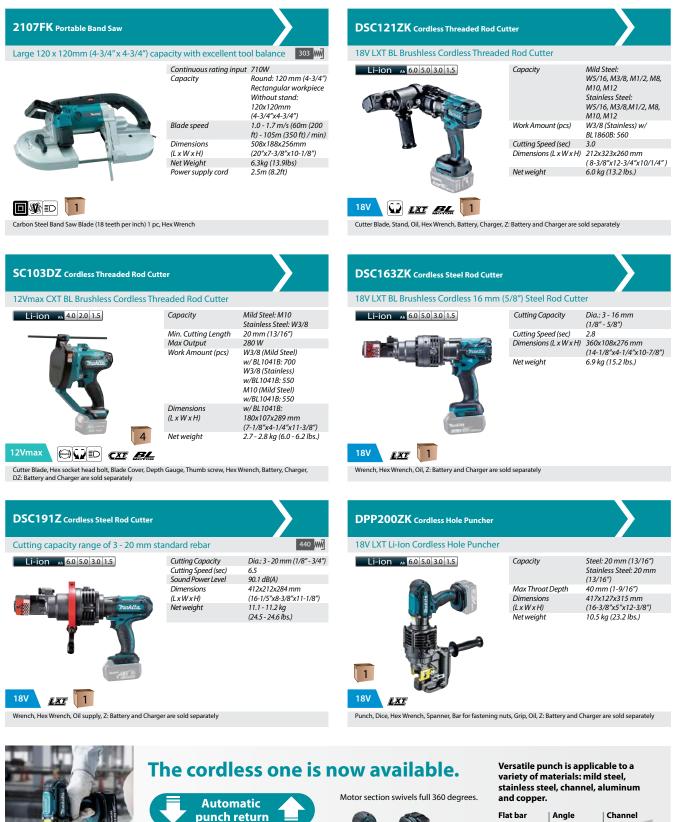
#### DPB183Z Cordless Portable Band Saw 18V LXT BL Cordless Portable Band Saw Li-ion Ah 6.0 5.0 3.0 1.5 Capacity Round: 66 mm (2-5/8") Square: 66 x 66 mm (2-5/8" x 2-5/8") Blade Speed 0 - 3.2 m/s (0 - 630 ft/min.) Dimensions (L x W x H) w/BL1830B/BL1850B/ BL1860B: 392x174x242 mm (15-1/2"x6-7/8"x9-1/2") 3.6 - 3.9 kg (7.9 - 8.6 lbs.) Net weight 18V 18V Band Saw Blade, Hex Wrench, Hook (country-specific), Grip (country-specific), Battery, Charger, Z: Battery and Charger are sold separately Hss Bimetal Band Saw Blade (18 Teeth Per Inch), Hex Wrench, Z: Battery and Charger are sold separately DPB184Z Cordless Portable Band Saw DPB182Z Cordless Portable Band Saw Stable cutting with highly rigid aluminium structure 18V LXT Li-Ion Cordless Portable Band Saw Li-ion Ab 6.0 5.0 3.0 1.5 Round: 51 mm (2") Round: 64 mm (2-1/2") Capacity Li-ion at 6.0 5.0 3.0 1.5 Capacity Square: 51 x 51 mm Rectangular: 64x64 mm $(2'' \times 2'')$ (2-1/2"x2-1/2") 0 - 3.2 m/s (0 - 630 ft/min.) Blade Speed Blade speed 3.2 m/s (630 ft/min.) 477x197x229 mm Dimensions Dimensions ( $L \times W \times H$ ) w/BL1830B/BL1850B/ (LxWxH) (18-3/4"x7-3/4"x9") 3.8 - 4.1 kg (8.3 - 9.0 lbs.) BL1860B: Net weight 373x162x223 mm (14-3/4"x6-3/8"x8-3/4") 3.3 - 3.6 kg (7.3 - 7.9 lbs.) Net weight

18V

ED <u>LXT</u> [] Band Saw Blade, Wheel Cover (country-specific), Hook (country-specific), Hex Wrench, Battery, Z: Battery and Charger are sold separately

## Tnakita.

# METAL CUTTING 51



12 3

Flat bar

Angle

Channel

(Unit: mm)

- Punch

5 8.5

Punching capacity

Max: 80mm x t8

(Center punching)

(Flange punching)

Min: 40mm x 40mm x t3 Max: 80mm x 80mm x t8

Min: 75mm x 40mm Max: 100mm x 50mm

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

After a punching cycle is completed, hydraulic pressure automatically pulls off the punch from workpiece and returns it to the initial position to

enable efficient continuous hole punching.

Pulls off

Punching

Ø20mm / Thickness 8mm For mild steel of 65,000 psi

### 52 **METAL CUTTING**





## Trakita

## METAL CUTTING





Capacity

Min. cutting radius

Dimensions

 $(L \times W \times H)$ 

Net weight

Strokes Per Minute (SPM)



### JS3201J 3.2mm (10Ga) Metal Shear

430

Steel up to 400 N/mm<sup>2</sup>: 1.6 mm Steel up to 600 N/mm<sup>2</sup>: 1.2 mm Aluminum up to 200 N/mm<sup>2</sup>: 2.5 mm

(12-3/8"x3-1/16"x7-7/16")

1.9 - 2.3 kg (4.3 - 5.0 lbs)

Inside edge : 45 mm (1-3/4") Outside edge : 50 mm (2")

1,900 313x78x189 mm Robust design with elastomer coated handle provides easy operation 303



JN1601 1.6mm (16Ga) Nibbler		
2,200 SPM for faster and smooth cutting		411 WW
	Continuous rating input Capacity	550W Steel up to 400 N/mm <sup>2</sup> :
		1.6mm Steel up to 600 N/mm <sup>2</sup> : 1.2mm Steel up to 800 N/mm <sup>2</sup> : 0.8mm Aluminumup to 200 N/mm 2.5mm Outside edge: 50mm (2)
	Min. cutting radius	Inside edge : 45mm (1-3/4
	Strokes Per Minute (SPM)	2,200
	Overall Length	261 mm (10-1/4")
	Net Weight	1.6kg (3.6lbs)
5	Power supply cord	2.0m (6.6ft)
Hex Wrench, Wrench, Punch, Die		



Punch, Die, Wrench 50, Hex Wrench, Washer

DJN161Z 1.6mm (16Ga) Cordless Nibbler

Li-ion Ah 6.0 5.0 3.0 1.5

4

Hex Wrench, Wrench, Punch, Die, Z: Battery and Charger are sold separately

LXT.

18V

Nibbler without cord expands more operating field



Cutter blade, Plate, Hex Wrench 5

Tnakita.

PRODUCTS

# GRINDER





## Tnakita.

## GRINDER 55







40Vmax AFT ( AFT (

Grinding Wheel, Toolless Wheel Cover / Wheel Cover, Side Handle, Lock Nut Wrench, Battery, Charger, Z: Battery and Charger are sold separately



Grinding Wheel, Toolless Wheel Cover, Side Grip, Lock Nut Wrench, Battery, Charger, Z: Battery and Charger are sold separately





**Auto-start Wireless System** 

## Switch on the tool, and Vacuum cleaner is activated

It has been impossible, but now Vacuum cleaner can be automatically activated by Cordless tools with our newly developed wireless system.



Shuts down the tool to protect the user, if the rotation speed suddenly slows down.



and efficiency even for heavy-duty

applications



**Electric brake** maximizes productivity and increases safety for operator

## Tnakita

5

8.500







 18V
 Image: A constraint of the second se

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Grinding Wheel, Wheel Cover, Side Grip, Lock Nut Wrench, Battery, Fast Charger, Z: Battery and Charger are sold separately

18V

🕅 🖂 🖾 🛤 ADT AFT 📼 XPT

## Tnakita.

## GRINDER 59



### 18V 🖂 🔣 💵 😹 ADT AFT 📾 XPT

Fast charger, Battery cartridge, Depressed center grinding wheel, Lock nut wrench, Side grip, Z: Battery and Charger are sold separately











9556HNG 100mm (4") Angle Grinder		
Ergonomic slide switch featured		325 🗤
Travité	Continuous Rating Input Wheel Diameter No Load Speed (RPM) Dimensions (Lx W x H) Net Weight Power Supply Cord	840W 100 mm (4") 11,000 271x118x97 mm (10-5/8"x4-5/8"x3-13/16") 1.6 - 2.0 kg (3.6 - 4.4 lbs.) 2.5 m (8.2 ft.)

## 

Depressed Center Wheel, Side Grip, Wheel Cover, Lock Nut Wrench

#### GA4050R 100mm (4") Angle Grinder 100 mm (4") 1,300 W Angle Grinder, Anti-Restart Function, Paddle Switch 260 ᇞ Continuous Rating Input 1,300W Wheel Diameter No Load Speed (RPM) 100 mm (4″) 11.000 Vibration Level Surface Grinding w/ Normal Side Grip: 6.5 m/s² Sound Power Level 102 dB(A) Dimensions (L x W x H) 325 x 117 x 100 mm (12-3/4 x 4-5/8 x 4-5/16") 2.3 - 2.6 kg (5.1 - 5.7 lbs.) Net Weight Power Supply Cord 2.5 m (8.2 ft)

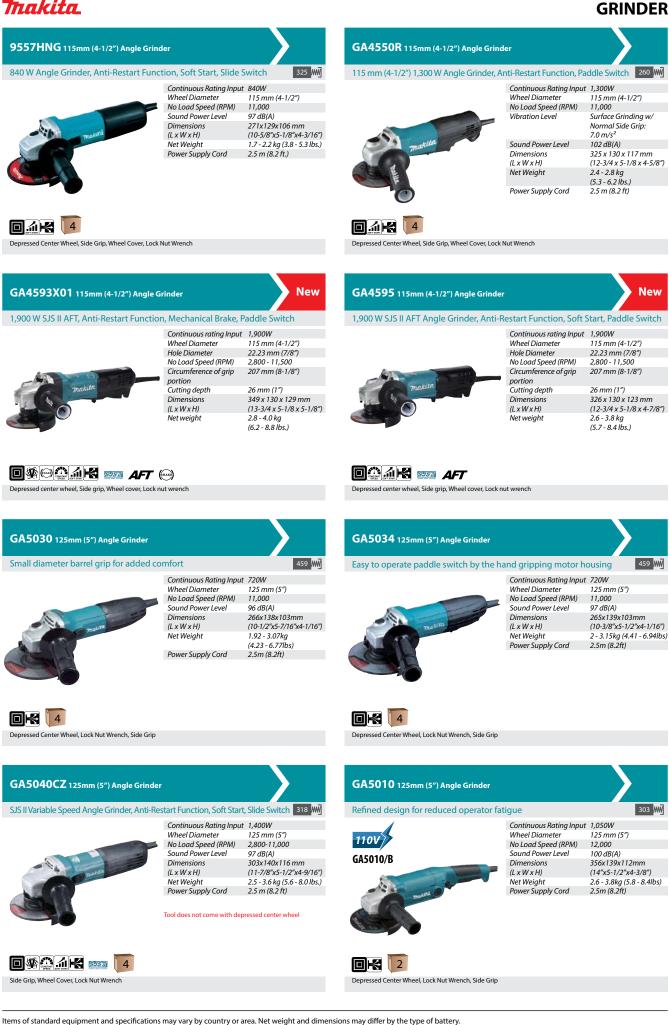
Depressed Center Wheel, Side Grip, Wheel Cover, Lock Nut Wrench





## Thakita

#### 61 GRINDER







## Trakita

### 63 GRINDER

New

430 🞹

Collet : 3 mm - 8 mm

402x82x118 mm (15-3/4"x3-1/4"x4-5/8")

1.7 - 2.2 kg (3.8 - 4.9 lbs)

38 mm (1-1/2″)

26.000

230 mm (9")

6.3 - 8.4 kg

2.5 m (8.2 ft)

499 x 250 x 144 mm

(19-5/8 x 9-7/8 x 5-5/8")

6,600

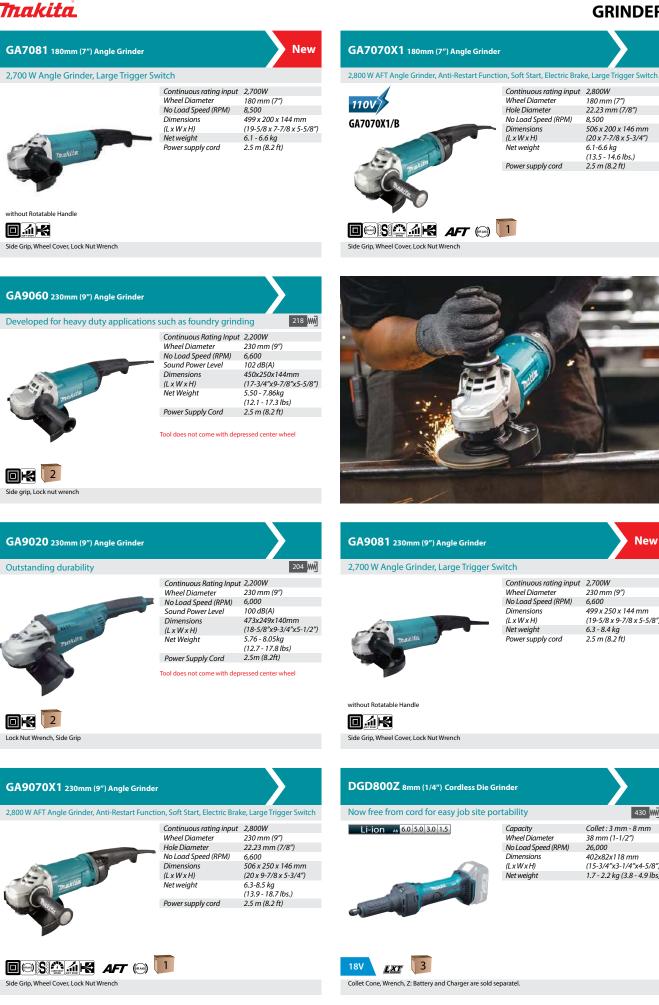
180 mm (7'

22.23 mm (7/8″)

8,500 506 x 200 x 146 mm

(20 x 7-7/8 x 5-3/4")

6.1-6.6 kg (13.5 - 14.6 lbs.) 2.5 m (8.2 ft)



# 64 GRINDER









Wrench (2pcs)







**D** 5

Wrench (2pcs)





## GB602 150mm (6") Bench Grinder

Steady tool	maintenance	from this	light, yet	stable perf	ormer



## GB801 205mm (8") Bench Grinder

Steady tool maintenance from this light, yet stable performer



g Input	550W
	205 mm (8")
	19mm (3/4")
	15.88mm (5/8")
	3/4
PM)	2,850 (50Hz) /
	3,450 (60Hz)
	395x265x333mm
	(15-9/16″x
	10-7/16"x13-7/64")
	19.91 - 19.65kg
	(43.89 - 43.28lbs)



PRODUCTS

# SAWING





18V x2

TCT Saw Blade, Dust Bag, Triangular Rule, Vertical Vise, Hex Wrench, Z: Battery and Charger are sold separately

TCT Saw Blade, Dust Bag, Triangular Rule, Vertical Vise, Hex Wrench, Battery, Charger, Z: Battery and Charger are sold separately

40Vmax



90°: 52 x 300 mm (2-1/16″ x 11-3/4″)

45°: 52 x 212 mm

(2-1/16" x 8-3/8")

190 mm (7-1/2")

(26-3/8"x17"x18") 13.1kg (28.9lbs)

260 mm (10-1/4")

3,200 805x644x660 mm

2.5 m (8.2 ft.)

165 mm (6-1/2")

(1-13/16" x 3-5/8")

340x400x440 mm

(13-3/8"x15-3/4"x17-1/4")

52°L/52°R

46°1 / 46° R 90° Miter: 46 x 92 mm

5,000

97 dB(A)

6.3 - 6.6 kg

(13.9 - 14.6 lbs)

(31-3/4"x25-3/8"x26") 26.3 kg (57.9 lbs.)

60° L / 60° R 90°,90°, 68 / 310 mm 90°,90°,91/279mm (3-5/8°/11″) 90°/45°LR: 68 / 218 mm 90°/45°LR: 91 / 197 mm (3-5/8° / 7-3/4″)

48°L/48°R

60°L/60°F

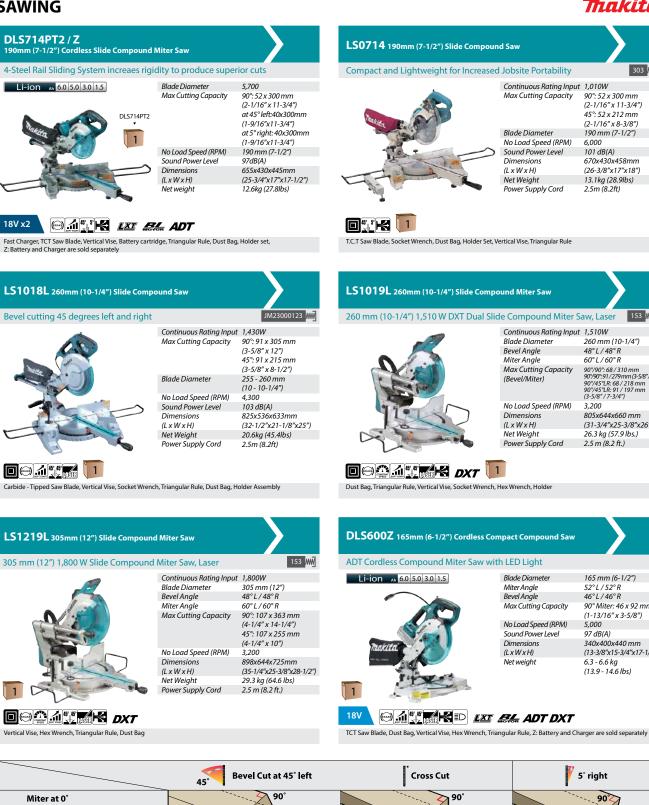
6.000

101 dB(A) 670x430x458mm

2.5m (8.2ft)

303

153 ᇞ



	45° Bevel Cut at 45° left	Cross Cut	7 5° right
Miter at 0°	90°	90°	90
With a 20mm(3/4″) auxiliary wood fence	45x265 40 x 300 mm	90° 60x265 52 x 300 mm	95° 40 x 300 mm
· · · · · · · · · · · · · · · · · · ·	(1 5) (1 - 5) (1 - 5) (1 - 5) (4 )	(2-3/8" x10-3/8") (2-1/16" x 11-3/4" )	(1-9/16" x 11-3/4")
Miter at 45°	<b>45</b> (1-3/4" x7-1/4")	<b>90° 45°</b> 60x185 (2-3/8″ x7-1/4″)	
45° 45°	45	45	-
With a 15mm(3/5") auxiliary wood fence	<b>40 x 212 mm</b> (1-9/16" x 8-3/8" )	<b>52 x 212mm</b> (2-1/16" x 8-3/8" ) <b>90</b> °	
Miter at 57°		60x145	
<b>57°</b>		(2-3/8" ×5-3/4")	
With a 10mm(3/8") auxiliary wood fence	_	<b>52 x 163 mm</b> (2-1/16" x 6-3/8" ) <b>90</b>	-

66

## Trakita



Carbide-tipped saw blade, Vise assembly, Dust bag, Socket wrench 13, Triangular rule, Sub plate assembly, Holder x 2

LH1201FL 305mm (12") Table Top Miter Saw JM23000123 Max. cutting width up to 200mm Continuous Rating Input 1,650W Blade Diameter 305 mm (12") Miter Angle 47°L/52°R **Bevel Anale** 45° L 90°:62x200mm(2-7/16"x7-7/8") 90°:95x155mm(3-3/4"x6-1/8") 45° Miter, L/R:62x135mm (2-7/16"x5-5/16") 45° Miter, L/R:95x110mm (3-3/4"x4-5/16") 90°; Table saw:52mm (2-1/16") 2 900 Max Cutting Capacity No Load Speed (RPM) 3,800 106 dB(A) Sound Power Level Table Size 307 x 465 mm (12-1/8" x 18-1/4") 20.9 kg (46.1 lbs)  $(W \times L)$ Net Weight Power Supply Cord 2.5 m (8.2 ft) Carbide-tipped saw blade, Vertical vise, Dust bag, Guide rule, Ring, Triangular rule, Push stick, Blade cover, Socket wrench, Holder set





Bevel cuts up to 45 degrees to the left and 15 degrees to the right 375009-001

Capacity

Length of Stroke

Overall Length

Net Weight

Continuous Rating Input 50W

Length of Stroke 18 mm (11/16") Strokes Per Minute (SPM) 400-1,600

Thickness of cut :

600 mm (23-5/8")

14.1kg (31lbs)

50mm (2") Throat : 406mm (16")

2712 315mm (12-3/8") Table Saw 315mm table saw with induction motor Max Cutting Capacity 0°: 85 mm (3-3/8") 45°: 58 mm (2-1/4") Blade Diameter 315 mm (12-3/8") 50Hz: 2,950 No Load Speed (RPM) 60Hz: 3,400 Bevel Cutting Capacity 0-45 Dimensions (L x W x H) 1670x700x810mm Net Weiaht 54kg (118.9lbs) 3.0m (9.8ft) Power Supply Cord 1 😽 📢 Tct Saw Blade, Rip Fence, Miter Gauge, Wrenches, Push Stick, Ring

LB1200F 305mm (12") Band Saw 305mm Band Saw with high cutting efficiency Continuous Rating Input 900W Thickness of cut: Capacity 165mm (6-1/2") Throat : 305mm (12") (50Hz)800 (60Hz)1,000m Blade Speed High ((50Hz)2,624 (60Hz) 3,280ft) / min Blade Speed Low (50Hz)400 (60Hz)500m ((50Hz)1.312 (60Hz) 1,640ft) / min 615x775x1,600mm Dimensions  $(L \times W \times H)$ (24-1/4"x30-1/2"x63") 82kg (181.2lbs) Net Weight Power Supply Cord 2.5m (8.2ft)

Saw Blades 6, Hex Wrench, Blade Change Rod (65-3/4"x27-1/2"x32")

S 1 Saw Blades 6, Hex Wrench, Blade Change Rod

SJ401 Scroll Saw





makita

PRODUCTS

# **CIRCULAR SAW**



## Thakita

## **CIRCULAR SAW**

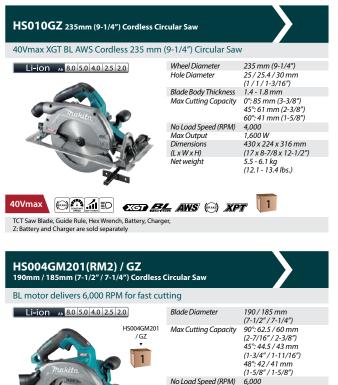
235 mm (9-1/4")

0°: 85 mm (3-3/8")

1.4 - 1.8 mm

15.88/25/25.4/30 mm (5/8/1/1/1-3/16″)





Dimensions (L x W x H)

Net weight

Blade Diameter

Dimensions

 $(L \times W \times H)$ Net weight

Max Cutting Capacity

No Load Speed (RPM)



HS009GZ 235mm (9-1/4") Cordless Circular Saw

Li-ion An 8.0 5.0 4.0 2.5 2.0

40Vmax XGT BL AWS Cordless 235 mm (9-1/4") Magnesium Circular Saw

Wheel Diameter

Max Cutting Capacity

Hole Diameter Blade Body Thickness



TCT Saw Blade, Dust Nozzle, Hex Wrench, Battery, Charger, Z: Battery and Charger are sold separately





🖂 🖾 🔝 😹 AWS ADT 😔 XPT Wireless Unit (country-specific), TCT Saw Blade, Dust Nozzle, Hex Wrench, Guide Rule, Hook, Battery, Charger, Z: Battery and Charger are sold separately

1

Wireless Unit (country-specific), TCT Saw Blade, Sub Base, Hex Wrench, Battery, Charger, Z: Battery and Charger are sold separately

💮 📶 ED 🛛 LXT 😹 AWS ADT 💬 XPT

40Vmax 🖂 🔝 🐲 🚛 🖉 🖓 🖓

Magnesium Circular Saw, Electric Brake, Soft Start, Twin LED Light

TCT Saw Blade, Dust Nozzle, Hex Wrench, Guide Rule, Battery, Charger, Z: Battery and Charger are sold separately

DHS900Z 235mm (9-1/4") Cordless Circular Saw

Li-ion Ah 6.0 5.0 3.0 1.5

18V x2

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

w/BL4025: 322x210x290 mm

(12-5/8″x8-1/4″x11-3/8″) w/ BL4040: 337x210x290 mm

4.4 - 4.7 kg (9.7 - 10.4 lbs.)

(13-1/4"x8-1/4"x11-3/8")

235 mm (9-1/4")

90°: 85 mm (3-3/8") 45°:61 mm (2-3/8")

60°: 44 mm (1-3/4")

(16-1/4"x7-3/4"x12-1/2")

1

5.3 - 6.0 kg (11.7 - 13.2 lbs.)

18V x2

6,000 413x196x316 mm

#### 70 **CIRCULAR SAW**



165 mm (6-1/2")

90°: 57 mm (2-1/4").

45°: 41 mm (1-5/8")

270x186x250 mm

(10-5/8"x7-3/8"x9-7/8")

2.9 - 3.2 kg (6.3 - 7.0 lbs.)

50°: 37 mm (1-7/16")

 $15.88/20\,mm$ 

(5/8" / 13/16")

5,000

104 dB(A)

442 🔊



Blade Diameter 190 / 185 mm (7-1/2" / 7-1/4") 90°: 68.5 / 66 mm Max Cutting Capacity (2-11/16/2-5/8") 45°: 49 / 47.5 mm (1-15/16 / 1-7/8") 50°: 44 / 42.5 mm (1-3/4/1-11/16") No Load Speed (RPM) 4,800 356 x 217 x 298 mm Dimensions  $(L \times W \times H)$ (14 x 8-1/2 x 11-3/4") Net weight 3.9 - 4.6 kg (8.6 - 10.1 lbs.) <u>LXT</u> [1 TCT Saw Blade, Rip Fence (Guide Rule), Hex Wrench, Dust Nozzle (country-specific), Battery, Charger, Z: Battery and Charger are sold separately DHS660RGJ / Z 165mm (6-1/2") Cordless Circular Saw

Blade Diameter

Max Cuttina Capacity

No Load Speed (RPM)

Sound Power Level

Dimensions

 $(L \times W \times H)$ 

Net weight

Hole Diameter

DHS660RGJ

1

DHS660Z

1

Z: Battery and Charger are sold separately DSS501RTE / Z 136mm (5-3/8") Cordless Circular Saw Well balanced tool design for high maneuverability 430 🞹 Li-ion Ab 6.0 5.0 3.0 1.5 Blade Diameter 136 mm (5-3/8") Max Cutting Capacity 90°: 51 mm (2") 45°: 35 mm (1-3/8") No Load Speed (RPM) 3,600 364x183x201 mm (14-3/8″x7-1/4″x7-7/8″) Dimensions (LxWxH) Net weight 2.4 - 2.7 kg (5.3 - 6.0 lbs)

Fast Charger, Battery Cartridge, Carbide-tipped Saw Blade, Guide Rule, Hex Wrench, Z: Battery and Charger are sold separately

#### HS300DW / DZ 85mm (3-3/8") Cordless Circular Saw Lightweight and Compact design Blade Diameter 85 mm (3-3/8") Max Cutting Capacity 90°: 25.5 mm (1") 45°: 16.5 mm (5/8") No Load Speed (RPM) 1,400 300x170x154mm Dimensions (L x W x H) (11-3/4″x6-11/16″x6-1/16″) 1.5 kg (3.3 lbs) Net Weight

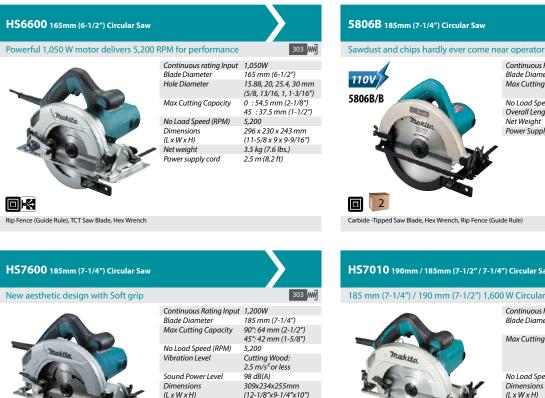
Charger, Battery Cartridge, T.C.T Saw Blade, Hex Wrench, DZ: Battery and Charger are sold separately

## Trakita

TCT Saw Blade, Hex wrench, Rip fence (guide rule)

## CIRCULAR SAW

303 🔊



Net Weight

Power Supply Cord

3.8 kg (8.3 lbs)

2.5 m (8.2 ft)





TCT Saw Blade, Rip Fence (Guide Rule), Hex Wrench, Dust Nozzle (country-specific)

5008MG 210mm (8-1/4") Circular Sav	v		N5900B 235mm (9-1/4″) Circular Saw	,	
Aaximum cutting depth of 75.5mm (3	3″)	153 🛲	Bevel cuts up to 50 degrees		153 ₩
	Continuous Rating Inpu Blade Diameter Max Cutting Capacity No Load Speed (RPM) Dimensions (L x W x H) Net Weight Power Supply Cord	t 1,800W 210 mm (8-1/4") 90°: 75.5 mm (3") 45°: 57 nm (2-1/4") 50°: 51.5 mm (2") 5,200 332x243x277 mm (13-1/8"x9-9/16"x10-7/8") 4.8kg (10.6lbs) 2.5m (8.2ft)		Continuous Rating Inpu Blade Diameter Max Cutting Capacity No Load Speed (RPM) Overall Length Net Weight Power Supply Cord	t 2,000W 235 mm (9-1/4") 90°: 85 mm (3-3/8") 45°: 60 mm (2-3/8") 45°: 60 mm (2-3/8") 4,100 380 mm (15") 6.8kg (14.8lbs) 2.5m (8.2ft)
T Saw Blade, Hex Wrench, Rip Fence (Guide Rule)			T. C. T Saw Blade, Grip, Wrench & Rip Fence		
<b>+S0600</b> 270mm / 260mm (10-5/8" / 10		153 MM	5103N 335mm (13-1/8") Circular Saw	ontrol	152 100
150600 270mm / 260mm (10-5/8" / 10 70 mm (10-5/8") 2,000 W Circular Sav		153         ₩           260 - 270 mm         (10-1/4" - 10-5/8")           90°: 97 mm (3-13/16")         45°; 68 mm (2-11/16")           4,300         105 dB(A)           418×273×324 mm         (16-1/2"x10-3/4"x12-3/4")           (16-1/2"x10-3/4"x12-3/4")         6.9 kg (15.2 lbs)           2.5 m (8.2 ft)         2.5 m (8.2 ft)	5103N 335mm (13-1/8") Circular Saw Huge cutting capacity with efficient of Circular Saw Huge cutting capacity with eff	ontrol Continuous Rating Inpu Blade Diameter Max Cutting Capacity No Load Speed (RPM) Overall Length Net Weight Power Supply Cord	153 W 335 mm (13-1/8") 90°: 128 mm (5") 45°: 91 mm (3-5/8") 2,900 505 mm (19-7/8") 8.9kg (19.6lbs) 5.0m (16.4ft)



PRODUCTS

# **JIG SAW**





Wood: 135 mm (5-5/16") Steel: 10 mm (3/8") 26 mm (1") Strokes Per Minute (SPM) 0-2,600

430

257x73x208 mm (10-1/8"x2-7/8"x8-3/16") 2.7 - 3.0 kg (6.0 - 6.7 lbs)

Cutting capacity in wood : when cutting with optional blade No.B-16L

Fast Charger, Battery Cartridge, Jig Saw Blade Set (No. B-10, Br-13, B-22; 2each), Cover Plate, Anti-splintering Device, Hex Wrench, Z: Battery and Charger are sold separately

er. Makita

Capacity

Length of Stroke

Dimensions

#### JV103DSAJ / DZ Cordless Jig Saw Disabling soft no-load rotation function in operator's preference Li-ion Ab 4.0 2.0 1.5 Max Cutting Capacity Wood: 90mm (3-1/2") at 90° Aluminum: 20mm (13/16") Mild Steel: 10mm (3/8") 23 mm (7/8") Length of Stroke Strokes Per Minute (SPM) 800 - 3,000 Sound Power Level 96 dB(A) 237x76x206 mm (9-3/8″x3″x8-1/8″) Dimensions (L x W x H) JV103DSAJ 1 Net Weight 1.9 - 2.0 kg (4.1 - 4.4 lbs) JV103DZ 5

## 

Jig Saw Blade, Hex Wrench, Cover Plate (country-specific), Dust Nozzle (country-specific), Dust Cover (country-specific), Battery, Charger, DZ: Battery and Charger are sold separately

lless Jig Saw			4327M Jig Saw			
ss Top Handle Jig Saw			High power and Lightwei	ight		64 WW
JVIOIDSAE 3 JVIOIDZ 5	Max Cutting Capacity at 90° Length of Stroke Strokes Per Minute (SPM) Sound Power Level Dimensions (L x W x H) Net Weight	Wood: 65mm (2-9/16") Aluminum: 4mm (5/32") Mild Steel: 2mm (1/16") 18 mm (11/16") 0-2,900 91 dB(A) 232x76x196mm (9-1/8"x3"x7-3/4") 1.8 - 1.9kg (3.9 - 4.3lbs)	TO RAALS		Continuous Rating Input Capacity Length of Stroke Strokes Per Minute (SPM) Dimensions (L× W× H) Net Weight Power Supply Cord	450W Wood: 40 mm (1-9/16") Steel: 6 mm (1/4") 18 mm (11/16") 500 - 3,100 224x77x197mm (8-7/8"x3"x7-3/4") 1.8 kg (4.0 lbs.) 2.0m (6.6ft)
K a			osk [5			
le (country-specific arately	), Battery, Charger,		Jig Saw Blade, Hex Wrench			

Jig Saw Blade, Hex Wrench, Guide Rule (cou DZ: Battery and Charger are sold separately

## Trakita

## **JIG SAW / PLANING & ROUTERING**



IV0600K Jig Saw			
Powerful and Maneuverable		64 🞹	
	Continuous Rating Input	650W	
	Capacity	Wood: 90 mm (3-1/2") Steel: 10 mm (3/8") 23 mm (7/8") 500 - 3,100 236x77x199mm (9-1/4"x3"x7-7/8") 2.4kg (5.2lbs)	
	Length of Stroke		
	Strokes Per Minute (SPM)		
	Dimensions		
Trankite	(L x W x H)		
	Net Weight		
ATT CAL	Power Supply Cord	2.5m (8.2ft)	

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Jig Saw Blade, Hex Wrench

4

5

Jig Saw Blade Set (No. 1, 2 & 3 : 2 each), Rip Fence (Guide Rule), Circular Guide Assembly, Blade Clamp Assembly,

PRODUCTS

# **PLANING &** ROUTERING

### KP001GZ 82mm (3-1/4") Cordless Planer

#### 40Vmax XGT BL AWS ADT Cordless 82 mm (3-1/4") Planer







## 40Vmax 🗐 🖽 🔣 🔊 🖽 🗛 🕼

Planer Blade, Blade Gauge, Guide Rule, Depth Guide, Socket Wrench, Sharpening Holder Assembly (for resharpenable blade), Wireless Unit (country-specific), Battery, Charger, Z: Battery and Charger are sold separately

DKP181Z 82mm (3-1/4") Cordless Planer

### High power BL motor delivers powerful cutting



Planing Width 82 mm (3-1/4") Planing Depth 3 mm (1/8″) Max Shiplappina 25mm (1") No Load Speed (RPM) 12,000 366x156x166 mm Dimensions  $(L \times W \times H)$ (14-3/8"x6-1/8"x6-1/2") 3.3 - 3.6 kg (7.3 - 7.9 lbs.) Net weight



Planer Blade, Blade Gauge, Guide Rule, Socket Wrench, Dust Nozzle, Z: Battery and Charger are sold separately



### KP0800X 82mm (3-1/4") Power Planer

Angle and shape of handle are easy to grip, push and carry



Continuous Rating Input 620W Planing Width Planina Depth No Load Speed (RPM) Dimensions (L x W x H) Net Weight Power Supply Cord

82 mm (3-1/4") 2.5 mm (3/32") 17,000 285x158x158mm (11-1/4"x6-1/4"x6-1/4") 2.8 kg (6.2 lbs) 2.5 m (8.2 ft)

411 🞹

Blade Gauge Assembly, Guide Rule, Planer Blade, Socket Wrench, Sharpening Holder, Shiplapping: 9 mm (11/32")

### 74 **PLANING & ROUTERING**





## 

Sharpening Holder Assembly, Blade Gauge Assembly, Socket Wrench, Planer Blade, Edge Fence (Guide Rule), Shiplapping : 23mm (29/32")

1805N 155mm (6-1/8") Power Planer 153 🞹 Rugged aluminum housing and easy depth settings Continuous Rating Input 1,140W Planing Width 155 mm (6-1/8") Planing Depth 2 mm (1/16") No Load Speed (RPM) Overall Length 15.000 445 mm (17-1/2") Net Weight Power Supply Cord 7.9kg (17.3lbs) 5.0m (16.4ft)

## **K** 1

Sharpening Holder Assembly, Blade Gauge Assembly, Socket Wrench, Planer Blade









Sharpening Holder Assembly, Blade Gauge Assembly, Socket Wrench, Planer Blade

Compact and lightweight for easier t	ransport	153 州
	Continuous Rating Input	
<b>9</b>	Continuous Rating Input Cutting Width	1,650W 304 mm (12″)
	Cutting Depth	Cutting width 0-150mn
	cutting Depth	3mm (1/8")
		Cutting width 150-240mm
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1.5mm (1/16″)
	Feed Rate/min.	8.5m (27.9ft)
	Table Size	304 x 771 mm
	(W x L)	(12" x 30-3/8")
	No Load Speed (RPM) Dimensions	8,500 483x771x401mm
	(L x W x H)	483x771x401mm (19"x30-3/8"x15-13/16
	Net Weight	28.1kg (61.9lbs)
	Power Supply Cord	2.5m (8.2ft)
PJ7000 Plate Joiner		
Cast aluminum pivot fence with three	e positive stops at 0° 45	° and 90° 459 M
Cast aluminum pivot fence with three		
Cast aluminum pivot fence with three	e positive stops at 0°, 45 Continuous Rating Input Blade Diameter	701W
Cast aluminum pivot fence with three	Continuous Rating Input	
Cast aluminum pivot fence with three	Continuous Rating Input Blade Diameter No Load Speed (RPM) Dimensions	701W 100 mm (4″) 11,000 302x139x145mm
Cast aluminum pivot fence with three	Continuous Rating Input Blade Diameter No Load Speed (RPM) Dimensions (L x W x H)	701W 100 mm (4") 11,000 302x139x145mm (11-7/8"x5-1/2"x5-3/4
Cast aluminum pivot fence with three	Continuous Rating Input Blade Diameter No Load Speed (RPM) Dimensions (L x W x H) Net Weight	701W 100 mm (4") 11,000 302x139x145mm (11-7/8"x5-1/2"x5-3/4 2.8kg (6.2lbs)
Cast aluminum pivot fence with three	Continuous Rating Input Blade Diameter No Load Speed (RPM) Dimensions (L x W x H)	701W 100 mm (4") 11,000 302x139x145mm (11-7/8"x5-1/2"x5-3/4
	Continuous Rating Input Blade Diameter No Load Speed (RPM) Dimensions (L x W x H) Net Weight Power Supply Cord	701W 100 mm (4") 11,000 302x139x145mm (11-7/8"x5-1/2"x5-3/4 2.8kg (6.2lbs)
	Continuous Rating Input Blade Diameter No Load Speed (RPM) Dimensions (L x W x H) Net Weight Power Supply Cord	701W 100 mm (4") 11,000 302x139x145mm (11-7/8"x5-1/2"x5-3/4 2.8kg (6.2lbs)
	Continuous Rating Input Blade Diameter No Load Speed (RPM) Dimensions (L x W x H) Net Weight Power Supply Cord	701W 100 mm (4") 11,000 302x139x145mm (11-7/8"x5-1/2"x5-3/4 2.8kg (6.2lbs)
ter Blade, Angle Guide, Dust Bag, Set Plate, Lock	Continuous Rating Input Blade Diameter No Load Speed (RPM) Dimensions (L x W x H) Net Weight Power Supply Cord	701W 100 mm (4") 11,000 302x139x145mm (11-7/8"x5-1/2"x5-3/4 2.8kg (6.2lbs)

No load speed (rpm) 32,000 Max Output 600 W Circumference of Grip 210 mm (8-1/4") Dimensions (L x W x H) w/BL1815N:

Portion

Net weight

293x79x117 mm (11-1/2"x3-1/8"x4-5/8") w/ BL1830B / BL1850B / BL1860B: 311x79x117 mm (12-1/4"x3-1/8"x4-5/8") 1.4 - 1.7 kg (3.1 - 3.7 lbs.)

18V  $\mathsf{Drywall}\,\overline{\mathsf{G}}\mathsf{uide}\,\mathsf{Bit},\mathsf{Collet}\,\mathsf{Cone},\mathsf{Dust}\,\mathsf{Collection}\,\mathsf{Cover},\mathsf{Wrench},\mathsf{Battery},\mathsf{Charger},\mathsf{Z};\mathsf{Battery}\,\mathsf{and}\,\mathsf{Charger}\,\mathsf{are}\,\mathsf{sold}\,\mathsf{separately}$ 

1

## Trakita

# PLANING & ROUTERING



Collet Cone, Timmer Base Assembly, Straight Guide Assembly, Templet Guide (country-specific), Wiench, Trimmer Guide (country-specific), Dust Nozzle, Tilt Base Assembly (country-specific), Offset Base Assembly (country-specific), Plunge Base Assembly (country-specific), Battery, Charger





## RT0700C / CX2 6mm (1/4"), 8mm (3/8") Trimmer

Alumium housing and base for higher durability and accurac



arability and accuracy	y 411 🗤
Continuous Rating Input	710W
Collet Capacity	6mm, 8mm or 1/4", 3/8"
No Load Speed (RPM)	10,000-30,000
Sound Power Level	93 dB(A)
Dimensions	89x89x200mm
(L x W x H)	(3-1/2"x3-1/2"x7-7/8")
Net Weight	1.8 - 2.7kg (3.9 - 6.0lbs)
Power Supply Cord	2.5m (8.2ft)

## 

Trimmer Base Assembly, Straight Guide, Collect Cone X 2, Wrench X 2, Template Guide X 1

<b>N3701</b> 6mm (1/4") Trimmer			3711 6mm (1/4") Trimmer		
ransparent acrylic base for clear view	w of trimming area and	sight line 51 🕅	6 mm (1/4") 530 W Fixed Base Trimmer		
	Continuous Rating Inpu Collet Capacity No Load Speed (PPM) Overall Height Net Weight Power Supply Cord	t 440W 6mm or 1/4" 30,000 181 mm (7-1/8") 1.6kg (3.4lbs) 2.5m (8.2ft)		Continuous rating Input Collet Capacity No Load Speed (RPM) Plunge Capacity Dimensions (Lx W x H) Net weight Power supply cord	530W 6 mm or 1/4" 32,000 0 - 42 mm (0 - 1-5/8") 82 x 90 x 211 mm (3-1/4 x 3-1/2 x 8-5/16' 1.5 kg (3.3 lbs.) 2.5 m (8.2 ft)
4 immer Guide Assembly, Straight Guide Assembly,	Template Guide, Straight Bit (Car	bide-Tipped), Wrench (2pcs.)	Collet Cone, Trimmer Guide, Straight Guide Assembly,	Templet Guide, Straight Bit, Ch	ip Deflector, Wrench
		bide-Tipped), Wrench (2pcs.)		Templet Guide, Straight Bit, Ch	ip Deflector, Wrench
4 immer Guide Assembly, Straight Guide Assembly, RP0900 8mm (3/8") Router (Plunge t ligh durability and good design rour	уре)	bide-Tipped), Wrench (2pcs.)	Collet Cone, Trimmer Guide, Straight Guide Assembly,	Templet Guide, Straight Bit, Ch	ip Deflector, Wrench

Straight Guide, Collet Cone, Wrench, Screw M6x135

Straight Guide, Collet Cone, Wrenches

2

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

75

### 76 **PLANING & ROUTERING / SANDING & POLISHER**

# Trakita





)	alanced router	153 🔤
	Continuous Rating Input	930W
	Collet Capacity	12mm or 1/2"
	No Load Speed (RPM)	23,000
	Overall Height	190 mm (7-1/2")
	Net Weight	3.6kg (7.9lbs)
	Power Supply Cord	5.0m (16.4ft)



## PRODUCTS

# **SANDING &** POLISHER



#### High dust collection rate 95% DSL801Z 225mm (8-7/8") Cordless Drywall Sander Variable Speed Drywall Sander Length adjustable telescopic pipe Li-ion Ah 6.0 5.0 3.0 1.5 Pad diameter 210 mm (8-1/4") Abrasive Disc Size No Load Speed (RPM) 225 mm (8-7/8") **Overall length** 1.000 - 1.800 1,540mm 1,120mm Dimensions 1,120-1,540 x 278 x 273mm $(L \times W \times H)$ (44-60-1/2 x 11 x 10-3/4") 4.6 - 5.8 kg (10.1 - 12.8 lbs.) Net weight **Continuous runtime** MAK IXT EL AWS XPT 1 min 18V Auto-start Wireless System Battery: \*BL1850B Abrasive Disc, Hex Wrench, Tool Bag, Wireless Unit (country-specific), Wireless Unit Adapter (country-specific), Battery, Charger, Z: Battery and Charger are sold separately Photo: DSL801

## Trakita

## SANDING & POLISHER 77



## 78

Abrasive Paper, Dust Bag / Dust Box, Punch Plate, Z: Battery and Charger are sold separately



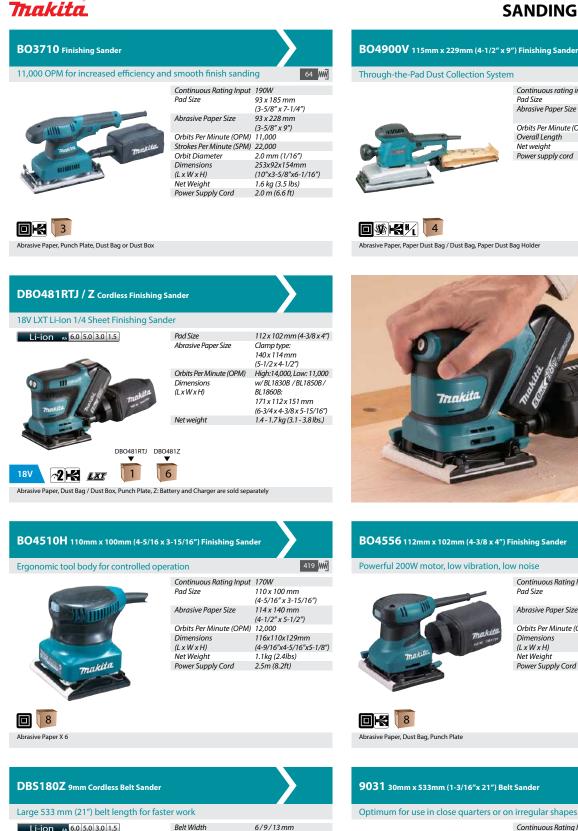


Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Abrasive Paper X 6

## **SANDING & POLISHER**

Continuous rating input 330W





Pad Size

Abrasive Paper Size

Orbits Per Minute (OPM)







Sanding Belt, Grip, Grip Base, Battery, Charger, Z: Battery and Charger are sold separately



419 ᇞ

115 x 229 mm (4-1/2" x 9")

115 x 232 mm

4.000 - 10.000

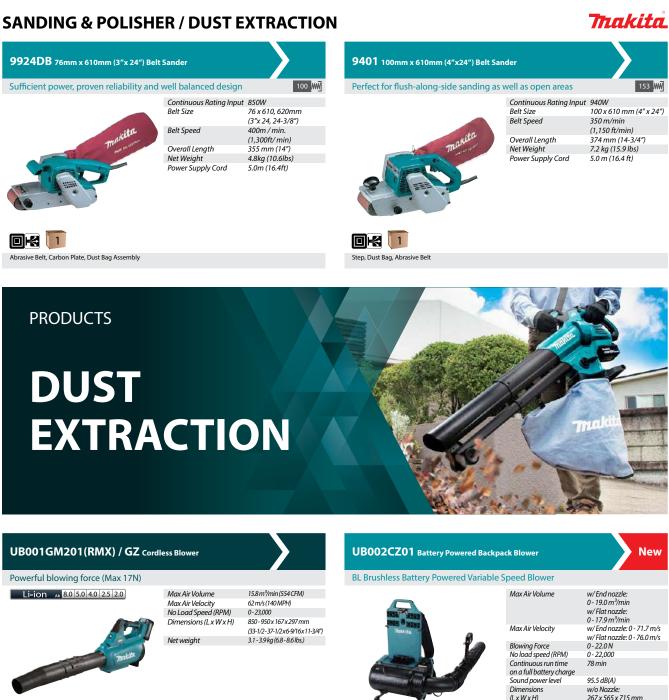
(4-1/2" x 9-1/8")

## 80



(10-1/2 x 22-1/4 x 28-1/8") w/ Nozzle: 1,368 x 694 x 715 mm (54 x 27-1/4 x 28-1/8")

15.9 - 16.1 kg (35.1 - 35.4 lbs.)







High blower performance similar to 50 cm<sup>3</sup> class **4 ()** engine backpack blower Connector **High power** 

Adapter Pipe, Flat Nozzle, Extension Nozzle

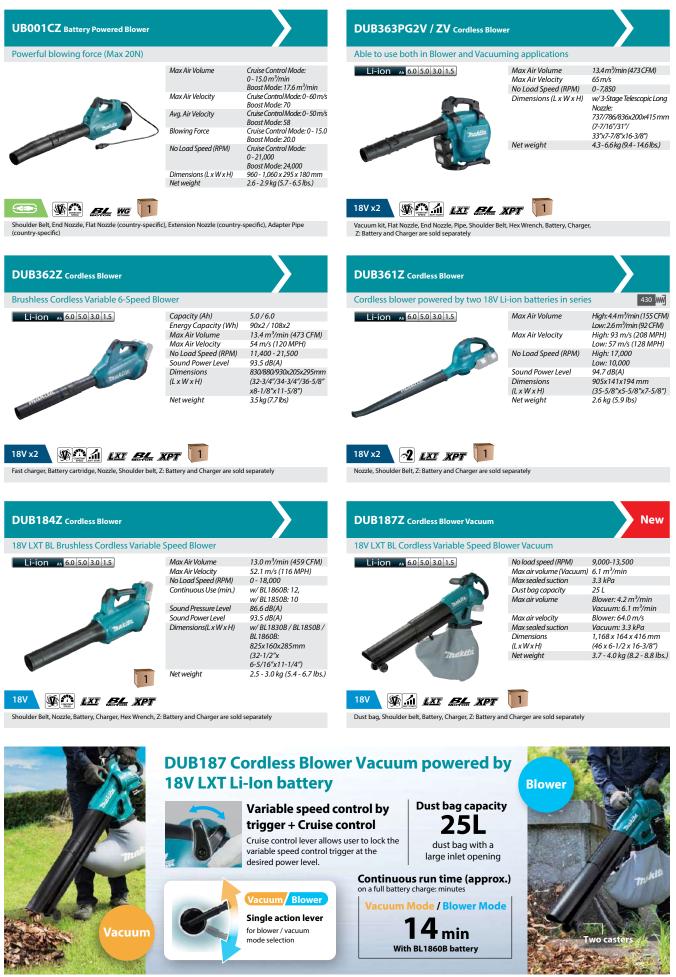
🖗 🏠 😹 🚾 XPT

Net Weight



## Tnakita.

# DUST EXTRACTION 81



# <sup>82</sup> DUST EXTRACTION

## Tnakita.



Nozzle 3, Nozzle 7, Nozzle 13, Pinch valve nozzle, Wide range nozzle, Battery, Charge, Country-specific: Flexible nozzle complete, Air vent hose complete, Rubber attachment 20-30, Rubber attachment, Filter C complete, Belt clip, Z-Battery and Charger are sold separately

DAS180Z Cordless Dust Blower		New
18V LXT BL Cordless Air Duster		
Li-ion 6.0 5.0 3.0 1.5	Air volume Air velocity Air pressure Blowing force Max Sealed Suction	0-1.1 m³/min 0-150 m/s 0-18.0 kPa Mode 1: 0-1.1 N Mode 4: 0-2.8 N 9.3 kPa
	Continuous Use (min.) Dimensions (L x W x H)	BL1860B, Mode 1: 55 BL1860B, Mode 4: 15 w/o Battery: 173 x 92 x 247 mm (6-13/16 x 3-5/8 x 9-3/4")
	Net weight	1.2 - 1.7 kg (2.6 - 3.7 lbs.)
18V ED LAT ESA. Nozzle, Pinch valve nozzle, Wide range nozzle, Flexil Battery, Charger, Z: Battery and Charger are sold sep		r attachment, Filter, Belt clip,





**UB100DZ** Cordless Blower 12Vmax CXT Cordless Variable 3-Speed Blower Max Air Volume 2.6 m³/min Li-ion Ah 4.0 2.0 1.5 Max Air Velocity 75 m/s Max Sealed Suction 4.0 kPa 0 - 15,800 1.8 N No Load Speed (RPM) Blowing Force Run Time (min) w/BL1016, High / Mid / Low: 8/20/45 w/BL1016/BL1021B: Dimensions (L x W x H) 505 x 155 x 184 mm (19-7/8 x 6-1/8 x 7-1/4") w/ BL1041B: 508 x 155 x 202 mm (20 x 6-1/8 x 8") Net weight 1.4 - 1.9 kg (3.1 - 4.2 lbs.) 🕷 🔂 😋 🚺

Nozzle, Dust Bag (country-specific), Flexible Hose (country-specific), Battery, Charger, DZ: Battery and Charger are sold separately

## Thakita

## **DUST EXTRACTION**

0-4.1 m<sup>3</sup>/min 0-5.7 kPa

0-16.000

(0-580 mmH<sub>2</sub>O)

479x185x178mm

2.0kg (4.3bs)

2.5m (8.2ft)

(18-7/8"x7-1/4"x7")

Dust/Water: 15/12L

BI 4050F x 2.220

366 x 334 x 475 mm

(14-3/8 x 13-1/8 x 18-3/4") 8.3 - 10.2 kg (18.3 - 22.5 lbs.)

3.2 m³/min

23 kPa

310 W

Continuous Rating Input 600W

Air Volume

Air Pressure

Dimensions

 $(L \times W \times H)$ 

Net Weight Power Supply Cord

Capacity

Max Air Flow

Suction Power

Dimensions

(LxWxH)

Net weight

Continuous Use (min.)

Max Sealed Suction

No Load Speed (RPM)

303



VC004GLZ (Dry) Cordless Vacuum Cleaner

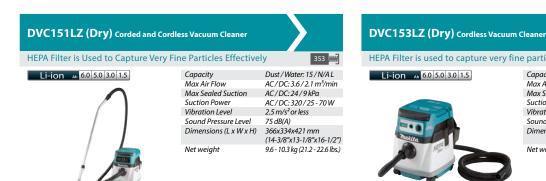
Li-ion Ab 8.0 5.0 4.0 2.5 2.0

18V x2

40Vmax BL AWS Cordless 15L HEPA GYUPPA Vacuum Cleaner

40Vmax





Powder Filter H Set, Damper Set, Pre Filter Set, Hose (38mm-2.5m), Cuff Lock, Stopper, Sleeve, Front cuffs (38,22, 24) Battery, Charger, Wireless Unit, Z: Battery and Charger are sold separately

Capacity

Max Air Flow

Suction Power

Dimensions

 $(L \times W \times H)$ 

Net weight

Continuous Use (min.)

Max Sealed Suction

Dust: 15 L

1.8 m<sup>3</sup>/min

23 kPa

205 W

1

BL4050F x2: 220

366 x 334 x 475 mm

(187-229 lbs)

(14-3/8 x 13-1/8 x 18-3/4") 8.5 - 10.4 kg

> HEPA Filter is used to capture very fine particles effectively Li-ion Ah 6.0 5.0 3.0 1.5 Capacity Max Air Flow Max Sealed Suction Suction Power Vibration Level Sound Pressure Level

Dust/Water: 15/N/AL 2.1 m³/min 9.8 kPa 90 W 2.5 m/s<sup>2</sup> or less 66 dB(A) 366x334x421 mm Dimensions  $(L \times W \times H)$ (14-3/8"x13-1/8"x16-1/2") 8.0 - 8.6 ka (17.6 - 19.0 lbs.)

18V x2 🕸 🔁 ext 😹 xpt 🚺

Floor Nozzle, Corner Nozzle, Straight Pipe, Bent Pipe, Hose (38mm-2.5m), Hose (28mm-3.5m), Plastic Dust Bag, Plastic Dust Bag x10, Cloth Filter, Tool Box, Battery, Charger, Z: Battery and Charger are sold separately

Net weiaht

Floor Nozzle, Corner Nozzle, Straight Pipe, Bent Pipe, Hose (38mm-2.5m), Plastic Dust Bag, Plastic Dust Bag x10, Powder Filter, Tool Box, Connection cord (country-specific), Battery, Charger, Z: Battery and Charger are sold sep

# 84



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Dust/Water: 15/12L AC/DC: 3.6/2.1 m<sup>3</sup>/min AC/DC: 24/9 kPa Max Sealed Suction AC/DC: 320/25 - 70 W 2.5 m/s<sup>2</sup> or less Sound Pressure Level 75 dB(A) 366x334x421 mm Dimensions (L x W x H) (14-3/8"x13-1/8"x16-1/2") 8.9 - 9.6 kg (19.7 - 21.1 lbs.)

Floor Nozzle, Corner Nozzle, Straight Pipe, Bent Pipe, Hose (38mm-2.5m), Plastic Dust Bag, Plastic Dust Bag x10, Cloth Filter, Tool Box, Connection cord (country-specific), Battery, Charger, Z: Battery and Charger are sold separately

Max Air Flow

Suction Power

	DVC860LZ (Wet & Dry) Corded and Cordless Vacuum Cleaner		
ry)	8L Large dust bag capacity enables	continuous cleaning work	353 🔊
2 L	Li-ion 🗚 6.0 5.0 3.0 1.5	Capacity Continuous Use (min.) Max Air Flow	Dust / Water: 8 / 6 L With BL1850B x 2: 65 AC / DC: 3.6 / 2.1 m <sup>3</sup> /min
5-1/2″) ".4 lbs.)		Max Sealed Suction Suction Power Dimensions (L x W x H) Net weight	AC / DC: 24 / 9 kPa AC / DC: 320 / 25 - 70 W 366x334x368mm (14-3/8"x13-1/8"x14-1/2") 8.6 kg (19.0 lbs)
	18V x2		
	DVC860L: Floor Nozzle, Corner Nozzle, Straight Pip x10, Cloth Filter, Tool Box, Connection cord (countr		
	DVC867LZX4 (Dry) Cordless	Vacuum Cleaner	
	18V X2 (36V) LXT BL AWS Cordless 8	L Dust Class L HEPA Vacuur	m Cleaner (Dry only)
	Li-ion Ab 6.0 5.0 3.0 1.5	Capacity Max Air Flow Max Sealed Suction	Dust/Water:8/-L 2.4 m³/min 11 kPa
-1/2")		Suction Power Dimensions (L x W x H)	110W 366x334x368mm (14-3/8"x13-1/8"x14-1/2")

n Cleaner (Dry only)
Dust/Water:8/-L
2.4 m³/min
11 kPa
110W
366x334x368 mm (14-3/8"x13-1/8"x14-1/2")
7.7 - 8.4 kg (17.2 - 18.5 lbs.)

Floor Nozzle, Corner Nozzle, Straight Pipe, Bent Pipe, Hose (38mm-2.5m), Plastic Dust Bag, Plastic Dust Bag x10, Cloth Filter, Tool Box, Battery, Charger, Wireless Unit, Z: Battery and Charger are sold separately

## Trakita

## **DUST EXTRACTION**



Floor Nozzle, Hose, Hose Band, Nozzle assembly, Telescopic pipe assembly, Bent Pipe, Switching nozzle, Free Nozzle, Dust Bag, Front Cuffs (22, 24), Battery, Charger, Z: Battery and Charger are sold separately

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

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Floor Nozzle, Flexible rubber nozzle, Telescopic pipe assembly, Hose complete 28-1.0, Bent Pipe, Hose band, Filter bag (Paper dust bag), Z: Battery and Charger are sold separately



## Thakita

## **DUST EXTRACTION**



Seat Nozzle, Mat Nozzle, Rubber Nozzle, Soft Brush, Blower Attachment, Dust Bag, Paper Dust Bag, Shoulder Belt, Battery, Charger, Z: Battery and Charger are sold separately





Battery Charger, Battery Cartridge, Nozzle Assembly, Sash Nozzle, Sash nozzle holder, Straight pipe, Filter, DZ: Battery and Charger are sold separately

	173 🝿
Continuous Rating Input Max Peak Air Ow Max Sealed Suction (Water Column) Tank Capacity Dimensions (L x W x H) Net Weight Power Supply Cord	1,050W 2.0m <sup>3</sup> /min 22.0 kPa (2,240 mmH,O) Dust: 25 L Water: 14 L 432x416x451mm (17"x16-3/8"x17-3/4") 10.5kg (23.2lbs) 5.0m (16.4ft)

Hose Complete 28-3.5 (with Front Cuffs 38), Holder 10-33, Front Cuffs 22, Front Cuffs 24, Plastic Dust Bag Set



Max. sealed suction 21kPa Tank capacity Dust: 20L Max Air Flow 1.2m	/64/40/25
Tank capacity Dust: 20L Max Air Flow 1.2 m	
	n*/min
Water: 13L Max Sealed Suction 21 kPc	Pa
Dimensions 375x 385 x 505mm (water column) (2,100	00 mmH₂O)
(LxWxH) (14-7/6"x15-1/5"x Suction Power w/Ea:	asy Shake Off Filter,
19-8/8") 1/2/.	/3/4:
Net Weight 7.5kg (16.5lbs) 20/42	45/70/125W
Power supply cord 5.0m (16.4ft) Dimensions (Lx W x H) w/BL-	L4020/BL4025:
GD126 G712	6 x 113 x 152 mm
w/BL-	L4040:
	1 x 113 x 152 mm
<b>2 4</b> Netweight 1.7-2	2.3 kg (3.5 - 5.1 lbs.)

Filter Bag - Fleece, Disposal Bag - Plastic, Suction Hose, Suction Tube , Hand tube , Floor Nozzle, Nozzle Universal, Crevice Nozzle

Floor Nozzle, Sash Nozzle, Sash Nozzle Holder, Pipe, Filter H, Easy Shake Off Filter, Battery, Charger, Z: Battery and Charger are sold separately

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

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### 88 **DUST EXTRACTION**





## Tnakita.

# DUST EXTRACTION 89



Floor Nozzle, Sash Nozzle, Sash Nozzle Holder, Pipe, Battery, Charger, Dust Bag, Paper Dust Bag, DZ: Battery and Charger are sold separately



CL102DWX Cordless Cleaner 20W High suction power in Turbo mode Li-ion Ah 1.3 Cloth dust bag: 500mL Paper dust bag: 330mL Capacity Continuous Use (min.) High: 13, Low:21 (with BL1013) Max Air Flow 1.1m<sup>3</sup>/min Max Sealed Suction 2.7kPa (water column) (270mmH\_O) 984 x 113 x 150mm Dimensions  $(L \times W \times H)$ (38-3/4"x4-7/16"x5-7/8") 1.1kg (2.4lbs) Net weight (with BL 1013) 4 10.8V **~2** Nozzle Assembly(T-nozzle), Sash Nozzle, Pipe(Extension Pipe), Sash Nozzle Holder, Cloth Dust Bag, Paper Dust Bag 5 Units, Z: Battery and Charger are sold separately CL105DWR / DWX Cordless Cleaner 20W High suction power in Turbo mode



Charger DC1001 (Charging time: 180 min. [approx]), Nozzle Assembly, Sash Nozzle, Sash Nozzle Holder, Pipe, Cloth Dust Bag, Paper Dust Bag



Floor Nozzle, Sash Nozzle, Sash Nozzle Holder, Pipe, Filter, Prefilter, Battery, Charger, DZ: Battery and Charger are sold separately



CL104DWYX Cordless Cleaner		
20W High suction power in Turbo mo	ode	
Li-ion Ab 1.5	Capacity	Dust Bag: 500 mL Paper Pack: 330 mL
	Continuous Use (min.)	Turbo/High/Low: 7/10/20
50	Max Air Flow	1.3 m³/min
	Max Sealed Suction	3.2 kPa
	(water column)	(326 mmH₂O)
	Dimensions	983x113x136 mm
	(L×W×H)	(38-3/4"x4-7/16"x5-3/8")
	Net weight	1.1 kg (2.3 lbs)
10.8V 🛪 🚮		

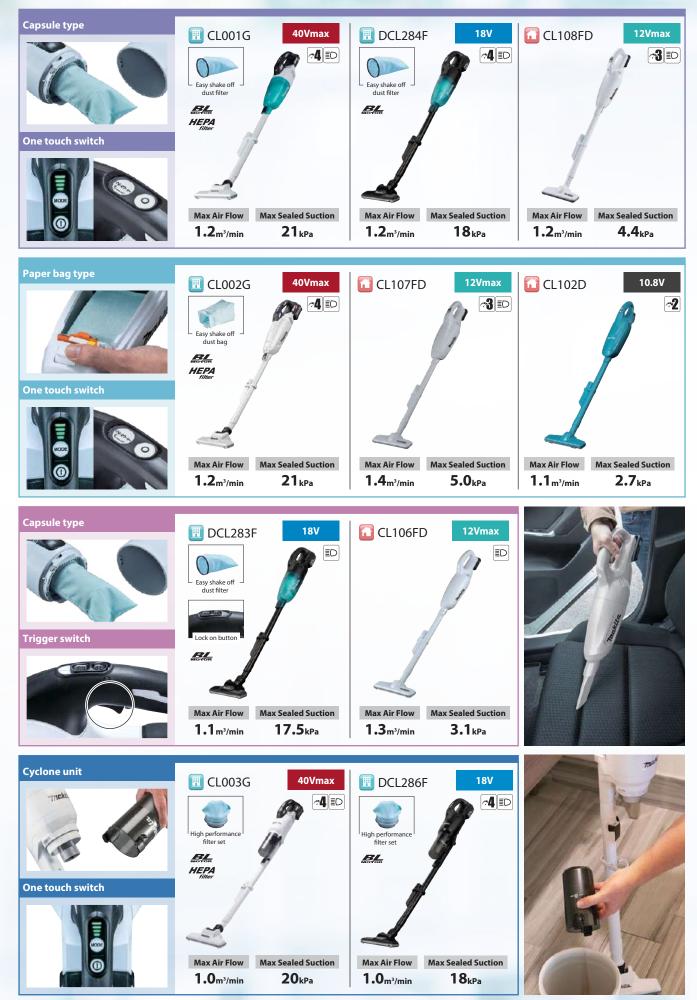
Charger DC1001(Charging time: 180 min. [approx]), Nozzle Assembly, Sash Nozzle, Sash Nozzle Holder, Pipe, Cloth Dust Bag, Paper Dust Bag

DVC350Z Cordless Vacuum Cleaner		Limited Qty
Cordless design for high portability		
Li-ion an 60/50/30/1.5	Max Air Flow Max Sealed Suction (water column) Recoverable capacity Dimensions (L x W x H) Net weight	1.4 m <sup>3</sup> /min 6.0 kPa (612 mmH <sub>2</sub> O) Dust: 3.0 L (0.8 gal) 273x195x226 mm (10-3/4"x7-5/8"x8-7/8") 2.2 - 2.4 kg (4.8 - 5.3 lbs)
18V 2 📶 🛲 🚺		

Nozzle Assembly, Dust Bag Assembly, Hose Complete, Shoulder Belt, Z: Battery and Charger are sold separately

## <sup>90</sup> DUST EXTRACTION

## Tnakita.



## Thakita

## **DUST EXTRACTION**



## 🖸 Home

Building

- D Built-in Job Light
- **2** Electronic 2-Speed
- Electronic 3-Speed
- 4 Electronic 4-Speed



## Dust classes in accordance with the EU standard

Since 1997, hazardous dusts have been categolized into 3 (three) classes, namely, Class L, Class M and Class H, which is regulated by IEC60335-2-69 (world wide ) and by EN 60335-2-69. The vacuum cleaners suitable for each of dust class have been also defined by these regulations as follows :

Dust class	Model No.	Definition Of Dust	Major requirement	Dust permeability *4
н	VC3211H	*OEL values >0.1mg/m <sup>3</sup> all kinds of dusts caused cancer, disease.	<ul> <li>Air flow sensor</li> <li>Filter protection structure *1</li> <li>Structure that requires a tool for filter removal/installation *2</li> <li>Structure that protects users from exposure to dust when emptying dust bag *3</li> </ul>	less than 0.005%
М	VC3211M, VC2211M, VC4210M, VC3012M,	*OEL values >0.1mg/m <sup>3</sup> as well as saw dust	Air flow sensor     Filter protection structure *1	less than 0.1%
L	VC1310L, VC2510L, VC3210L, DVC860L, DVC861L, DVC865L, DVC866L, DVC867L, DVC750L, DVC150L, DVC151L, DVC155L, DVC156L, DVC157L, VC4210L, VC2012L, VC2512L, VC3011L,VC3012L	*OEL values >1mg/m <sup>3</sup>		less than 1%



Apart from the above standard regulated by IEC/EN 60335-2-69, "HEPA" is widely recognized as one of famous *filter* guidelines of the filtration efficiency

According to this standard, the filter of "HEPA " should remove more than 99.75% of airborne particles of 0.3µm in diameter.

Thus, it stipulates only a filtration efficiency of the filter itself, while IEC/EN60335-2-69 defines the vacuum machine suitable for each dust class (construction, mechanical strength of machine) as well as its dust permeability. In this sense, Dust Class H vacuum cleaner does not always have to be equipped with HEPA filter as long as it meets the requirements of IEC/EN60335-2-69. Another difference between HEPA testing methods and the IEC/EN60335-2-69 is the dust loading.

Filter elements for dust classes M and H are to be tested with the limestone dust particles in large quantities for checking the physical strength of filter, while HEPA tests are done with very small liquid droplets.

- OEL : Occupation Exposure Limit
- In dirty indoor environment with high activity, such as schools, the average values of OEL are measured 0.5mg/m<sup>3</sup>. In case of "non-activity place", 0.15mg/m<sup>3</sup> in office and 0.2mg/m<sup>3</sup> in school are measured in average.
- \*1 Filters should be protected from sharp objects such as nails when they are accidentally sucked up. The solution for VC3211M/ VC3211H is a protector for the filter units.
- \*2 Filters loaded with dust should not be easily removed. The solution for VC3211H is a screw that locks the filter unit lock lever to the lock plate.
- \*3 Dust should be prevented from flying around when emptying dust bags or replacing filters. The solution for VC3211H is the filter bag already available as an optional accessory of VC3211M.
- \*4 Permeability of limestone (marble) particles having a diameter of 5 microns or less, in accordance with the EU standard

91

### 92 **POWER CUTTER**

Tnakita.

## PRODUCTS

# **POWER CUTTER**

CE002GZ 355mm (14") Cordless Power Cutter

Li-ion Ab 8.0 5.0 4.0 2.5 2.0

Wheel Diameter

Dimensions

 $(L \times W \times H)$ 

Net weight

Wheel Diameter

Dimensions (L x W x H) Net weight

Max Cutting Capacity

No Load Speed (RPM)

40Vmax x2 🕞 🛃 🐼 🚛 AFT AWS 🚺 Wrench, Ring, Hose clamp, Battery, Charger, Z: Battery and Charger are sold separately

CE001GZ01 355mm (14") Cordless Power Cutter

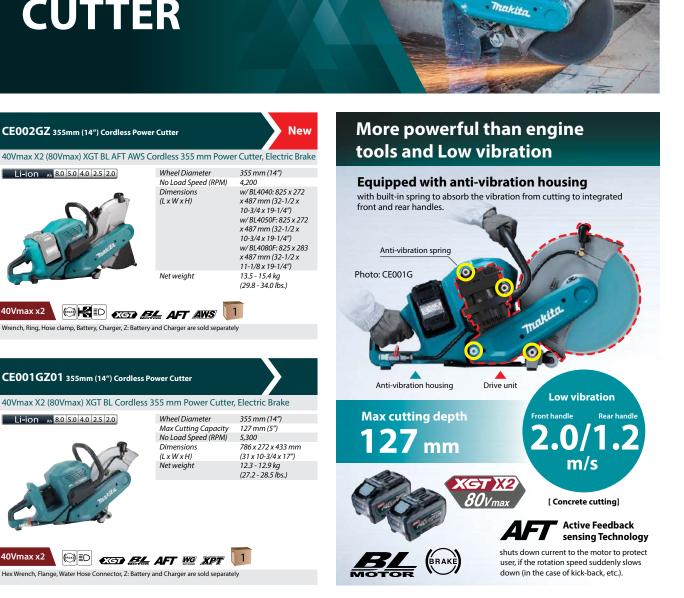
Li-ion Ab 8.0 5.0 4.0 2.5 2.0

40Vmax x2

No Load Speed (RPM)

4 200

5.300





🗐 🗹 🐼 🚮 😹 AFT 🜿 XPT

Hex Wrench, Flange, Water Hose Connector, Z: Battery and Charger are sold separately

#### DCE090ZX2 230mm (9") Cordless Power Cutter BL motor delivers 6,000 RPM Li-ion Ah 6.0 5.0 3.0 1.5 Wheel Diameter 230 mm (9") Wheel Hole Diameter Max Wheel Thickness 22.23 mm (7/8") 3.0 mm (1/8") Max Cutting Capacity 88 mm (3-1/2") No Load Speed (RPM) 6,600 . Dimensions (L x W x H) 554x241x283mm (21-3/4"x9-1/2″x11-1/8″) Net weight 5.6 - 6.3 kg (12.3 - 13.9 lbs.)

1

Hex Wrench, Flange, Water Hose Connector, Z: Battery and Charger are sold separately

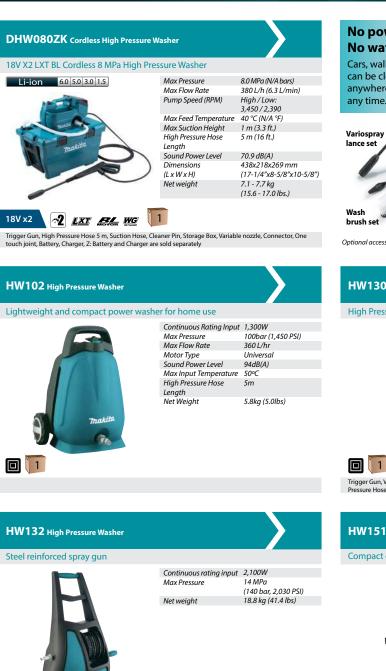
MID IXT SH. AFT ( XPT

18V x2



PRODUCTS

# PRESSURE WASHER





Thakita

HW1300 High Pressure Washer		
High Pressure Washer with Self-Priming	Function	203
	Continuous Rating Input Max Pressure Max Flow Rate Max Feed Temperature Sound Pressure Level High Pressure Hose Length	1,800W 13MPa 450 L/hr 40 °C (104 °F) 76 dB(A) 10m
Thakila	Dimensions (L x W x H) Net Weight Cord Length	292x358x830 mm(11- 1/2"x14-1/8"x32-3/4") 12.7 kg (28.0 lbs.) 5m

Trigger Gun, Vario-Power Spray Lance, Cyclone jet nozzle, Detergent Bottle, Cleaner Pin, Coupling Sleeve, High Pressure Hose 10 m, Water Hose Connector, Foam Nozzle, Connector

### HW151 High Pressure Washer

Compact design, large operating range and efficient cleaning performance

C

Continuous Rating Input	2,500W
Max Pressure	15MPa (2,175 PS
Max Flow Rate	500 L/hr
Motor Type	Induction
Sound Power Level	88dB(A)
Max Input Temperature	50°C
High Pressure Hose Length	10m(32.8ft)
Net Weight	26.9kg (23.3lbs)

2 50014

0.11



PRODUCTS

# **HEAT GUN**



Max 550 degrees Celsius air temperature for a wide range of cordless works



ttery and Charger are sold separately

7. Bat

DHG181ZK Cordless Heat Gun

Air Temperature (°C) 550°C . Air Flow Stage 1: 120 L/min Stage 2: 200 L/min Dimensions  $(L \times W \times H)$ w/o Battery: 173 x 79 x 208 mm (6-3/16 x 3-1/8 x 8-3/16") w/BL1815N/BL1820B: 173 x 79 x 237 mm (6-3/16 x 3-1/8 x 9-3/8") w/BL1830B/BL1850B/ BL1860B: 173 x 79 x 255 mm (6-3/16 x 3-1/8 x 10") 1.0 - 1.3 kg (2.2 - 2.9 lbs.) Net weight



Air Temperature (℃) 550°C Air Flow 200 L/min Dimensions (L x W x H) w/o Battery: BL1860B: 1.0 - 1.3 kg Net weight (2.2 - 2.9 lbs.)

168 x 79 x 205 mm (6-5/8 x 3-1/8 x 8-1/8") w/BL1815N/BL1820B: 168 x 79 x 234 mm (6-5/8 x 3-1/8 x 9-1/4") w/BL1830B/BL1850B/ 168 x 79 x 251 mm (6-5/8 x 3-1/8 x 9-7/8")

Glass protection nozzle, Wide slot nozzle, Reflector nozzle, Reduction nozzle, Battery, Charger, Z: Battery and Charger are sold separately





## Trakita

### 95 HEAT GUN / NAILER

50 - 650

200 - 550 L/min 257x85x206 mm (10-1/8″x3-3/8″x8-1/8″)

0.71 kg (1.6 lbs.) 2.0 m (6.6 ft)





Glass protection nozzle, Reflector nozzle, Reduction nozzle, Wide slot nozzle

### HG6531CK Heat Gun

Durable and powerful heat gun with variable temperature control and LCD display



HG6530VK Heat Gun

Durable and powerful heat gun wi

Air Temperature (°C)         50 - 650           Air Flow         Stage 1: 280 L/min Stage 2: 280 L/min           Dimensions (L x W x H)         253x85x205 mm (10"x3-3;8"x8-1/8")           Net weight         0.73 kg (1.6 lbs.)           Power supply cord         2.0 m (6.6 ft)	Continuous rating input	2,000W
Stage 2: 280 L/min Stage 3: 550 L/min Dimensions (L x W x H) 253x85x205 mm (10"x3-3/8"x8-1/8") Net weight 0.73 kg (1.6 lbs.)	Air Temperature (°C)	50 - 650
(10"x3-3/8"x8-1/8") Net weight 0.73 kg (1.6 lbs.)	Air Flow	Stage 2: 280 L/min
	Dimensions (L x W x H)	253x85x205 mm
Power supply cord 2.0 m (6.6 ft)	Net weight	0.73 kg (1.6 lbs.)
	Power supply cord	2.0 m (6.6 ft)



Glass protection nozzle, Wide slot nozzle, Reflector nozzle (Nozzle B)



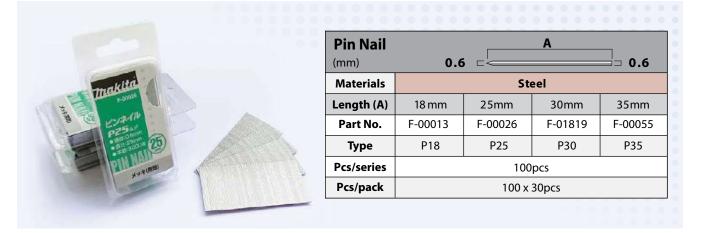






Nose Adapter, Safety Goggles, Belt Clip, Hex Wrench, Battery, Fast Charger, Z: Battery and Charger are sold separately

Nose Adapter, Safety Goggles, Belt Clip, Hex Wrench, Battery, Charger, Z: Battery and Charger are sold separately





## Trakita





Capacity -	Length Gauge	15 - 50 mm (5/8" - 2") 18 Ga
Operating Press	ure	0.49 - 0.83 MPa (70 - 120 PSI)
Magazine Capa	city	100
Dimensions (L x W x H)		250x70x256 mm (9-7/8"x2-3/4"x10-1/8")
Net Weight		1.3 kg (2.9 lbs.)

100





Safety Goggles, Nose Adapter, Belt Clip, Battery, Charger, Z: Battery and Charger are sold separately



## 10

With Safety Pin Preventing Accident Operation, Oil, Hex Wrench

AF301 Pneumatic Nailer

### AF635 64mm (2-1/2") Pneumatic Finish Nailer 15 GA Pneumatic Finish Nailer, Air Duster Length 32-64 mm (1-1/4"-2-1/2") Capacity -Gauge 15 Ga 0.49 - 0.83 MPa (70 - 120 PSI) Operating Pressure Magazine Capacity 100 Dimensions (L x W x H) 339x100x309 mm (13-3/8"x3-15/16"x12-1/8") Net Weight 1.8 kg (4 lbs.)

Safety Goggles, Oil supply, Nose Adapter

DST421ZK Cordless Stapler		
18V LXT Li-Ion Cordless 4 mm J Wire Sta	pler	
Li-ion A5 6.0 5.0 3.0 1.5	Staple	Width: 4 mm (N/A") Length: 13 - 25 mm (1/2" - 1") Size: 1.2 x 0.6 mm
	Magazine capacity	100
	Shot q'ty on a single full battery charge	w/BL1860B: 4,800
	Dimensions (L x W x H)	w/ BL1815N: 244x79x216 mm (9-5/8"x3-1/8"x8- 1/2") w/ BL1830B / BL1850B / BL1860B: 260x79x216 mm (10-1/4"x3-1/8"x8-1/2")
	Net weight	2.2 - 2.5 kg (4.9 - 5.5 lbs.)
Safety Goggles, Nose Adapter, Belt Clip, Battery, Charge	r, Z: Battery and Charger are s	old separately





With Safety Pin Preventing Accident Operation, Oil, Hex Wrench

## 98 SPECIALITY TOOLS



**PRODUCTS** 

# SPECIALITY TOOLS



## Trakita

DVP181ZK Cordless Vacuum Pump

Li-ion Ab 6.0 5.0 3.0 1.5

<u>LXT</u> 1

Li-ion Ah 6.0 5.0 3.0 1.5

DTM52RTJX2 / Z Cordless Multi Tool

Long run time of 50 minutes with a fully charged BL1850B (5.0Ah)

Vacuum Pump Oil, Adapter, Battery, Charger, Z; Battery and Charger are sold separately

Tool-less accessory clamp for quick installation and replacement

Flow rate

Inlet port

Dimensions

(LxWxH)

Net weight

Oscillations Per Minute (OPM)

Oscillation Anale

Dimensions

(LxWxH)

Net weight

Ultimate vacuum

Motor speed Oil Tank Capacity

# SPECIALITY TOOLS





#### 18V 🖸 LET <u>BL</u> XPT

Nylon brush, Hex Wrench, Hook, Z: Battery and Charger are sold separately

### DVP180Z Cordless Vacuum Pump

New

113 L/min

3,200 min<sup>1</sup>

5/16/3/8"

8.1 - 8.2 kg (17.9 - 18.1 lbs.)

10,000 - 20,000

BL1860B: 322 x 95 x 126 mm (12-5/8 x 3-3/4 x 5")

Left / Right / Total: 1.8° / 1.8° / 3.6°

w/BL1830B/BL1850B/

1.7 - 2.0 kg (3.7 - 4.4 lbs.)

383 x 193 x 210 mm (15-1/8 x 7-5/8 x 8-1/4″)

300 mL

3 Pa

Long run time of 50 minutes with a fully charged BL1850B (5.0Ah)

Flo

l llt

Mc Oil

Inle

Dir (L)

Ne

Li-ion Ah 6.0 5.0 3.0 1.5



ow rate	50
timate vacuum	20
otor speed	3,8
Tank Capacity	11
et port	5/
mensions	26
кWхH)	(1
t weight	3.5

) L/min Pa (150 microns) 840 min<sup>-1</sup> 15 mL 16″ 65x93x175 mm 0-3/8"x3-5/8"x6-7/8") 5 kg



Pump oil, Adapter, Battery, Fast Charger, Z: Battery and Charger are sold separately

## DTM51Z Cordless Multi Tool Tool-less accessory clamp for quick installatio

#### Oscill (OPM Li-ion Ah 6.0 5.0 3.0 1.5



on and replacem	lent
lations Per Minute 1)	6,000 - 20,000
lation Angle	Left/Right/Total: 1.6°/1.6°/3.2°
d Power Level	Plunge Saw Blade: 92 dB(A)
ensions	Scraping: 91 dB(A) 340x80x122 mm
/ x H)	(13-3/8"x3-1/8"x4-13/
/eight	2.0 - 2.4 kg (4.4 - 5.3





MARIO IXI BL AVT XPT Oscillating Multi Tool Accessories, Dust Attachment (country-specific), Tool Box (country-specific), Battery, Charger, Z: Battery and Charger are sold separately

8 18V

Fast Charger, Battery Cartridge, Oscillating Multi Tool Accessories, Hex Wrench, Z: Battery and Charger are sold separately

Cutting window putty, silicone



Removal of window frame



Copper pie flush cutting

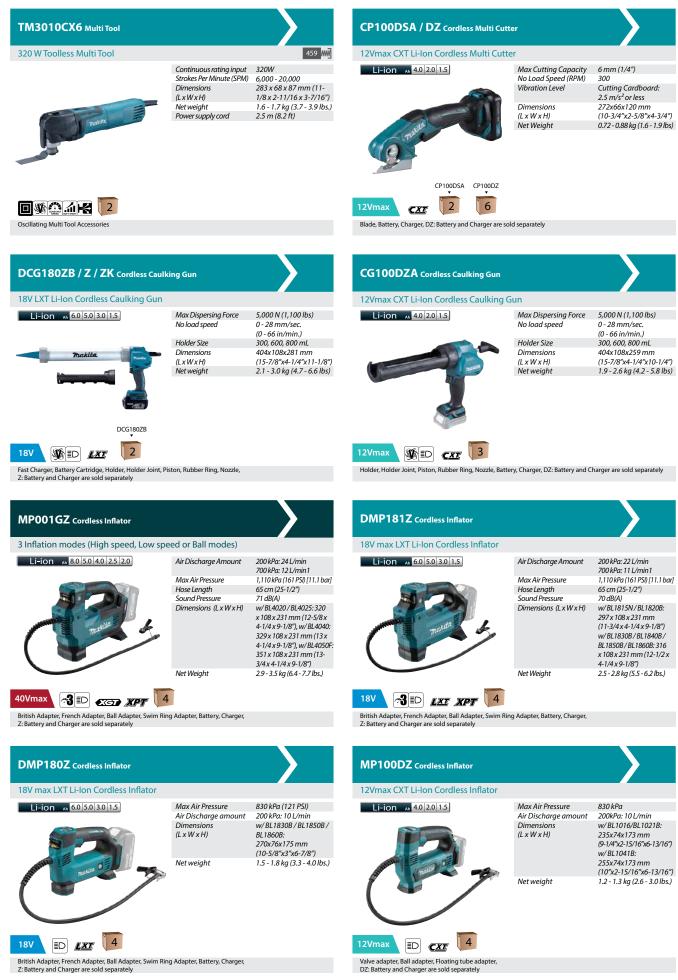
Sanding and polishing

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

99

# <sup>100</sup> SPECIALITY TOOLS







hakita

PRODUCTS

# MEASURING/ LEVELING



SK312GDZ Rechargeable Green Mu	lti Line Laser		SK2	09GDZ Rechargeable	Green Multi L	ine Laser	
12Vmax CXT Li-Ion Rechargeable Gree	en Multi Line Laser		12Vn	nax CXT Li-Ion Recharge	able Green	Multi Line Laser	
Li-ion At 4.0 2.0 1.5	Leveling Accuracy Self-Leveling Range Laser Fan Angle	±1 mm / 10 m ±2° Horizontal: 110°		-ion Ab 4.0 2.0 1.5		Leveling Accuracy Self-Leveling Range Laser Fan Angle	±1 mm / 10 m ±2° Horizontal: 110°
and a second	Number of Laser Lines Laser Type Operating Temperature Tripod Thread	Vertical: 130° 3 Laser class 2: 515 nm -10 - 40 °C 5/8″		<b>Mila</b>		Number of Laser Lines Laser Type Operating Temperature Tripod Thread	Vertical: 130° 3 Laser class 2: 515 nm -10 - 40 ℃ 5/8″
	Operating Time Dimensions (L x W x H)	10-28 hours w/ BL1016/BL1021B: 122x110x225 mm (4-13/16"x4-5/16"x8-7/8") w/ BL1041B: 122x130x225 mm (4-13/16"x5-1/8"x8-7/8")		₩¢)		Operating Time Dimensions (L x W x H)	15-40 hours w/ BL1016/BL1021B. 122x110x225 mm (4-13/16"x4-5/16"x8-7. w/ BL1041B: 122x130x225 mm (4-13/16"x5-1/8"x8-7/
2Vmax <u>CXT</u> XPT 4	Net Weight	1.5 - 1.6 kg (3.3 - 3.5 lbs)	12Vm	ax 🛛 🔿 🖉 🚺	4	Net Weight	1.5 - 1.6 kg (3.3 - 3.5
lasses for laser, Shoulder Belt, Storage Case, DZ: Bat	tery and Charger are sold separa	itely	Glasse	for laser, Shoulder Belt, Storage	Case, DZ: Battery	and Charger are sold separa	tely

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

101

### 102 **MEASURING/LEVELING**



±1 mm / 10 m

Horizontal: 110°

BL1016: 9 hours

98x223 mm

 $\pm 2\,mm/10\,m$ 

510 - 530 nm

630 - 645 nm

-10 - 50℃

IP54

SK700GD: Laser class 2:

SK700D: Laser class 2:

w/ BL1016/BL1021B:

0.99 - 1.2 kg (2.2 - 2.7 lbs.)

149 x 104 x 153 mm

(5-7/8 x 4-1/8 x 6")

w/BL1041B: 168 x 104 x 153 mm (6-5/8 x 4-1/8 x 6")

0.2-30m

-25 - 70°C

±2.0mm/10m

±3.0mm/10m

117x53x25mm

(4.5"x2.14"x1")

0.1kg (0.22lbs)

0.05-80m

Cell battery

AAA 1.5V x 2pcs

0.14kg (0.31lbs)

Laser class 2: 635nm

+4°

w/BL1016/BL1021B:

1.4 - 1.6 kg (3.1 - 3.5 lbs)

Laser class 2: 515 nm

Vertical: 130° 4V1H/2V1H/1V1H

-10 - 40 °C

IP54



Alkaline Battery (2), Carrying Strap

Alkaline Battery (2), Carrying StrapFront Cuffs 24, Poly Bag Set



Z: Battery and Charger are sold separately

w/BL4040 Low / Mid /

High: 1,160/880/660 w/BL4025 Low/Mid/ High: 730/550/410 w/BL4040 Low/Mid/

High: 1,055 / 800 / 600 w/ BL4025 Low / Mid / High: 665 / 500 / 370 High / Med / Low: 190 / 150 / 120 m/min High / Med / Low:

8.2/6.5/5.2 m<sup>3</sup>/min 143x333x463 mm (5-5/8"x13"x18-1/4")

2.0 - 3.0 kg (4.4 - 6.6 lbs.)

w/ BL1860B : Low / Medium / High :

190/150/120 m/min High/Med/Low:

(5-1/2"x13"x16-1/2") 1.9 - 2.6 kg (4.2 - 5.6 lbs.)

8.2/6.5/5.2 m<sup>3</sup>/min 140x333x447 mm

w/BL1041B:

न्द्र ( 4 DZ: Battery and Charger are sold separately Low / Medium / High : 630 / 380 / 275

185x260x284 mm (7-1/4"x10-1/4"x11-1/8")

1.3 - 1.7 kg (2.8 - 3.8 lbs.)

1,010/650/410 High/Med/Low:

PRODUCTS

# **COMFORT**/ LIFESTYLE



CF002GZ 330mm (13") Cordless Fan			CF001GZ 235 mm (9-1/4") Cordless	s Fan
Increased max air velocity 240 m/min			40Vmax XGT Automatic Swing Fan	
Li-ion AN 80 50 40 25 20	Continuous Use (min.) w/o oscillation Continuous Use (min.)	w/ BL4040: Low / Mid / High: 1,020 / 640 / 320 w/ BL4040:	Li-ion at 8.0 5.0 4.0 2.5 2.0	Continuous Use (min.) w/o oscillation
	w/ oscillation Max Air Velocity	Low / Mid / High: 970 / 610 / 305 High / Mid / Low:		Continuous Use (min.) w/ oscillation
	Air Flow	240 / 170 / 120 m/min High / Mid / Low: 21 / 15 / 10 m³/min		Max Air Velocity
	Noise level	21 / 15 / 10 m³/min 52 dB(A)		Air Flow
	Fan Diameter Dimensions (L x W x H)	330 mm (13″) w/ BL4040: 277 x 439 x 602 mm		Dimensions (L x W x H)
40Vmax	Net weight	3.8 - 5.1 kg (8.4 - 11.2 lbs.)	40Vmax 3	Net weight
AC Adaptor, Z: Battery and Charger are sold separately			AC Adaptor, Z: Battery and Charger are sold separa	itely
DCF301Z 330mm (13") Cordless Fan			DCF203Z 235 mm (9-1/4") Cordless	s Fan
Increased max air velocity 240 m/min			Automatic Swing Fan	
Li-ion Ah 6.0 5.0 3.0 1.5	Continuous Use (min.) w/o oscillation	w/ BL1860B: Low / Mid / High: 850 / 430 / 215	Li-ion An 6.0 5.0 3.0 1.5	Max Continuous Use (min.)
A BAR	Continuous Use (min.) w/ oscillation	w/ BL1860B: Low / Mid / High:		Max Air Velocity
	Max Air Velocity	815 / 415 / 210 High / Mid / Low:		Air Flow
	Air Flow	240 / 170 / 120 m/min High / Mid / Low:		Dimensions (L x W x H)
	Noise level	21 / 15 / 10 m³/min 52 dB(A)		Net weight
	Fan Diameter	330 mm (13")		
~ ~	Dimensions (L x W x H)	w/ BL1860B: 269 x 439 x 602 mm		
18V 14.4V 🦂 🔐 🚺	Net weight	3.8 - 4.5 kg (8.4 - 9.9 lbs.)	18V 14.4V 🖪 📧 🛐	
AC Adaptor, Z: Battery and Charger are sold separately			Z: Battery and Charger are sold separately	
DCF102ZX1 180 mm (7-1/8") Cordles	s Fan		CF101DZX1 180mm (7-1/8") Cord	lless Fan
Automatic Swing Fan			Automatic Swing Fan	
Li-ion ab 6.0 5.0 3.0 1.5	Max Continuous Use (min.)	w/ BL1860B : Low / Medium / High : 1270 / 705 / 575	Li-ion AD 4.0 2.0 1.5	Max Continuous Use (min.)
Altr.	Dimensions (L x W x H)	185x272x284 mm (7-1/4"x10-3/10"x11-1/8")		Dimensions (L x W x H)
	Net weight	1.3 - 2.0 kg (2.9 - 4.4 lbs.)		Net weight
-				

### 104 **COMFORT/LIFESTYLE**







Cigar Socket Cable, Z: Battery and Charger are sold separately



IPX4-rated water resistance



**Bottle opener** 

4ita

11



Compatible with 4 power sources



8.01

\*Also can be powered by the combination of one XGT battery and one LXT battery. (CW002G/CW001G only)







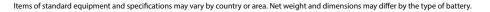
CW003GZ Cordless Cooler & Warmer	Вох	New
Compact design, 7 L capacity		
Li-ion Ab 8.0 5.0 4.0 2.5 2.0	Capacity Cooling System Cooling Capacity	7L (1.8 gal) Compressor type -18/-15/-10/-5/0/ 5/10℃
	Warming System Warming Capacity	Heater 30/35/40/45/ 50/55/60℃
	Run Time	w/BLBL4040, -18/5/60°C: 5.5/13.5/5.5
makita	Cord Length	AC Adapter / Cigar Socket Cable: 2/2.5 m (6.5/8.2 ft)
	Dimensions (L x W x H) Net weight	456 x 245 x 308 mm (18 x 9-5/8 x 12-1/8") 7.9 - 9.4 kg (17.4 - 20.7 lbs.)
40Vmax 18V Corr LXT 1 Shoulder Belt, Cigar Socket Cable, Z: Battery and Charge	2	7.7 - 7.4 ng (17.4 - 20.7 105.)

Compressor type cooling system provides excellent cooling capacity

DCW180Z Cordless Cooler and Warmer Box

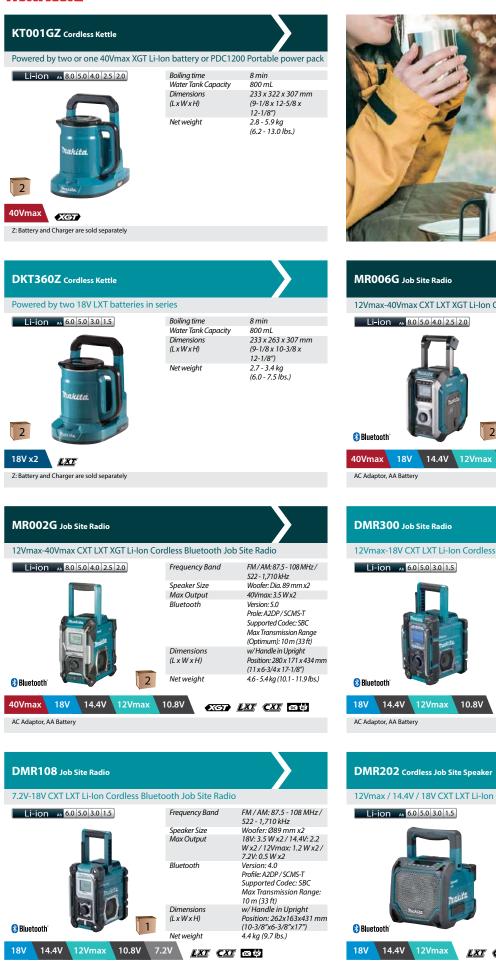


Shoulder Belt, AC Adaptor, Cigar Socket Cable, Z: Battery and Charger are sold separately



## Trakita

## COMFORT/LIFESTYLE





Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.



### 12Vmax-40Vmax CXT LXT XGT Li-Ion Cordless Bluetooth Job Site Radio FM/AM:87.5-108MHz/ Frequency Band FM/AM:87.5-108.MHz/ 522-1,710.KHz Sides: Dia. 63.5 mm x2 Bottom: Dia. 101.6 mm 40/max5: Wx2+25W/144V:3Wx2+ 5W/2+25W/144V:3Wx2+ 15W/12Vmax2Wx2+10W Version: 5.0 Profile: A2DP/SCMS-T/AVRCP Supported Code: SBC Speaker Size Max Output Bluetooth Supported Codec: SBC Max Transmission Range: 10m(33ft) v/Handle in Retracted Position: Dimension (L x W x H) Net weight 285 x 172 x 305 mm 5.6 - 6.4 kg (12.3 - 14.1 lbs.) 14.4V 12Vmax 10.8V XII LXI CXI ooto

DMR300 Job Site Radio		
12Vmax-18V CXT LXT Li-lon Cor	dless Bluetooth Job Site	Charger Radio
Li-ion Ab 6.0 5.0 3.0 1.5	Frequency Band	FM / AM: 87.5 - 108   520 - 1.710 kHz
	Speaker Size Bluetooth	Woofer: Ø89 mm x2 Version: 4.2 Max Transmission Ra (Optimum): 30 m (98 ft)
Tradette	Dimensions (L x W x H) Net weight	285x185x305 mm (11-1/4"x7-1/4"x12", 4.4 kg (9.7 lbs.)
Bluetooth		
		2
18V 14.4V 12Vmax 10.8		
AC Adaptor, AA Battery		
AC Adaptor, AA Battery DMR202 Cordless Job Site Spe 12Vmax / 14.4V / 18V CXT LXT Li	aker i-Ion Cordless Bluetooth	Job Site Speaker
AC Adaptor, AA Battery DMR202 Cordless Job Site Spe	aker i-Ion Cordless Bluetooth Speaker Size	Job Site Speaker Woofer: Ø101.6 mm Tweeter: Ø36 mm
AC Adaptor, AA Battery DMR202 Cordless Job Site Spe 12Vmax / 14.4V / 18V CXT LXT Li	aker i-Ion Cordless Bluetooth	Job Site Speaker Woofer: Ø101.6 mm Tweeter: Ø36 mm Version: 4.0 Profile A2DP/SCMS-T/ Supported Codec: SL Max Transmission R
AC Adaptor, AA Battery DMR202 Cordless Job Site Spe 12Vmax / 14.4V / 18V CXT LXT Li Li-ion (6.0(5.0)3.0(1.5)	aker i-lon Cordless Bluetooth Speaker Size Bluetooth Dimensions (L x W x	Job Site Speaker Woofer: Ø101.6 mm Tweeter: Ø36 mm Version: 4.0 Profile: A2DP/SCMS-T/ Supported Code: S1
AC Adaptor, AA Battery DMR202 Cordless Job Site Spe 12Vmax / 14.4V / 18V CXT LXT Li Li-ion (6.0)5.0)3.0(1.5)	aker i-Ion Cordless Bluetooth Speaker Size Bluetooth	Job Site Speaker Woofer: Ø101.6 mm Tweeter: Ø36 mm Version: 4.0 Profile: A2DP/SCMS-T, Supported Codec: SI Max Transmission R 10 m (33.ft) (H) w/ Handle in Retrac Position: 211x206x1 (&5:/16'x&1-18'x7-7 w/ Handle in Uprigh Position: 211x206x2

#### 106 **COMFORT/LIFESTYLE**





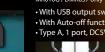
Switch MR010G / DMR057

0 茶 ... 0 Brightness setting button (2 stages)

DMR055

(MR010G / DMR057 only) • On/off and Mode select button

# **USB output port** MR010G / DMR057 only



(MR010G / DMR057 only) • Lantern light tone setting button (3 tones)

### Continuous run time (approx) On a single full battery charge



Lens guard also works as an FM antenna.

display

LCD digital

Photo: MR010G

DMR055 with BL1850B

12h

16h



 With USB output switch With Auto-off function

• Type A, 1 port, DC5V/ 2.4A

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

(40V/max 125

52h

nakita



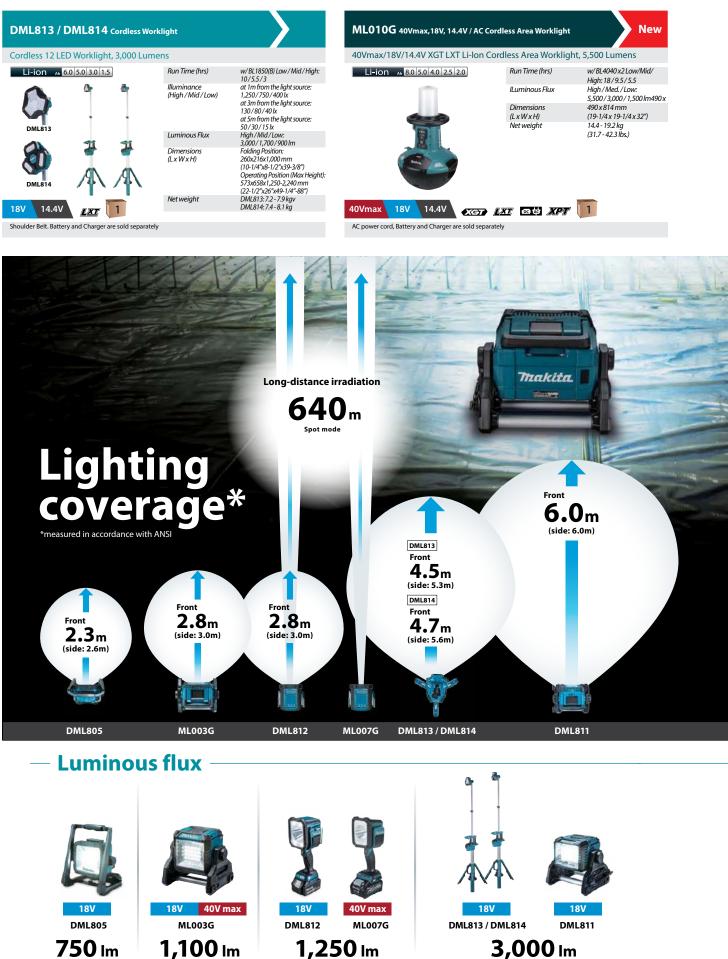
PRODUCTS

# LIGHTS







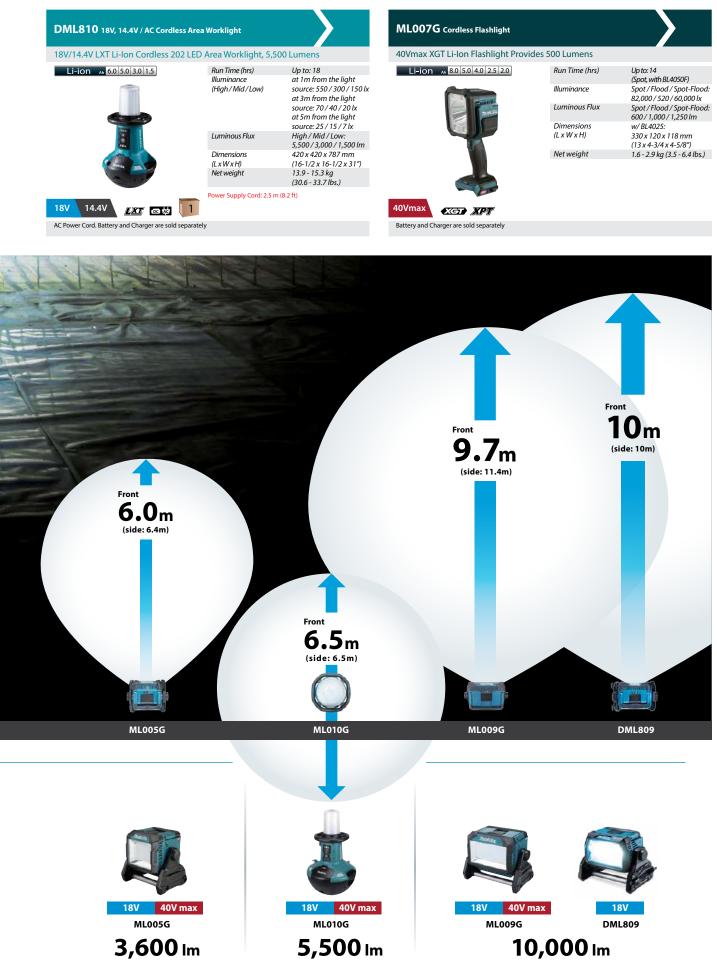


Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Spot+Flood mode

## Trakita.

# LIGHTS 109

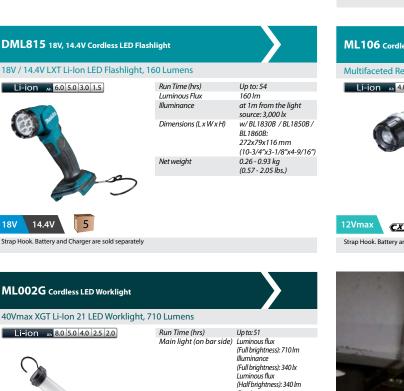












Illuminance (Half brightness): 310 lx Luminous ux: 130 lm

Length (with the hook stood). Illuminance: at 50 cm from

Illuminance: 1,900 lx w/ BL4025: 376 x 86 x 126 mm w/ BL4040: 382 x 86 x 141 mm

1.2 - 1.5 kg (2.7 - 3.3 lbs.)

Sub light (on top side)

Dimensions (L x W x H) Net weight

the light source

40Vmax

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Battery and Charger are sold separately



Strap Hook, battery and Charger are sold separat

### DML808 Cordless LED Flashlight

#### 18V / 14.4V LXT Li-Ion LED Flashlight, 190 Lumens



Up to: 32 190 lm at 1m from the light source 170 - 4,500 lx with BL 1815N / BL 1820B: 280x79x101 mm (11<sup>+</sup>x3-1/8<sup>+</sup>x4<sup>+</sup>) with BL 1830B / BL 1840B / BL 1850B / BL 1860B: 297x79x119 mm (11-3/4<sup>+</sup>x3-1/8<sup>+</sup>x4-11/16<sup>+</sup>) 0.73 - 1.09 kg (16 - 2.4 lbs)

ML106 Cordless Flashlight		
Multifaceted Reflector Illuminates E	evenly for Increased Vi	isibility
Li-ion At 4.0 2.0 1.5	Run Time (hrs) Luminous Flux Luminous	Up to: 12 190 lm at 1m from the light source: 170 - 4,500 lx
	Dimensions (L x W x H)	w/ BL1016/BL1021B: 271 x 66 x 93 mm (10-5/8 x 2-5/8 x 3-5/8") w/ BL1041B: 290 x 66 x 93 mm (11-3/8 x 2-5/8 x 3-5/8")
	Net weight	0.61 - 0.78 kg (1.3 - 1.7 lbs.)

#### 12Vmax 8 Strap Hook. Battery and Charger are sold separately



### Trakita

#### 111 LIGHTS



Warm color cover, Battery and Charger are sold separately

Warm color cover, Battery and Charger are sold separately

# As a charger for smartphones, tablets and more







# Number of times iPhoneXR can be recharged on a single full battery charge

BL4020 (2.0Ah): 2.8 BL4025 (2.5Ah): 3.5 BL4040 (4.0Ah): 5.6 BL4050F (5.0Ah): 7.0

USB output port

**ON-OFF** switch

enables to charge two mobile devices at the same time
Type A USB sockets for DC5V/ 2.1A (one port), 4.2A (two ports) USB output





Thakita

- Strap hole









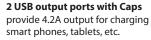


USB output port Type A USB port for DC5V/ 2.1A USB output











**Belt clip** 



Strap hole





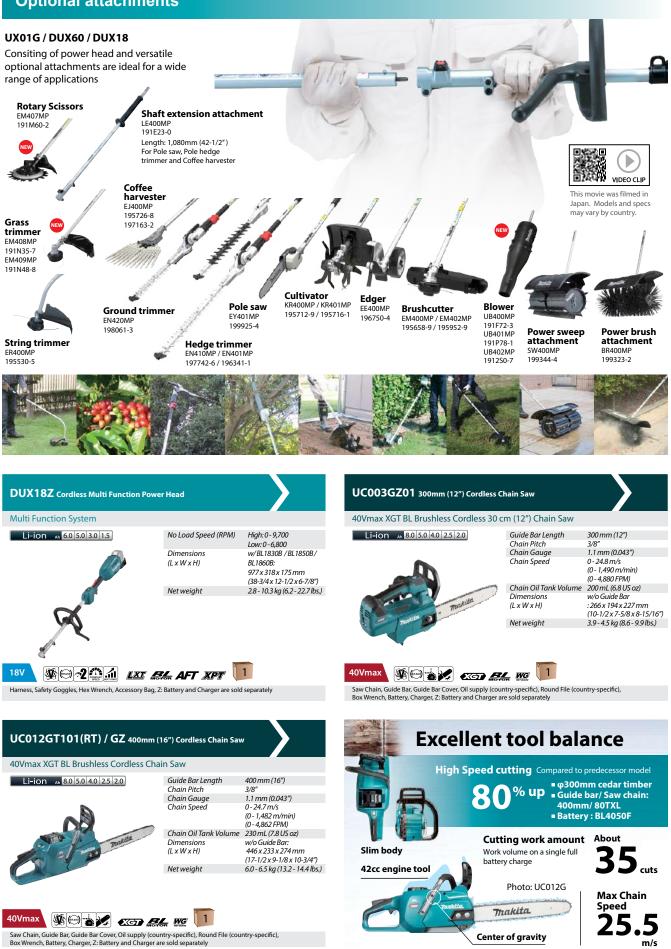






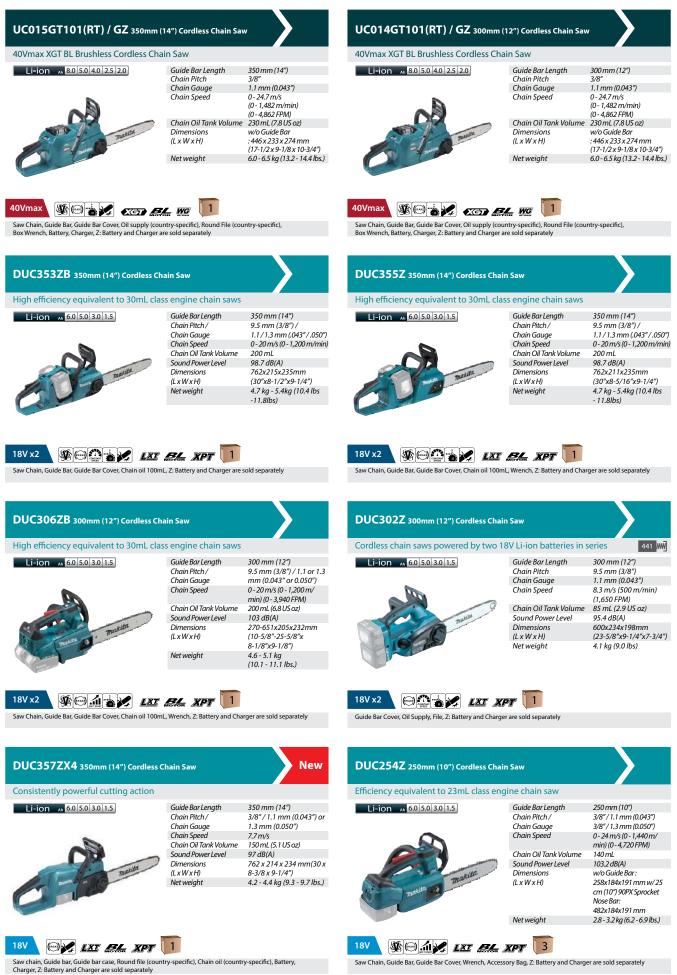
m/s

### **Optional attachments**



### Tnakita.

# OPE TOOLS 115









# OPE TOOLS 117





# **Powered by two 18V LXT batteries in series**





#### **Driving wheels (Front wheels)** touch the ground stably.

Rear wheel axle is designed to tilt to enable Front wheels (driving wheels) to stably touch the ground for reliable driving even on bumpy road surfaces.



Photo: DCU603

**Double tires** (Rear wheels only) Double tires, each of which rotates independently, improve swivel performance



• turn on/off by pressing a light button on the battery box. • turn off automatically with no operation for 10 minutes.



**Tool-less handle height** adjustment Handle height can be adjusted according to user's height without tool simply by turning 2 knob screws.

Neutral mode



shuts off the power transmission between the motor shaft and the axle in case of no battery installation, low battery capacity or broken motor, enabling to drive the wheelbarrow manually.







itch trigge Warning \_

Red LED taillight beeper

Two or four batteries can be

installed for a 2-series /

secure amount of work.

Wet Guard / IPX4-compatible

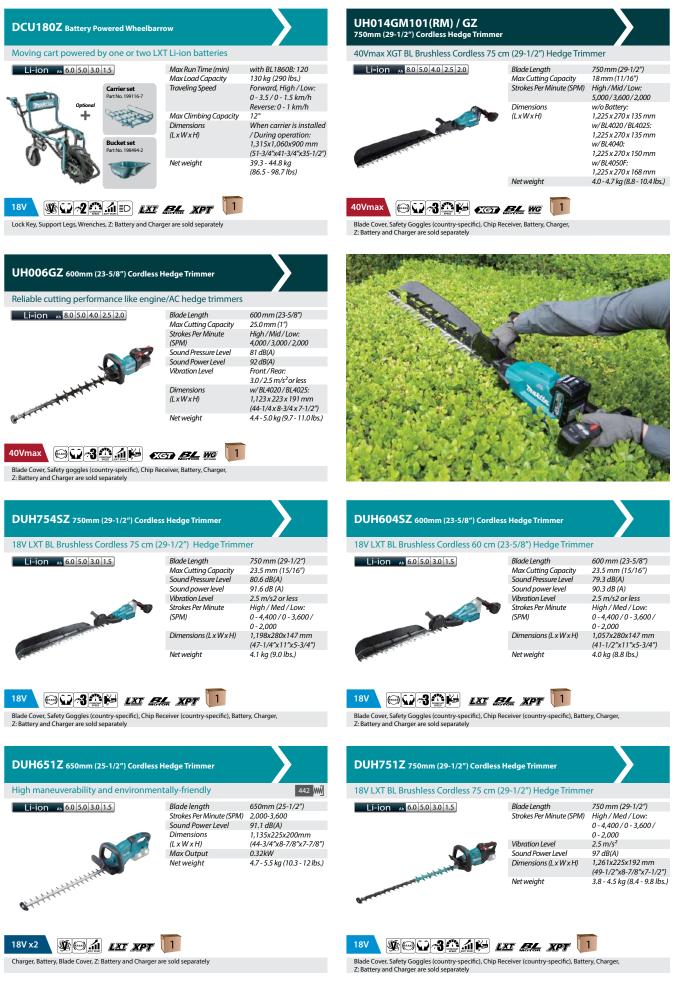
High water-resistance allows

it is wet with water.

to operate the machine even if

### Tnakita.

# OPE TOOLS 119



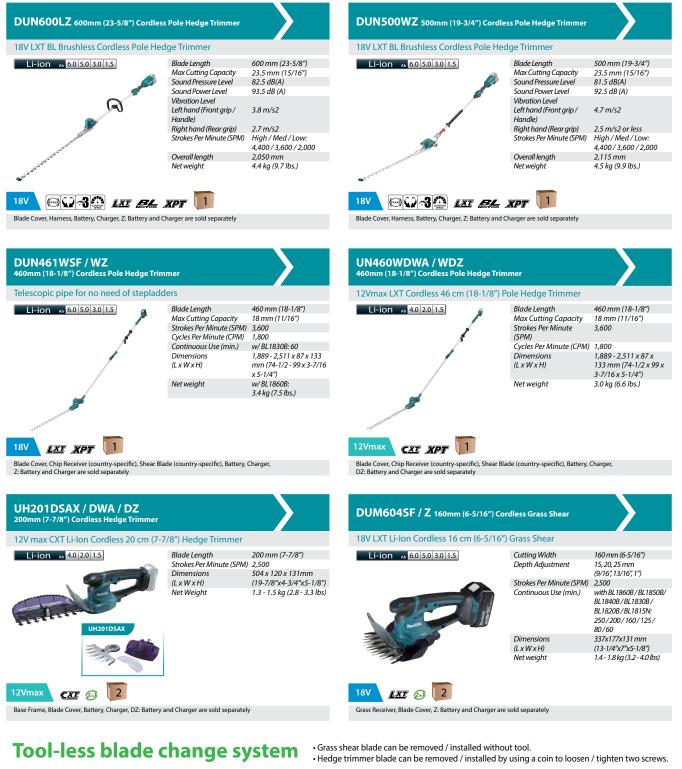
# 120 OPE TOOLS





### Tnakita.

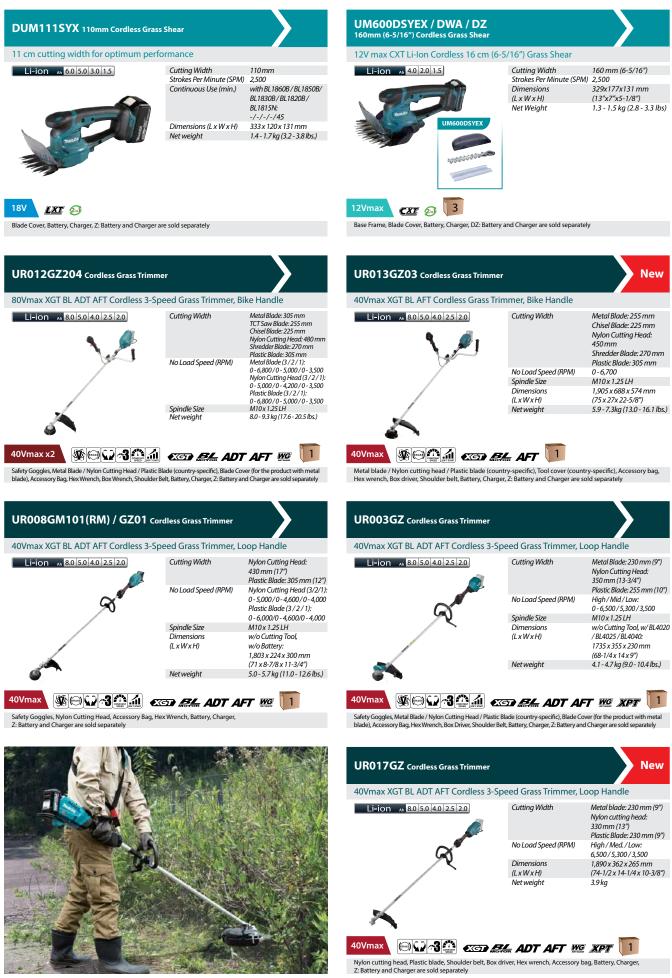
# OPE TOOLS 121





# 122 OPE TOOLS





### Tnakita.

# OPE TOOLS 123



Safety Goggles, Metal Blade / Nylon Cutting Head / Plastic Blade (country-specific), Blade cover (for the product with metal blade), Accessory Bag, Hex Wrench, Box Driver, Shoulder Belt, Battery, Charger





Safety Goggles (country-specific), Shoulder Belt, Nylon Cutting Head, Metal Blade / Nylon Cutting Head / Plastic Blade (country-specific), Hex Wrench, Box Driver, Accessory Bag, Battery, Charger, Z: Battery and Charger are sold separately



 18V x2
 Image: Constraint of the second second



Safety Goggles, Metal Blade / Nylon Cutting Head / Plastic Blade, Blade cover (for the product with metal blade), Accessory Bag, Hex Wrench, Box Driver, Shoulder Belt Z: Battery and Charger are sold separately

DUR189Z Cordless Grass Trimmer		
18V LXT BL ADT Cordless Grass Trimm	er, Short Telescopic Pi	pe, Loop Handle
Li-ion An 6.0 5.0 3.0 1.5	Cutting Width	Trimmer Head: 300mm (11-3/4") Plastic Blade: 255mm (10"))
	No Load Speed (RPM)	High / Mid / Low / ADT Mode: 6,000 / 5,000 / 4,000 / 4,000 - 6,000
	Spindle Size	M8 x 1.25 RH
	Max Run Time (min)	Nylon Cutting Head, BL 1860B: 168 Plastic Blade, BL 1860B: 219
	Net weight	3 - 3.3 kg (6.6 - 7.3 lbs.)
	u	1

🛯 🖓 🖓 🏭 🖾 🛲 ADT XPT 📗

Shoulder Strap, Nylon Cutting Head, Plastic Blade, Safety Goggles, Accessory Bag, Hex Wrench, Battery, Charger, Z: Battery and Charger are sold separately



#### 124 **OPE TOOLS**



Trimmer Head:

7,800

88.5 dB(A) 1.229 - 1.433x267x

260 mm (10-1/4")

186 - 257 mm (48-1/2 - 56-1/2"x

10-1/2"x7-3/8 - 10-1/8") with BL1830B: 45

2.8 - 3.1 kg (6.2 - 6.9 lbs)

DUR181RF / SF / Z Cordless String Trimmer

Cuttina Width

Dimensions

(LxWxH)

Net weight

No Load Speed (RPM)

Sound Power Leve

Max Run Time (min)

18V LXT Li-Ion Cordless String Trimmer

Li-ion Ab 6.0 5.0 3.0 1.5

18V



Safety Goggles (country-specific), Shoulder Belt, Nylon Cutting Head, Metal Blade / Nylon Cutting Head / Plastic Blade (country-specific), Hex Wrench, Box Driver, Accessory Bag, Battery, Charger, Z: Battery and Charger are sold separately







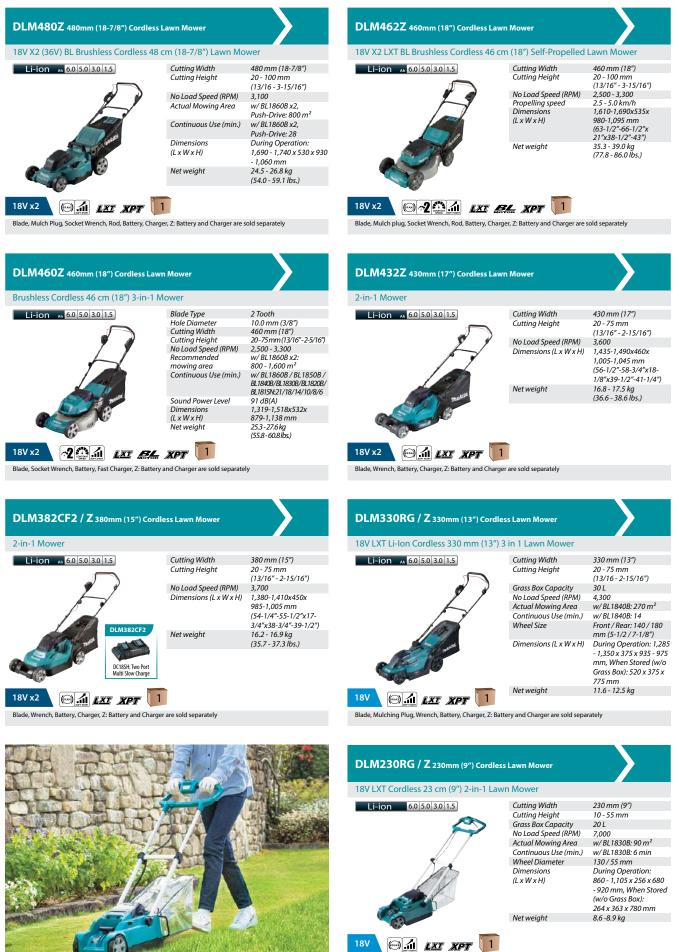
126 **OPE TOOLS** 





### Trakita

# OPE TOOLS 127



Blade, Hex wrench, Rod, Battery, Charger, Z: Battery and Charger are sold separately

# 128 OPE TOOLS





### Thakita

2

1

18V

18V x2

LXT

DDG460ZX4 Cordless Earth Auger

Battery powered and powerful Li-ion Ah 6.0 5.0 3.0 1.5

CXT XPT

DVF104Z 10L Cordless Garden Sprayer

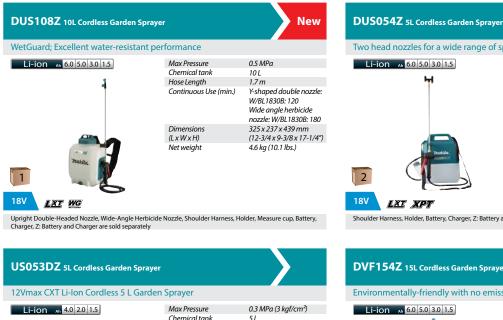
Li-ion Ab 6.0 5.0 3.0 1.5

Shoulder Harness, Holder, Battery, Charger, DZ; Battery and Charger are sold separately

Environmentally-friendly with no emission and extremely low noise

Y-shaped Double Nozzle, Wide Angle Nozzle, Spray Pipe Holder, Shoulder Harness, Z: Battery and Charger are sold separately

# OPE TOOLS



Hose Length

Dimensions

 $(L \times W \times H)$ 

Net weight

Max pressure

Dimensions

 $(L \times W \times H)$ 

Net weight

Chemical tank

Continuous Use (min.)

1.7 m

2.0 kg

0.3Mpa (3kgf/cm²)

315x225x415mm

(12-3/8"x8-7/8"x16-3/8")

3.8 - 4.1kg (8.4 - 9.1lbs)

Sandy Soil: 200 mm

Clay Soil: 150 mm

Low: 136 N·m (1,210 in.lbs.)

840 x 607 x 223 mm (33 x 23-7/8 x 8-3/4") 7.3 - 8.2 kg (16.1 - 18.1 lbs.)

Hiah/Low: 0-1,400/0-350 High: 48 N·m (430 in.lbs.)

2.5 m/s<sup>2</sup> or less

85 dB(A)

96 dB(A)

10L



18V LXT XPT

Shoulder Harness, Holder, Battery, Charger, Z: Battery and Charger are sold separately

#### DVF154Z 15L Cordless Garden Sprayer

Environmentally-friendly with no emission and extremely low noise



Max pressure Chemical tank Dimensions  $(L \times W \times H)$ 

Net weiaht

0.3Mpa (3kgf/cm²) 151

345x235x525mm (13-5/8"x9-1/4"x20-3/4") 4.1 - 4.5kg (9.1 - 9.7lbs)



#### 18V LXT

Y-shaped Double Nozzle, Wide Angle Nozzle, Spray Pipe Holder, Shoulder Harness, Z: Battery and Charger are sold separately

### DG001GZ02 Cordless Earth Auger

#### Lightweight design for reduced operator fatigue

#### Li-ion Ab 8.0 5.0 4.0 2.5 2.0



- Capacity No Load Speed (RPM) Max Fastening Torque Dimensions (L x W x H) Net weight
- Sandy Soil: 200 mm Clay Soil: 150 mm High/Low: 0-1,400/0-350 High: 48 N·m (430 in.lbs.) Low: 136 N·m (1,210 in.lbs.) 846 x 600 x 218 mm (33-1/4 x 23-5/8 x 8-5/8") 7.9 kg (17.4 lbs.)





Chuck Key, Hex Wrench, Adapter, Battery, Charger, Z: Battery and Charger are sold separately

Capacity

No Load Speed (RPM)

Max Fastening Torque

Sound Pressure Level

Sound Power Level

Vibration Level

Dimensions (L x W x H)

Net weight

130 CORDLESS COMBO KIT

Tnakita.

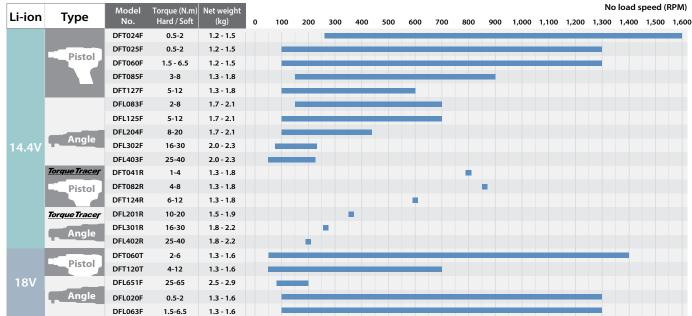
# **CORDLESS COMBO KIT**





#### Screwdriver, Angle Screwdriver

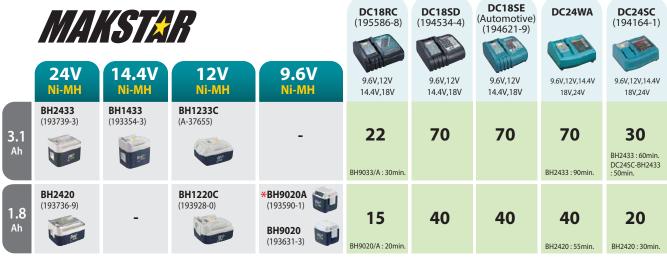




### Impact Driver, Impact Wrench

	Model	Net weight																					Torq	ue (N	l.m)
Li-ion	No.	(kg)	0	10	20	30 <sub>35</sub> 40	50	60 <sub>65</sub> 70	80	90 <sub>95</sub> 100	110	120	130	140	150	160	170	180 <sub>185</sub> 190	200	210	220	230	240	250	260
	DTDA040	1.1 - 1.3																							
	DTDA070	1.1 - 1.3																							
	DTDA100	1.1 - 1.3																							
	DTDA140	1.2 - 1.4																							
	DTD043D	1.0 - 1.2																							
	DTD044D	1.1 - 1.3																							
	DTD063D	1.0 - 1.3																							
	DTD064D	1.1 - 1.3																							
14.4V	DTD103D	1.0 - 1.3																							
1- <del>1</del> <del>1</del> V	DTD104D	1.1 - 1.3																							
	DTWA070	1.1 - 1.3																							
	DTWA100	1.1 - 1.3																							
	DTWA140	1.2 - 1.4																							
	DTWA190	1.3 - 1.5																							
	DTWA260	1.7																							
	DTW073D	1.3 - 1.6																							
	DTW074D	1.1 - 1.3																							
	DTW103D	1.0 - 1.3	-							-															
	DTW104D	1.1 - 1.3																							

	14.4V Lithium-ion	DC18RC (195586-8) 9.6V,12V 14.4V,18V	DC18SD (194534-4) 9.6V,12V 14.4V,18V	DC18SE (Automotive) (194621-9) 9.6V,12V 14.4V,18V	DC24SC (194164-1) 9.6V,12V 14.4V,18V,24V
<b>6.0</b> Ah	BL1460A (632G42-4)	Fast Charging ) 55 min.	<b>130</b> min.	<b>130</b> min.	<b>75</b> min.
<b>4.0</b>	BL1440	<b>36</b>	<b>90</b>	<b>90</b>	-
Ah	(196388-5)	min.	min.	min.	
3.0	BL1430A	<b>22</b>	<b>60</b>	<b>60</b>	-
<sub>Ah</sub>	(194359-6)	min.	min.	min.	
3.0	BL1430B	<b>22</b>	<b>60</b>	<b>60</b>	-
<sub>Ah</sub>	(197615-3)	min.	min.	min.	
1.5	BL1415NA	15	<b>30</b>	<b>30</b>	<b>20</b>
Ah	(196280-5)	min.	min.	min.	min.



( ) Part No. 🛛 🗶 Power Display Type



**Battery & Charger Time Reference Chart (in Minutes)** 



### Thakita

### CORDLESS TOOLS FOR INDUSTRY



# Li-ion14.4V Cordless Screw Driver

#### Auto-stop system and on-off switch with delayed restarter

Prevent defective on production and keep quality



When a battery is discharged, indication lamp and beeper start warning and then the motor stops automatically

The tool remains still for 1 second after fastening is completed.

Indication Lamp & Beeper Warn and prevent errors on production.



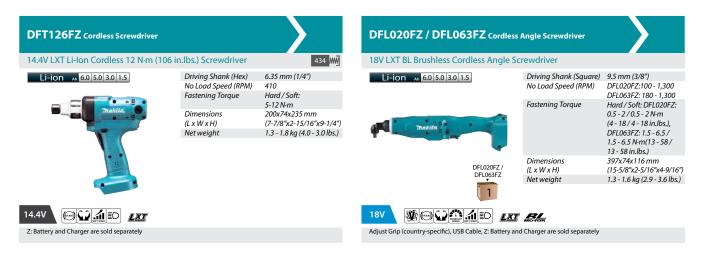
#### **High Power Motor**

·Equipped with high power motor •Easy to change an armature and carbon brush for high maintenance



Rigid Body
 Optimum Charging System
 Ergonomic Grip
 High accuracy

• LED job light • ON-OFF Switch with delayed restarter and soft start function • Torque indication plate



#### 134 **CORDLESS TOOLS FOR INDUSTRY**





Photo: DFL650F

	e Screwdriver	
Li-ion At 6.0 5.0 3.0 1.5	Driving Shank (Square)	9.5 mm (3/8″)
	No Load Speed (RPM) Fastening Torque	150-700/100-700/100-440 Hard / Soft: BFL033FZ:2-8/2-8 N·m BFL125FZ:5-12/5-12 N·n BFL204FZ:8-20/8-20 N·r
	Dimensions	481x74x98 mm
	(L x W x H)	(19"x2-15/16"x3-7/8")
	Head Height	31.5 mm (1-1/4")
•	Center Height Net weight	16 mm (5/8") 1.7 - 2.1 kg (3.8 - 4.7 lbs.)
4.4V 🛞 💮 😭 🚮 🗊 🚛	ecific), USB Cable, Z: Battery and	Charger are sold separately
DFL201FZ Cordless Angle Screwdriv	/er	
14.4V LXT BL Brushless Cordless 20 N∙	m (177 in.lbs.) Angle Sc	rewdriver
Li-ion Ab 6.0 5.0 3.0 1.5	Driving Shank (Square)	9.5 mm (3/8″) 360
	No Load Speed (RPM) Fastening Torque	Hard / Soft:
	Vibartian Laurd	8 - 20/8 - 20 N·m (71 - 177/71 - 177 in.lbs
Public	Vibration Level	Screwdriving w/o Im- pact: 2.5 m/s <sup>2</sup> or less
	Sound Pressure Level Dimensions	72 dB(A) 429x72x98 mm
-	(L x W x H)	(16-7/8"x2-13/16"x3-7/8
	Net weight	1.5 - 2.1 kg (3.3 - 4.5 lbs.,
Z: Battery and Charger are sold separately	• •	
Z: Battery and Charger are sold separately DFL302FZ / DFL403FZ Cordles	ss Angle Screwdriver	
Z: Battery and Charger are sold separately DFL302FZ / DFL403FZ Cordles	ss Angle Screwdriver e Screwdriver Driving Shank (Square)	9.5 mm (3/8") 70- 330 / 50- 220
2: Battery and Charger are sold separately DFL302FZ / DFL403FZ Cordles 14.4V LXT BL Brushless Cordless Angle	ss Angle Screwdriver	9.5 mm (3/8") 70-230/50-220 Hard/Soft:
Z: Battery and Charger are sold separately DFL302FZ / DFL403FZ Cordless 14.4V LXT BL Brushless Cordless Angle	ss Angle Screwdriver e Screwdriver Driving Shank (Square) No Load Speed (RPM)	70 - 230 / 50 - 220 Hard / Soft: BFL302FZ: 16 - 30 / 16 -
Z: Battery and Charger are sold separately         DFL302FZ / DFL403FZ cordless         14.4V LXT BL Brushless Cordless Angle         Li-ion an 6.0 [5.0 ]3.0 [1.5]	ss Angle Screwdriver e Screwdriver Driving Shank (Square) No Load Speed (RPM)	70 - 230 / 50 - 220 Hard / Soft: BFL302FZ: 16 - 30 / 16 - 30 N·m(142 - 266 / 142
Z: Battery and Charger are sold separately         DFL302FZ / DFL403FZ cordless         14.4V LXT BL Brushless Cordless Angle         Li-ion an 6.0 [5.0 ]3.0 [1.5]	ss Angle Screwdriver e Screwdriver Driving Shank (Square) No Load Speed (RPM)	70 - 230 / 50 - 220 Hard / Soft: BFL302FZ: 16 - 30 / 16 - 30 N·m(142 - 266 / 142 - 266 in.lbs.) BFL403FZ: 25 - 40 / 25 -
Z: Battery and Charger are sold separately         DFL302FZ / DFL403FZ cordless         14.4V LXT BL Brushless Cordless Angle         Li-ion an 6.0 [5.0 ]3.0 [1.5]	ss Angle Screwdriver e Screwdriver Driving Shank (Square) No Load Speed (RPM)	70 - 230 / 50 - 220 Hard / Soft: BFL302FZ: 16 - 30 / 16 - 30 N·m(142 - 266 / 142 - 266 in.lbs.) BFL403FZ: 25 - 40 / 25 - 40 N·m (221 - 354 / 221
Z: Battery and Charger are sold separately DFL302FZ / DFL403FZ Cordless 14.4V LXT BL Brushless Cordless Angle	ss Angle Screwdriver e Screwdriver Driving Shank (Square) No Load Speed (RPM)	70 - 230 / 50 - 220 Hard / Soft: BFL302FZ: 16 - 30 / 16 - 30 N·m(142 - 266 / 142 - 266 in.lbs.) BFL403FZ: 25 - 40 / 25 -
Z: Battery and Charger are sold separately         DFL302FZ / DFL403FZ cordless         14.4V LXT BL Brushless Cordless Angle         Li-ion an 6.0 [5.0 ]3.0 [1.5]	ss Angle Screwdriver e Screwdriver Driving Shank (Square) No Load Speed (RPM) Fastening Torque Dimensions (L × W × H)	70 - 230 / 50 - 220 Hard / Soft: BFL302FZ: 16 - 30 / 16 - 30 N:m(142 - 266 / 142 - 266 in.lbs.) BFL403FZ: 25 - 40 / 25 40 N:m (221 - 354 / 221 - 354 in.lbs.) 518x74x98 mm (20-3/8*x2-15/16*x3-7/8
Z: Battery and Charger are sold separately         DFL302FZ / DFL403FZ cordless         14.4V LXT BL Brushless Cordless Angle         Li-ion an 6.0 [5.0 ]3.0 [1.5]	ss Angle Screwdriver e Screwdriver Driving Shank (Square) No Load Speed (RPM) Fastening Torque Dimensions (L x W x H) Head Height	70 - 230 / 50 - 220 Hard / Soft: BFL302F2: 16 - 30 / 16 - 30 Nm(142 - 266 / 142 - 266 in.lbs.) BFL403F2: 25 - 40 / 25 - 40 Nm (221 - 354 / 221 - 354 in.lbs.) 518x74x98 mm (20-3/8"x2-15/16"x3-7/8" 35 mm (1-3/8")
Z: Battery and Charger are sold separately         DFL302FZ / DFL403FZ cordless         14.4V LXT BL Brushless Cordless Angle         Li-ion an 6.0 [5.0 ]3.0 [1.5]	ss Angle Screwdriver e Screwdriver Driving Shank (Square) No Load Speed (RPM) Fastening Torque Dimensions (L × W × H)	70 - 230 / 50 - 220 Hard / Soft: BFL302FZ: 16 - 30 / 16 - 30 N:m(142 - 266 / 142 - 266 in.lbs.) BFL403FZ: 25 - 40 / 25 40 N:m (221 - 354 / 221 - 354 in.lbs.) 518x74x98 mm (20-3/8*x2-15/16*x3-7/8*

DFL650FZ Cordless Angle Screwdriver 18V LXT BL Brushless Cordless 65 N·m (580 in.lbs.) Angle Screwdriver Driving Shank (Square) 9.5 / 12.7 mm (3/8 / 1/2") Li-ion Ab 6.0 5.0 3.0 1.5 80 - 200 Hard / Soft: No Load Speed (RPM) Fastening Torque 25 - 65 / 25 - 65 N·m (220 - 580/220 - 580 in.lbs.) Vibration Level Screwdriving without Impact: 2.5 m/s<sup>2</sup> or less Sound Pressure Level 72 dB(A) 600x75x116 mm Dimensions (L x W x H) (23-5/8"x2-15/16"x4-9/16") 2.4 - 2.9 kg (5.3 - 6.3 lbs) Net weight



### Thakita

### CORDLESS TOOLS FOR INDUSTRY



#### 136 CORDLESS TOOLS FOR INDUSTRY



9.5 mm (3/8")

Standard Bolt: M5 - M12 (3/16" - 1/2")

0 - 2,500

High Strength Bolt: M5 - M10 (3/16" - 3/8")

65 N·m (48 ft.lbs.)

144x74x256 mm

12.7 mm (1/2")

Standard Bolt

0-2.700

M6 - M16 (1/4" - 5/8")

M6 - M12 (1/4" - 1/2")

140 N·m (103 ft.lbs.)

158x74x256 mm (6-1/4"x2-15/16"x10-1/8")

1.2 - 1.5 kg (2.7 - 3.3 lbs.)

448 🞹

Standard Bolt: M5 - M12 (3/16" - 1/2")

High Strength Bolt: M5 - M10 (3/16" - 3/8")

65 N·m (575 in.lbs.) 144x74x216 mm

(5-5/8"x2-15/16"x8-1/2")

1.1 - 1.3 kg (2.3 - 2.9 lbs.)

440 🞹

BTW073Z: 1.3 - 1.6 kg

(2.9 - 3.5 lbs.) BTW074Z:

Standard Bolt:

0-3,200

130 N·m

1.3 - 1.6 kg

166x79x233mm

(6-1/2"x3-1/8"x9-1/8")

M8 - M16 (5/16" - 5/8")

M6-M12(1/4"-1/2")

Hiah Strenath Bolt:

Hiah Strenath Bolt:

(5-5/8"x2-15/16"x10-1/8")

1.1 - 1.4 kg (2.4 - 3.1 lbs.)



### Trakita







M8103B 13mm (1/2") Hammer Drill		
High performance and durability at less	expense	85 MM
	Continuous Rating Input Capacity	430W Concrete: 13 mm (1/2") Steel: 13 mm (1/2") Wood: 18 mm (11/16")
Tekta	Blows Per Minute (BPM) No Load Speed (RPM) Sound Pressure Level	0 - 33,000 0 - 3,000 90 dB(A)
	Sound Power Level Dimensions (L x W x H)	101 dB(A) 255x72x193 mm (10"x2-13/16"x7-5/8")
	Net Weight Power Supply Cord	1.8 kg (3.9 lbs) 2.0 m (6.6 ft)

Side Handle, Depth Gauge, Chuck Key, Chuck Key Holder



Side Handle, Depth Gauge, Chuck Key, Chuck Key Holder

#### 138 **MT SERIES**



85 WW

459 🞹

303



### Trakita

#### 139 MT SERIES

459

459 🔊

325

459 MW

100 mm (4″)

261x118x101 mm

1.6 kg (3.5 lbs)

2.0 m (6.6 ft)

100 mm (4")

(10-1/8"x4-5/8"x4")

1.6 kg (3.5 lbs.) 2.0 m (6.6 ft.)

100 mm (4")

(10-3/4"x4-5/8"x4")

1.8 kg (4.0 lbs.)

2.0 m (6.6 ft.)

125 mm (5″)

261x140x111 mm (10-1/4"x5-1/2"x4-3/8")

1.9 kg (4.1 lbs)

2.0 m (6.6 ft.)

11.000

88 dB(A)

99 dB(A)

11,000 273x118x101 mm

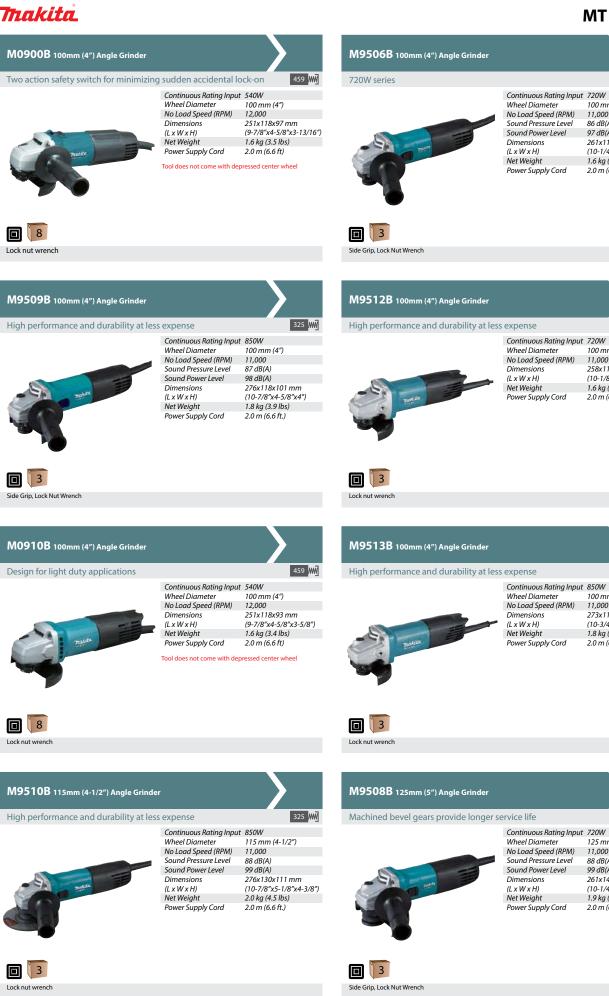
11,000 258x118x101 mm

(10-1/4"x4-5/8"x4")

11.000

86 dB(A)

97 dB(A)



#### 140 **MT SERIES**



439x200x141 mm (17-1/4"x7-7/8"x5-9/16")

303

303 🞹

64 MW

Wood: 65 mm (2-9/16")

Steel: 6 mm (1/4")

214x75x202 mm

1.9 kg (4.1 lbs) 2.0 m (6.6 ft)

(8-3/8"x2-15/16"x8")

82 dB(A)

93 dB(A)

185 mm (7-1/4")

4.900

90°: 66 mm (2-5/8") 45°: 44 mm (1-3/4")

284x231x243 mm

2.0 m (6.6 ft.)

(11-1/8"x9-1/8"x9-9/16") 3.5 kg (7.7 lbs)

5.0 kg (11.0 lbs)

2.0 m (6.6 ft)

125 mm (5")

11,000

91 dB(A)

102 dB(A)

361x140x124 mm

2.8 kg (6.1 lbs.)

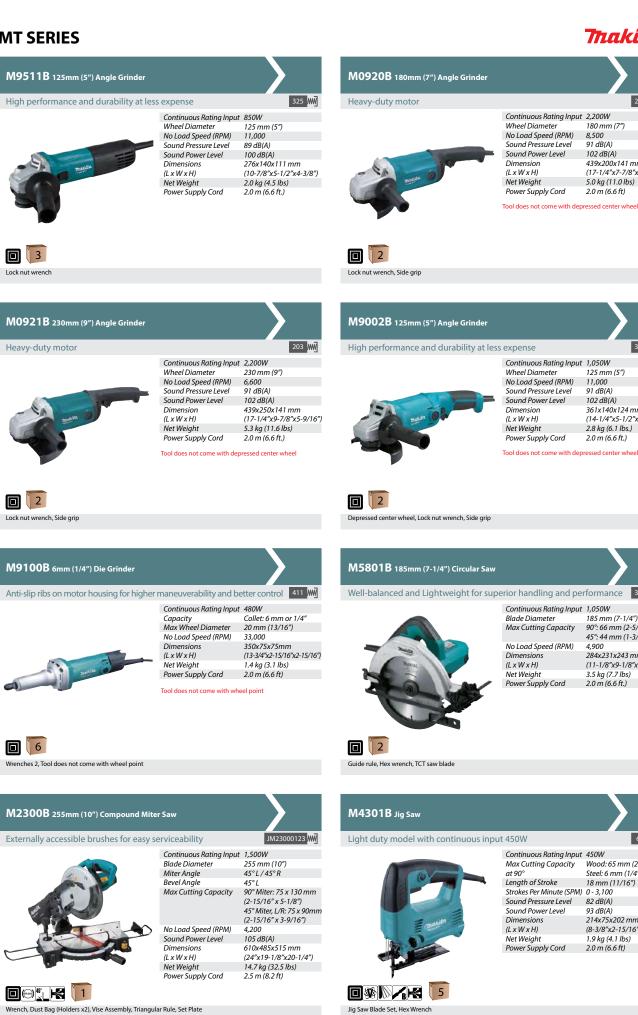
2.0 m (6.6 ft.)

(14-1/4"x5-1/2"x4-7/8")

180 mm (7")

8,500

91 dR(A) 102 dB(A)



### Trakita

M3702B 6mm (1/4") Trimmer

M3601B 8mm (3/8") Router

High performance and durability at less expense

Anti-restart function minimizes accidental start-up

### MT SERIES



Continuous Rating Input 530W

Continuous Rating Input 900W

Collet Capacity Plunge Capacity No Load Speed (RPM)

(LxWxH) Net Weight

Sound Pressure Level Sound Power Level Dimensions

Power Supply Cord

6 mm or 1/4'

1.5 kg (3.3 lbs.)

2.0 m (6.6 ft.)

0 - 42 mm (0 - 1-5/8")

82 x 90 x 211 mm (3-1/4 x 3-1/2 x 8-5/16")

106 🞹

6 mm, 8 mm or 1/4", 3/8"

0 - 35 mm (0 - 1-3/8") 27,000

256x110x218 mm (10-1/8"x4-5/16"x8-5/8")

2.7 kg (6.0 lbs)

2.0 m (6.6 ft)

91 dB(A) 102 dB(A)

35,000

94 dB(A)

Collet Capacity No Load Speed (RPM)

Plunge Capacity Sound Power Leve

Power Supply Cord

Dimension

(L x W x H)

Net Weiaht

Collet Cone, Trimmer Guide, Straight Guide Assembly, Templet Guide, Straight Bit, Chip Deflector, Wrench





#### M3700B 6mm (1/4") Trimmer

Ergonomic slim body design for added comfort and control



1	connor cana control	
	Continuous Rating Input	5301
	Collet Capacity	6 mr
	No Load Speed (RPM)	35,0
	Plunge Capacity	0-4
	Sound Power Level	94 d
	Dimension	82x9
	(L x W x H)	(3-1/
	Net Weight	1.4 k
	Power Supply Cord	2.0 n

W m or 1/4" 000 2 mm (0 - 1-5/8") B(A) 90x199 mm /4″x3-1/2″x7-7/8″) kg (3.1 lbs.) 2.0 m (6.6 ft.)

411

Trimmer Guide Assembly, Straight Guide Assembly, Template Guide, Straight Bit (Carbidge-Tipped), Wrenches 2



#### M3600B 12mm (1/2") Router M3602B Router 12 mm (1/2") 1,650 W Plunge Router with Soft Start 203 🞹 High performance and durability at less expense 203 MW Continuous Rating Input 1,650W Continuous Rating Input 1,650W Collet Capacity 12 mm (1/2") Collet Capacity 12 mm or 1/2" 0 - 60 mm (0 - 2-3/8") Collet Size 6.8.12 mm Plunae Capacity (1/4, 3/8, 1/2") 0 - 60 mm (0 - 2-3/8") 22,000 97 dB(A) No Load Speed (RPM) Plunge Capacity Sound Power Level 284x148x300 mm (11-1/8"x5-7/8"x11-3/4") No Load Speed (RPM) 22,000 Dimensions Sound Pressure Level 84 dB(A) $(L \times W \times H)$ Sound Power Level 95 dB(A) Net Weight 5.5 kg (12.2 lbs.) 148 x 284 x 300 mm (5-Power Supply Cord Dimensions 2.0 m (6.6 ft.) 7/8 x 11-1/8 x 11-3/4") 5.7 kg (12.6 lbs.) $(L \times W \times H)$ Net Weight Power Supply Cord 2.0 m (6.6 ft) 2 1

Straight Guide 1/4", Straight Bit, Wrenches 2

Straight Guide, Templet Guide, Trimmer Guide, Guide Holder, Collet Sleeve, Straight Bit, Wrench, Dust Nozzle (country-specific), Dust Cover (For tool with the knob)

Straight Guide, Guide Holder Assembly, Collet Sleeve (6mm or 1/4"), Collet Sleeve (8mm or 3/8"), Straight Bit, Wrench

#### 142 **MT SERIES**



M1100KB 82mm (3-1/4") Planer		
V-groove on base for easy chamfer cutti	ng	303 🛲
	Continuous Rating Input	
	Planing Width	82 mm (3-1/4″)
	Planing Depth	3 mm (1/8″)
	Max Shiplapping	20 mm (3/4")
	No Load Speed (RPM)	18,000
	Sound Power Level	102 dB(A)
	Dimensions	390x175x140 mm
and the second s	(L x W x H)	(15-3/8"x6-7/8"x5-1/2")
	Net Weight	4.6 kg (10.2 lbs.)
and the second second	Power Supply Cord	2.0 m (6.6 ft.)

Planer Blade, Sharpening Holder Assembly (for resharpenable blade), Blade Gauge, Socket Wrench, Guide Rule

M9204B 125mm (5") Random Orbit Sander 419 🛲 Ergonomically designed palm grip for comfortable handling Contin Pad Si Abrasi Orbits Stroke Orbit D Sound



Continuous Rating Input	240W
Pad Size	123 mm (4-7/8")
Abrasive Paper Size	125 mm (5")
Orbits Per Minute (OPM)	12,000
Strokes Per Minute (SPM)	24,000
Orbit Diameter	2.8 mm (1/8")
Sound Pressure Level	81 dB(A)
Sound Power Level	92 dB(A)
Dimensions	153x123x144 mm
(L x W x H)	(6"x4-7/8"x5-5/8")
Net Weight	1.2 kg (2.6 lbs)
Power Supply Cord	2.0 m (6.6 ft)



M9200B Finishing Sander		
Extremely versatile sander		419 🔤
There	Continuous Rating Input Pad Size Abrasive Paper Size Orbits Per Minute (OPM) Sound Pressure Level Dimensions (L x W x H) Net Weight Power Supply Cord	180W 112 x 102 mm (4-3/8" x 4") 114 x 140 mm (4-1/2" x 5-1/2") 14,000 79 dB(A) 110x112x133 mm (4-5/16" x 4-3/8" x 5-1/4") 0.9 kg (2 lbs) 2.0 m (6.6 ft)
Abrasive paper x6		

M4000B Blower In-line grip for higher maneuverability



Continuous Rating Input	530W
Air Volume	1.2-2.9 m³/min
No Load Speed (RPM)	8,500 - 16,000
Sound Power Level	101 dB(A)
Dimensions	427x161x212 mm
(LxWxH)	(16-3/4"x6-3/8"x8-3/8")
Net Weight	1.5 kg (3.4 lbs)
Power Supply Cord	2.0 m (6.6 ft)



85 MW

**D** 🎉 🚺 3 Nozzle assembly, Sash nozzle



Planer blade 82, Sharpening Holder Assembly (for unit with resharpenable blade only), Blade gauge assembly, Socket wrench 9, Guide Rule, Dressing stone

M9400B 100mm (4") Belt Sander		
High performance and durability at less	s expense	153 🔤
Markità Martine	Continuous Rating Input Belt Size Belt Speed Sound Pressure Level Dimensions (L x W x H) Net Weight Power Supply Cord	940W 100 x 610 mm (4" x 24") 380 m/min (1,25 ft/min) 87 dB(A) 98 dB(A) 354x 175 x169 mm (14"x6-7/8"x6-5/8") 6.2 kg (13.7 lbs.) 2.0 m (6.6 ft.)

### 

Abrasive belt, Step, Dust bag assembly, Carbon plate

#### M9203B Finishing Sander

12,000 OPM for increased efficiency and smooth finish sanding



Continuous Rating Input 190W Pad Size 92x185m 92 x 185 mm (3-5/8" x 7-1/4") 
 Abrasive Paper Size
 93 x 228 mm (3-5/8" x 9")

 Orbits Per Minute (OPM)
 12,000
 Strokes Per Minute (SPM) 24,000 Orbit Diameter 2.0 mm (1/16") Sound Pressure Level Dimensions  $(I \times W \times H)$ Net Weight Power Supply Cord

75 dB(A) 252x92x154 mm (9-7/8"x3-5/8"x6-1/16") 1.4 kg (3.2 lbs) 2.0 m (6.6 ft)

64 MW

Abrasive paper #120, Punch Plate, Dust bag





### Tnakita.

	Makita Cordless Part Number Brea	kdown
DSE	Charger (DC10WA), 2X7.2V - 1.0Ah Batteries (BL7010)	🧼 🛯 🖉
DW	Charger (DC10WA), 1X10.8V - 1.3Ah Battery (BL1013)	۵
DWE	Charger (DC10WA), 2X10.8V - 1.3Ah Batteries (BL1013)	🧼 🕽 🕽
DWYE	Standard Charger (DC10WD), 2X12Vmax - 1.5Ah Batteries (BL1016)	
DSYE	Fast Charger (DC10SB), 2X12Vmax - 1.5Ah Batteries (BL1016)	۲
DSAE	Fast Charger (DC10SB), 2X12Vmax - 2.0Ah Batteries (BL1021B)	۲
DSAJ	Fast Charger (DC10SB), 2X12Vmax - 2.0Ah Batteries (BL1021B), Makpac	ڬ 🌩 🌭
DSME	Fast Charger (DC10SB), 2X12Vmax - 4.0Ah Batteries (BL1041B)	💕 🏶 🏶
SYE	Standard Charger (DC18SD), 2X18V - 1.5Ah Batteries (BL1815B)	۲
RYE	Rapid Charger (DC18RC), 2X18V - 1.5Ah Batteries (BL1815B)	۵ کې کې
SF	Standard Charger (DC18SD), 1X18V - 3.0Ah Battery (BL1830B)	۲
RF	Rapid Charger (DC18RC), 1X18V - 3.0Ah Battery (BL1830B)	۲
RFE/ RF2	Rapid Charger (DC18RC), 2X18V - 3.0Ah Batteries (BL1830B)	۲
RFJ	Rapid Charger (DC18RC), 2X18V - 3.0Ah Batteries (BL1830B), Makpac	🎱 🌒
RME	Rapid Charger (DC18RC), 2X18V - 4.0Ah Batteries (BL1840B)	۲
RTE/ RT2	Rapid Charger (DC18RC), 2X18V - 5.0Ah Batteries (BL1850B)	۲
RTJ	Rapid Charger (DC18RC), 2X18V - 5.0Ah Batteries (BL1850B), Makpac	😻 🧇 🧼 🚞
PT2	Dual Port Rapid Charger (DC18RD), 2X18V - 5.0Ah Batteries (BL1850B)	🐲 🏟 🏟
PG2J	Dual Port Rapid Charger (DC18RD), 2X18V - 6.0Ah Batteries (BL1860B), Makpac	
G2	2X18V - 6.0Ah Batteries (BL1860B)	۰

### Makita Coding System - Ending Alphabet



Tool come with carton box only



# **Combination / Rotary Hammer Drill Capability Chart**

																					Material f	or drilling		L
			EPTA Weight (kg)	0 1	0 2	0 3	0 40	50	60	70	80	90	100	110	120	130	140 1	50 1	60	Highly reinforced concrete	Concrete, granite, stone, brick	Metal/ wood	Working direction	Drilling/ chiselling ratio
16mm series	HR166D SDS-plus		1.8~2.4				3.2- 3.2-			C	iamon	d core	e 32 (dr	y type)	)					$\checkmark$	$\sqrt{\sqrt{}}$	$\checkmark$	₽	
17mm series	DHR171 SDS-plus		2.1~2.8				3.2- 3.2-			C	iamon	d core	e 32 (dr	y type)	)					$\checkmark$	$\sqrt{\sqrt{}}$	$\checkmark$	₽	
18mm series	HR1840/41F SDS-plus		2.0~2.5				3.2- 3.2- 35			C	iamon	d core	e 32 ~ 6	55 (dry	type)					$\checkmark$	$\sqrt{\sqrt{}}$	$\checkmark$	₽	
	DHR182 SDS-plus		2.4~3.2				3.2- 3.2- 35			C	iamon	d core	e 32 (dr	y type)	)					~	$\sqrt{\sqrt{\sqrt{1}}}$	$\checkmark$	↓ ↓	
20mm series	DHR202 SDS-plus		3.5				3.2- 4-1			C	iamon	d core	e 32 (dr	y type)	)					$\checkmark$	$\sqrt{\sqrt{}}$	$\checkmark$	₽	
22mm series	DHR2230 SDS-plus	X	2.6				3.2- 4-1			C	iamon	d core	e 32 ~ 6	55 (dry	type)					$\checkmark$	$\sqrt{\sqrt{}}$	$\checkmark$	→	
	MT870 SDS-plus		2.5				_	4 35-54		C	iamon	d core	e 32 ~ 6	5 (dry	type)					$\checkmark$	$\sqrt{\sqrt{}}$	$\checkmark$	↓ .	
23mm series	HR2300 SDS-plus		2.7				3.2- 4-1		8		iamon	d core	e 32 ~ 7	70 (dry	type)					$\checkmark$	$\sqrt{\sqrt{}}$	$\checkmark$	↓ →	
	HR2310T SDS-plus		2.9				3.2- 4-1	5 35-6	8		iamon	d core	e 32 ~ 7	70 (dry	type)					$\checkmark$	$\sqrt{\sqrt{\sqrt{1}}}$	$\checkmark$	↓ →	
	HR2320T SDS-plus		2.9				3.2- 4-1	5 35-6		C	iamon	d core	e 32 ~ 7	70 (dry	type)					$\checkmark$	$\sqrt{\sqrt{\sqrt{2}}}$	$\checkmark$	↓ ↓ ·	
24mm series	HR2460 SDS-plus		2.8					3.2-2 4-1 35-54		C	iamon	d core	e 32 ~ 6	55 (dry	type)					$\checkmark$	$\sqrt{\sqrt{}}$	<ul> <li>✓</li> </ul>	↓ ↓	
	HR2470 SDS-plus		2.9					3.2-2 4-1 35-54						55 (dry						$\checkmark$	$\sqrt{\sqrt{}}$	<ul> <li>✓</li> </ul>	↓ →	
	DHR241 SDS-plus		3.5				3.2 4-	12 35-54						y type)						$\checkmark$	$\sqrt{\sqrt{}}$	<ul> <li>✓</li> </ul>	$\vdash$	
	DHR242 SDS-plus		3.1~3.8					3.2-2 4-1 35-54						55 (dry						$\checkmark$	$\sqrt{\sqrt{}}$	<ul> <li>✓</li> </ul>	$\vdash$	
26mm series	DHR263 SDS-plus HR2600		3.5					18 35-54						55 (dry						$\checkmark$	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	<ul> <li>✓</li> </ul>	↓ → •	_
	Series SDS-plus HR2630		2.8~2.9				3.2	18 35-6	58					30 (dry						✓	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	✓	<b>→</b>	
	Series SDS-plus HR2650		2.8~3.1				3.2	18 35-6	58					30 (dry						✓	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	<ul> <li>✓</li> </ul>	<b>↓</b>	
	Series SDS-plus		3.0~3.2					18 35-6	58					30 (dry						$\checkmark$	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	<ul> <li>✓</li> </ul>	↓ → •	
	HR2661 SDS-plus		3.2				3.2	18 35-6	58					30 (dry						$\checkmark$	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	✓	<b>→</b>	
	M8701 SDS-plus HR2800		2.7				3.2	18 35-6	58					30 (dry						<b>√</b>	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	<b>√</b>	↓ → +	
28mm series	Series SDS-plus DHR282		3.4~3.6				3.2	20	35-80					30 (dry						$\checkmark$	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	~	↓	
	Series SDS-plus HR001G		3.9~5.0					20 35-54						55 (dry						<ul> <li>✓</li> </ul>	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	<ul> <li>✓</li> </ul>	↓→ +	
	Series SDS-plus HR3210FCT		3.9~4.6				6-3	20 35-54												✓	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	<ul> <li>✓</li> </ul>		
30mm series	Series SDS-plus		4.8~5.4				4 10-		35-9 10-4	90	arrion			90 (dry	(ype)					$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	✓		
40mm series	HR4002 SDS-max HR4013C		6.6						16-3 20-10	32 05				4						$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$		↓ _→	
	Series SDS-max		6.2~6.8						16-3 20-10	35 05										$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$		↓ 	
	DHR400 SDS-max		7.3~8.1						16-3 20-10	35 05				4						$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$			
45 m	HR005G SDS-max HR4511C		7.4~7.9	_					16-3 20-10	35 05				4						$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$			
45mm series	Series SDS-max HR5212C		8.2~9.0	-				-	22-4	10		19-52	2							$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$			
50mm series	Series SDS-max HR006G		10.9~11.9	_							:	25-45 20-160 19-52	5							$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$			
	Series SDS-max		12.9~14.3								1	25-45 20-160	5							$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$			-	
																			ļ	appro	<b>x:</b> 50% dril	ling, 50% (	cniselling	

Tungsten Carbide-tipped usable range

Recommended range

Core bits





				Carbo	on Brus	sh List				
Carbon Brush	Part Number					Model				
CB-1	181019-9	903								
CB-51	181021-2	1902	3700B	4300BV	6013BR	6016	6300NB			
CB-55 CB-55A	181026-2 B-80248	8416	JR3000V							
CB-64 CB-64A	191627-8 B-80254	6412 GV6010	6413 JV0600K	6510LVR	9035	906	BO3710	BO4540	DP4700	GD0603
CB-65 CB-65A	191628-6 A-81309	6905B	906H	JS1600	JS1670					
CB-70 CB-70A	191914-5 A-81212	6501								
CB-85 CB-85A	191998-3 B-80282	HP1630								
CB-100 CB-100A	181030-1 B-80298	1100	6906	9045B	9215SB	9218SB	9924DB	JN3200	JS3200	PC1100
CB-106 CB-106A	181410-1 A-81290	1911B	3620	RP0900	UT1301					
CB-132	191972-1	UC3520A	UC4020A	UC3541A	UC4041A					
CB-153 CB-153A	181044-0 B-80329	1804N 5008B 9401 LS1216	1805N 5008MG HS0600 LS1219L	2012NB 5016B LF1000 LS1440	2416S 5103N LS1013 N5900B	3501N 5201N LS1016 TW1000	3600H 5401N LS1019L UC3530A	3601B 5402 LS1040 UC3531A	3612BR 6910 LS1212 UC4030A	4107R 9105 LS1214 UC4051A
CB-173	195483-8	VC2510L	VC3210L							
CB-203 CB-203A	191953-5 B-80341	2414NB	3612C	HW1200	HW1300	LC1230	LW1400	LW1400	RP1801	
CB-203A CB-253	194547-5	PC5000C								
CB-303 CB-303A	191963-2 B-80379	2107F 9227C JN3201J UB1102	4100NH 9237C JR3050T UB1103	4100NH3Z CA5000 JR3060T UT1305	4131 DA4000LR JR3070CT UT2204	5606B GA5010 JS3201J	5740NB GA5020 LS0714	5806B GA6010 PV7000C	9015B HS7010 UB1100	9016B HS7600 UB1101
CB-325	194074-2	9553NB GD0601 HR2601	9556NBG GD0602 HR2610	9556PBG HR2230 HR2611FT	9556HBG HR2300 HR2630	9556HP HR2310T HR2631FT	9557NBG HR2320T HR2800	9563H HR2460 HR2810	GA4040 HR2470	GD0600 HR2600
CB-411 CB-411A	191940-4 B-80391	3709 KP0800	3901 RT0700C	4403 TD0101F	6922NB TW0200	9031 TW0350	9500NB	9523NB	DS4011	JN1601
CB-415 CB-415A	191950-1 B-80400	6904VH								
CB-419 CB-419A	191962-4 B-80422	4304 FS2700 JS1300	4350CT FS4300 TD0100	9035H HP1620 UH4570X	BO4510H HP2030 UH5570X	BO4556 HP2050 UH6570X	BO5031 HP2070 UH7580X	DA3010F HR1830	FS2300 HR2020	FS2500 HR2440
CB-459	194722-3	GA4030 JS1000	GA4031 JS1601	GA4034 JS1602	GA54530 PJ7000	GA4534 TM3000C	GA5030 TM3010C	GA5034	HR1840	HR1841
	1000	HW111								
	1160	HW102								
	09-001	SJ401								
EIB106C JM23000123		HB500 LH1201FL	LS1018L	MLT100						
JMZJ	00125	LIIIZOIIL	LSTOTEL		t OutCark	n Duuch				
CB-105 CB-105A	181038-5 B-80307	HM0810A	HM0810TA	HR2010	t - Out Carbo HR3520					
CB-155 CB-155A	181048-2 B-80335	HM1201								
CB-204	191957-7	4112HS GA9010C	4114S GA9012C	9617 GA9030	GA7010C	GA7012C	GA7020	GA7030	GA7040R	GA7040S
CB204A	B-80357	HM1306	HM1810	SA7000C	GA9030R	GA9040S	GA9050	GS5000	HM1302	HM1305
CB-218	197129-2	GA7060	GA7060R	GA7061R	GA7062	GA7063R	GA9060	HM1812	561250	6613511
CB-318 CB-327	191978-9 194285-9	9563C HR3000C	GA4040C	GA4041C	GD0800C	PK5001C	PO6000C	PW5001C	SG1250	SG1251J
CB-327 CB-350	194285-9	HK1820	HM0870C	HM0871C	HR3200C	HR4001C	HR4002	HR4003C	HR4003C	HR4030C
					ush for Cord					
CB-430 CB-438	191971-3	8414D DJS101	DCS550 DJS161	DCO180 DJV180	BGA450 DPB180	DGA402 DPJ180	DGA452 DSS501	DGD800 BUB360	BHR240 DUC122	DJN161 DHR165
CB-434	193466-2	DUB361 6932FD	6935FD	BTW121						
CB-440	194427-5	DDA351 DFS450 DHP458 TD091D	DDF442 DFS451 DHP482	DDF444 BHP442 DJS130	BDF450 DHP444 BTD142	BDF452 DHP444 DTD146	DDF456 BHP450 DTP140	DDF458 BHP452 DTW152	DDF482 BHP454 DTW251	DFR550 DHP456 DBN500
CB-441	194435-6	DHR202 DTW450	DHR241	DHS630	DJR181	DJR182	DJR186	DKP180	DLS713	DSS610
CB-442	194928-3	BHR261 DUH651	BHR262	BUC250	BUH550	BUH650	DHR263	DHS710	DUC252	DUC302
CB-448	196854-2	DTW152	DTW251			1				1



### **How to Maximise Battery Performance**

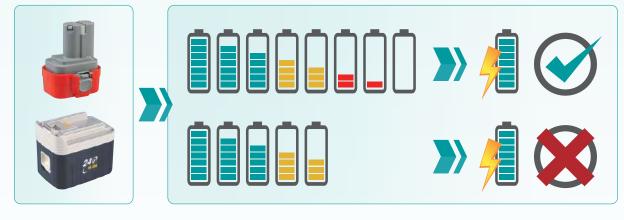
### **Rechargeable Tool Battery Don'ts**

- Do not Use the Battery till it is flat : Using the battery till it is flat, can permanently damage the poles and shorten battery life. Recharge the battery as soon as your tool starts to slow down. Unless you are using a NiCd battery operated tool.
- Do not Overload the Battery : Use the cordless tool within specification. Do not overload the cordless tool.
- Do not Get Battery Wet: Avoid exposing your batteries to water. Immediately wipe away any moisture on the tool or battery.
- Do not throw or drop the Battery: Dropping or throwing the battery may cause damage to battery.

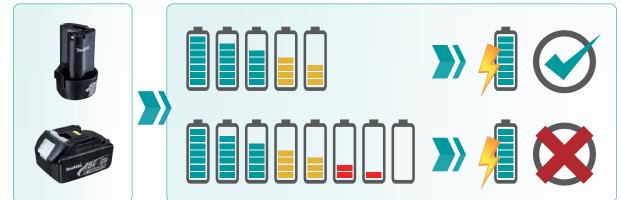


You should stop your operations and charge it when you feel the power is getting lower and lower. This will help to reduce the load to battery and to extend battery lifetime. <u>Never use till empty!</u>

#### When to CHARGE a Ni-Cd / Ni-MH Battery



### When to CHARGE a Li-ion Battery



### Icon

	Double Insulation	9	Torque Setting 9		Bevel Cutting 45 LR		Chain Brake
	Variable Speed		Torque Setting 16	1	Makita Shank Jig Saw Blade	<b>K</b>	Anti Vibration
Θ	Brake		Torque Setting 18	<b></b>	Bayonet Shank Jig Saw Blade	2	Revolving Hose
	Reversing		Torque Setting 20	MSE	Laser Marker		Static Free Hose
2	Mechanical 2-Speed	21	Torque Setting 21		Orbital Cutting		SDS-PLUS Shank
63	Mechanical 3-Speed		Torque Setting 21_41	K	Hook & Loop		SDS-MAX Shank
-2	Electronic 2-Speed	K	Dust Collection		Depth Adjustment	D	17mm Hex Shank
-3	Electronic 3-Speed	S	Torque Limiter	1	Sequential and Bump-fire	21	21mm Hex Shank
-4	Electronic 4-Speed		Constant Speed	K	Auto Firing Stop	20	28.6mm Hex Shank
	Keyless Chuck	<u>.</u>	Soft Start		Automatic Oiling	30	30mm Hex Shank
	Clutch-equipped		Bevel Cutting 45 left		Stainless Tank		Built-in Job Light
6	Torque Setting 6		Bevel Cutting L45 R5		Wooden Carrying Case		Carrying Case



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