Power Tools

**CODE** | **EQUIPMENT** | **Manufacturers Data** | **APPLICATION** | **FIELD TEST DATA** | **SOUND PRESSURE**
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0311 | Makita BF441RF Cordless Drill Bosch GSB 14-4VRE | 2.5ms2 | Drilling | 12.0ms2 | 70(dBA) | 43
0334 | Bosch GBH 2-22RE Makita BHR200 24V | 10.0ms2 | 2.5ms2 | Breaking with chisel> Hammer Drilling> | 12ms2 | 86(dBA) | 87
0348 | Hilti TE6A Cordless Drill 36V | 11.0ms2 | | | 14ms2 | 87(dBA) | 87
0301 | Makita HP2071F | 16.0ms2 | | | | 99(dBA) | 96

**PERCUSSION DRILLS**

0314 | Makita D3210C Bosch GBH2-22RE Hilti TE30C | 2.5ms2 | 12.0ms2 | 12.0ms2 | Drilling| 70(dBA) | 89(dBA) | 90
0318 | Makita HR4011C M102/4 Combi Hammer Bosch GBH5040DE | 6.5ms2 | 10.0ms2 | | Breaking out dense concrete wall 1” chisel> Hammer drilling | 11.6ms2 | 108(dBA) | 108
0322 | Makita HR3211C H/D Combi Hammer Bosch GBH11DE | 12.5ms2 | 10.0ms2 | | | 15.3ms2 | 91(dBA) | 91
0331 | Makita HB4401 Dry Diamond Core Drill | 9.0ms2 | 9.5ms2 | | Non Hammer drilling 127mm core bit Impact drilling with 13mm bit | 12.0ms2 | 94(dBA) | 94

**CIRCULAR SAWS-WOOD**

0201 | Bosch GKS 85 190mm Makita 5303R 190mm Hitachi CTU 190mm | 3.5ms2 | 3.0ms2 | 2.5ms2 | Cutting 12mm PVC sheet> Cutting 12" plywood board> Cutting 2" x 4" softwood> Cutting chipboard> | 2.5ms2 | 93(dBA) | 93
0203 | Hitachi 9303 200mm | 3.0ms2 | | | | 2.8ms2 | 95(dBA) | 95
0205 | Bosch GKS 85S 230mm Hitachi C3 230mm | 3.5ms2 | 2.5ms2 | | Cutting 5/8" plywood> Cutting 2 x 4" softwood> Cutting chipboard> | 6.8ms2 | 110(dBA) | 110
0265 | Makita BS6510RF 18V | 2.5ms2 | | | | 2.6ms2 | 80(dBA) | 80
0209 | Flex D2AB0100 Door Trimming Saw | 4.5ms2 | | | | | | 80
0261 | Makita 3991 Biscuit Jointer Makita LS1040 260mm Mitre Saw Makita LS1013 260mm Slide Compound M/S MetaB TKHS - 315mm Saw Bench Dewalt DW774 Combination Saw | <2.5ms2 | 2.5ms2 | | | | 75(dBA) | 75
0246 | Makita 8406 Dry Diamond Core Drill | 9.0ms2 | | | | 12.0ms2 | 94(dBA) | 94

**SANDERS**

0105 | Makita BCR4000V Orbital Sander Bosch GSS280 AE Orbital Sander Makita BDR554 Palm Sander | 2.5ms2 | 3.0ms2 | 3.0ms2 | Cutting Sanding Sheet Steel> Planing softwood> Cutting 26mm Palm Sander> Cutting 26mm Slide Compound M/S> | 3.0ms2 | 88(dBA) | 88
0122 | Bosch GEX 150AC Random Orbital Sander Makita BO06030 Random Orbital Sander Makita A7000C 175mm Disc Sander | 4.0ms2 | 4.0ms2 | 2.5ms2 | | 93(dBA) | 93
0109 | Makita A9401 Belt Sander | 2.5ms2 | | | | | | 89(dBA)

**PLANERS & ROUTERS**

0113 | Makita KP0810K Wood Planer Bosch GHO40-82C Planer Makita 4612CX Router | 3.5ms2 | 2.5ms2 | 2.5ms2 | Planing softwood Routing pine | 2.5ms2 | 88(dBA) | 88
0115 | | | | | | 4.2ms2 | 84(dBA) | 84
0149 | Makita BBR4307F Planer | | | | | | 77(dBA) | 77

**SCREWDRIVERS**

0435 | Makita BTD 1300RF Impact/Screwdriver | 14.0ms2 | | | | | | 90(dBA)
0419 | Makita BBR4307F Auto Feed Screwdriver | <2.5ms2 | | | | | | 84(dBA)
0415 | Makita A/F Screwdriver BFR550 FFE | 2.5ms2 | | | | | | 77(dBA)

**JIGSAWS**

0205 | Bosch GST2000 Makita A350CT | 4.0ms2 | 4.5ms2 | | Cutting wood> Cutting sheet metal> Cutting wood> Cutting Chipboard> Cutting sheet metal> | 7.9ms2 | 83(dBA) | 84
0277 | Bosch Cordless GST14V Makita Cordless BLV180FE | <2.5ms2 | 5.0ms2 | | | 8.0ms2 | 85(dBA) | 85

**RECIPROCATING SAWS**

0231 | Makita Reciprocating Saw Cordless | 18.5ms2 | | | | | | 84(dBA)
0266 | Makita Reciprocating Saw JR3032 110V Makita Reciprocating Saw JR3022 110V | 22.0ms2 | 13.0ms2 | | Cutting chipboard> Cutting chipboard> Cutting 6mm steel plate with 24tpi blade | 10.7ms2 | 83(dBA) | 83

**Field Test Data:** is independently tested and reflects examples of typical ‘real world’ vibration levels measured during specific applications. The HSE recommends this type of data for accurate risk assessments.

**NOTE:** The information contained in this poster is intended for general use only. If you require further information please contact Brandon Hire.