



FULL RANGE OF SAFETY PACKS AVAILABLE

| Manufacturer | Model No | Description | Vibration Magnitude in m/s ² * | Time to reach EAV 2.5 m/s ² A(8) hours/mins | Time to reach ELV 5m/s ² A(8) hours/mins | HSE points per hour |
|--------------------------|-------------------|-------------------------------------|--|--|---|------------------------|
| BELLE ENGINEERING | BREAKER 2021X U/D | HYDRAULIC BREAKER GUN | 8.6 | 0.41 | 2.44 | 147 |
| BELLE ENGINEERING | BREAKER 2025X PAN | HYDRAULIC BREAKER GUN | 8.4 | 0.43 | 2.52 | 140 |
| BELLE ENGINEERING | CFS 450 YANMAR | FLOOR SAW | 2.9 | 5.54 | 23.36 | 17 |
| BELLE ENGINEERING | COMPACTX | FLOOR SAW | 2.8 | 6.31 | >24.00 | 15 |
| BELLE ENGINEERING | PCX350 | COMPACTOR PLATE | 1.6 | 18.43 | >24.00 | 5 |
| BELLE ENGINEERING | PCX400 | COMPACTOR PLATE | 2.1 | 11.33 | >24.00 | 9 |
| BELLE ENGINEERING | PCX450 | COMPACTOR PLATE | 1.9 | 13.35 | >24.00 | 7 |
| BELLE ENGINEERING | PCX500 | COMPACTOR PLATE | 2 | 12.04 | >24.00 | 8 |
| DEWALT | D25404K | COMBINATION HAMMER | 11.4 | 0.23 | 1.33 | 259 |
| DEWALT | D25701K | COMBINATION HAMMER | 10.1 | 0.29 | 1.58 | 204 |
| DEWALT | D25730K | COMBINATION HAMMER | 12.7 | 0.19 | 1.14 | 322 |
| DEWALT | D25840K | DEMOLITION HAMMER | 14 | 0.15 | 1.01 | 393 |
| DEWALT | D25900K | DEMOLITION HAMMER | 12.9 | 0.18 | 1.12 | 334 |
| DEWALT | D25940K | DEMOLITION HAMMER | 11.9 | 0.21 | 1.24 | 284 |
| DEWALT | D28113 | ANGLE GRINDER 115mm | 11.2 | 0.24 | 1.36 | 251 |
| DEWALT | D28117 | ANGLE GRINDER 115mm | 8.3 | 0.44 | 2.56 | 136 |
| DEWALT | D28415 | ANGLE GRINDER 230mm | 6.6 | 1.08 | 4.34 | 88 |
| DEWALT | DC212N | ROTARY HAMMER DRILL CORDLESS | 7.9 | 0.48 | 3.12 | 125 |
| DEWALT | DC224KA | ROTARY HAMMER DRILL CORDLESS | 7.3 | 0.57 | 3.48 | 105 |
| DEWALT | DC234KL | ROTARY HAMMER DRILL CORDLESS | 8 | 0.47 | 3.08 | 128 |
| DIMAS - PARTNER | K1250 | PETROL POWERED RAIL SAW | 9.2 | 0.36 | 2.23 | 168 |
| DIMAS - PARTNER | K2500 | CUT OFF SAW | 4.6 | 2.22 | 9.28 | 42 |
| DIMAS - PARTNER | K750 | CUT OFF SAW | 4.4 | 2.38 | 10.31 | 38 |
| DIMAS - PARTNER | K950 | CUT OFF SAW | 8.9 | 0.38 | 2.32 | 158 |
| HILTI | AG125-S | ANGLE GRINDER 125mm | 5.4 | 3.08 | 12.34 | 32 |
| HILTI | AG230-S | ANGLE GRINDER 230mm | 8.7 | 0.40 | 2.39 | 151 |
| HILTI | DC125-S | ANGLE GRINDER 125mm | 7.1 | 0.59 | 3.57 | 101 |
| HILTI | DC230 | ANGLE GRINDER 230mm | 6.6 | 1.09 | 4.35 | 87 |
| HILTI | DD100 | DIAMOND CORE DRILL (RIG HELD) | 4.6 | 2.20 | 9.21 | 43 |
| HILTI | DD100 | DIAMOND CORE DRILL (HAND HELD) | 9.4 | 0.34 | 2.17 | 175 |
| HILTI | DD130 | DIAMOND CORE DRILL (RIG STAND) | 2.2 | 10.20 | >24.00 | 10 |
| HILTI | DD130 | DIAMOND CORE DRILL (HAND HELD) | 7.1 | 0.59 | 3.57 | 101 |
| HILTI | DD200 | DIAMOND CORE DRILL | 5.8 | 1.30 | 6.00 | 67 |
| HILTI | SF-151-A (NiMH) | DRILL / SCREWDRIVER | 2.7 | 6.50 | >24.00 | 15 |
| HILTI | SFH-151-A (NiMH) | ROTARY HAMMER DRILL CORDLESS | 12.5 | 0.19 | 1.16 | 315 |
| HILTI | SF 180-A | ROTARY HAMMER DRILL CORDLESS | 4.1 | 2.59 | 11.57 | 33 |
| HILTI | TE104 | BREAKER & SCALER | 8.6 | 0.41 | 2.42 | 148 |
| HILTI | TE16 | ROTARY HAMMER DRILL | 13.3 | 0.17 | 1.08 | 354 |
| HILTI | TE16-C | ROTARY HAMMER DRILL | 11.4 | 0.23 | 1.32 | 260 |
| HILTI | TE2 | ROTARY HAMMER DRILL | 13 | 0.18 | 1.11 | 338 |
| HILTI | TE2-A | ROTARY HAMMER DRILL CORDLESS | 9.6 | 0.33 | 2.10 | 184 |
| HILTI | TE2-M | ROTARY HAMMER DRILL | 10.2 | 0.29 | 1.55 | 208 |
| HILTI | TE35 | COMBINATION HAMMER | 10.3 | 0.28 | 1.53 | 212 |
| HILTI | TE505 | BREAKER | 12.9 | 0.18 | 1.12 | 333 |
| HILTI | TE56-ATC | COMBINATION HAMMER | 10 | 0.30 | 1.59 | 202 |
| HILTI | TE6-A | ROTARY HAMMER DRILL CORDLESS | 8.4 | 0.43 | 2.50 | 141 |
| HILTI | TE6-S | ROTARY HAMMER DRILL | 11.3 | 0.24 | 1.34 | 255 |
| HILTI | TE706AVR | BREAKER | 6.6 | 1.09 | 4.35 | 87 |
| HILTI | TE76P-ATC | COMBINATION HAMMER | 11.9 | 0.21 | 1.24 | 285 |
| HILTI | TE905AVR | BREAKER | 9.3 | 0.35 | 2.19 | 173 |
| HIRE TECHNICIANS GRP LTD | HT7-2 | FLOOR EDGING SANDER | 3.1 | 5.12 | 20.49 | 19 |
| HIRE TECHNICIANS GRP LTD | HT8-1 | FLOOR SANDER | 1.8 | 15.26 | >24.00 | 6 |
| HIRE TECHNICIANS GRP LTD | HTF-2 | FLOOR REFINISHING SANDER | 9 | 0.37 | 2.28 | 162 |
| JCB | HM22 | MEDIUM HYDRAULIC BREAKER GUN BEAVER | 4.6 | 2.22 | 9.27 | 42 |
| JCB | HM25 | H/DUTY HYDRAULIC BREAKER GUN BEAVER | 7 | 1.01 | 4.05 | 98 |
| MACDONALD AIR TOOLS | 15PVR | LIGHT BREAKER 18KG | 5 | 2.00 | 8.02 | 50 |
| MACDONALD AIR TOOLS | 17PVR | LIGHT BREAKER 21KG | 3.8 | 3.27 | 13.47 | 29 |
| MACDONALD AIR TOOLS | 19TVR | LIGHT BREAKER 25.5KG | 5.6 | 1.34 | 6.17 | 64 |
| MACDONALD AIR TOOLS | 1UFVR | POLE SCABBLER | 7.8 | 0.49 | 3.16 | 122 |
| MACDONALD AIR TOOLS | 23TVR | BREAKER 26.5KG | 7.2 | 0.58 | 3.51 | 104 |
| MACDONALD AIR TOOLS | 28S-VRT | MEDIUM WEIGHT PAVING BREAKER | 4.6 | 2.21 | 9.22 | 43 |
| MACDONALD AIR TOOLS | 344VRS | HEAVY WEIGHT PAVING BREAKER 36KG | 6.5 | 1.11 | 4.42 | 85 |
| MACDONALD AIR TOOLS | CH4VRS | LIGHT WEIGHT CHIPPING HAMMER 6.5KG | 4.2 | 2.49 | 11.17 | 35 |
| MACDONALD AIR TOOLS | DM11VRS | HEAVY WEIGHT DEMOLITION PICK 13.5KG | 5.2 | 1.50 | 7.19 | 55 |

| | | | | | | |
|------------------------|-----------------|--------------------------------------|------|--------|--------|-----|
| MACDONALD AIR TOOLS | DM12VRS | HEAVY WEIGHT DEMOLITION PICK 16.5KG | 4.2 | 2.48 | 11.14 | 36 |
| MACDONALD AIR TOOLS | DR4VRS | LIGHT WEIGHT ROCK DRILL 7KG | 5.3 | 1.48 | 7.10 | 56 |
| MACDONALD AIR TOOLS | MSG3VR | 3- HEAD HAND SCABBLER | 4.9 | 2.08 | 8.30 | 47 |
| MACDONALD AIR TOOLS | S1VR | 1- HEAD HAND SCABBLER | 3.8 | 3.28 | 13.51 | 29 |
| MACDONALD AIR TOOLS | MH202032 | HYDRAULIC BREAKER GUN | 7.9 | 0.48 | 3.11 | 126 |
| MACDONALD AIR TOOLS | UV3R | 3- HEAD TROLLEY SCABBLER | 3.6 | 3.54 | 15.36 | 26 |
| MACDONALD AIR TOOLS | U5VR | 5- HEAD TROLLEY SCABBLER | 3.9 | 3.21 | 13.25 | 30 |
| MAKITA | 4112HS | ELECTRIC STONE CUTTER | 7.2 | 0.59 | 3.54 | 103 |
| MAKITA | 8444DWFE | ROTARY HAMMER DRILL CORDLESS | 15.3 | 0.13 | 0.51 | 471 |
| MAKITA | 9015B | ANGLE GRINDER 125mm | 7.2 | 0.57 | 3.50 | 105 |
| MAKITA | 9069 | ANGLE GRINDER 230mm | 6.1 | 1.21 | 5.25 | 74 |
| MAKITA | 9404 | BELT SANDER 100mm | 2.8 | 6.20 | >24.00 | 16 |
| MAKITA | 9555NB | ANGLE GRINDER 125mm | 7.4 | 0.54 | 3.37 | 111 |
| MAKITA | 9557NB | ANGLE GRINDER 115mm | 6.4 | 1.14 | 4.57 | 81 |
| MAKITA | 9564CV | ANGLE GRINDER 115mm | 5.5 | 1.31 | 6.03 | 66 |
| MAKITA | 9565CV | ANGLE GRINDER 125mm | 7.7 | 0.51 | 3.22 | 119 |
| MAKITA | BRH200 | ROTARY HAMMER DRILL CORDLESS | 10.1 | 0.29 | 1.57 | 205 |
| MAKITA | DPC6410 | CUT OFF SAW | 7.4 | 0.55 | 3.39 | 110 |
| MAKITA | GA9020 | ANGLE GRINDER 230mm | 9.6 | 0.32 | 2.10 | 185 |
| MAKITA | GA9040 | ANGLE GRINDER 230mm | 9.7 | 0.32 | 2.07 | 190 |
| MAKITA | HM0860C | DEMOLITION HAMMER | 18.2 | 0.09 | 0.36 | 662 |
| MAKITA | HM1202C | DEMOLITION HAMMER | 15.7 | 0.12 | 0.49 | 493 |
| MAKITA | HM1810 | DEMOLITION HAMMER | 10.5 | 0.27 | 1.48 | 222 |
| MAKITA | HP2071F | PURCUSSION DRILL | 15.3 | 0.13 | 0.51 | 468 |
| MAKITA | HR1830 | ROTARY HAMMER DRILL | 11.1 | 0.24 | 1.37 | 248 |
| MAKITA | HR2020 | ROTARY HAMMER DRILL | 11.2 | 0.24 | 1.37 | 249 |
| MAKITA | HR2440 | ROTARY HAMMER DRILL | 14 | 0.15 | 1.02 | 389 |
| MAKITA | HR2450T | ROTARY HAMMER DRILL | 12.4 | 0.19 | 1.18 | 309 |
| MAKITA | HR3000C | ROTARY HAMMER DRILL 4KG | 13.1 | 0.18 | 1.10 | 341 |
| MAKITA | HR4011C | ROTARY HAMMER DRILL 6KG | 9.3 | 0.35 | 2.19 | 172 |
| MAKITA | HR4500C | ROTARY HAMMER DRILL 8KG | 15.9 | 0.12 | 0.47 | 508 |
| MAKITA | HR5001C | ROTARY HAMMER DRILL 10KG | 20.4 | 0.07 | 0.29 | 833 |
| MAKITA | JR3070CT | RECIPROCATING SAW | 12.5 | 0.19 | 1.17 | 313 |
| MILWAUKEE | AGV 16-125 QXC | ANGLE GRINDER 125mm | 5.4 | 1.42 | 6.48 | 59 |
| MILWAUKEE | LOKTOR P 18 TXC | ROTARY HAMMER DRILL CORDLESS | 5.9 | 1.27 | 5.49 | 69 |
| MILWAUKEE | PHE 40 SQ | ROTARY HAMMER DRILL | 17.1 | 0.10 | 0.41 | 584 |
| MILWAUKEE | PSH 18 | RECIPROCATING SAW CORDLESS | 13.3 | 0.17 | 1.08 | 354 |
| MILWAUKEE | V28 CS | CIRCULAR SAW 165mm CORDLESS | 1.3 | >24.00 | >24.00 | 3 |
| MILWAUKEE | V28 HX | ROTARY HAMMER DRILL CORDLESS | 18.4 | 0.09 | 0.35 | 676 |
| MILWAUKEE | V28 PD | ROTARY HAMMER DRILL CORDLESS | 11.4 | 0.23 | 1.33 | 259 |
| SPE | BEF 200-1 | MULTIPLANE ELECTRIC | 4.4 | 2.32 | 10.08 | 40 |
| SPE | BEF 200-4 | MULTIPLANE PETROL | 8.2 | 0.44 | 2.58 | 135 |
| SPE | BEF275-1 | MULTIPLANE PETROL | 5.3 | 1.46 | 7.02 | 57 |
| SPE | DFG250-2 | DIAMOND FLOOR GRINDER PETROL | 4.9 | 2.07 | 8.28 | 47 |
| SPE | DFG400-4 | DIAMOND FLOOR GRINDER PETROL | 5.6 | 1.36 | 6.25 | 62 |
| SPE | DFG400-5 | DIAMOND FLOOR GRINDER ELECTRIC | 1.2 | >24.00 | >24.00 | 3 |
| SPE | MS230-1 | FLOOR TILE LIFTER ELECTRIC | 13.5 | 0.16 | 1.05 | 367 |
| SPE | MS330-1 | FLOOR TILE LIFTER ELECTRIC | 9.4 | 0.34 | 2.17 | 176 |
| SPE | STR701-1 | MULTIPURPOSE PREPARATION SYSTEM ELEC | 1.2 | >24.00 | >24.00 | 3 |
| STIHL | TS400 | CUT OFF SAW | 5.7 | 1.31 | 6.03 | 66 |
| TAYLOR CONSTRCTN PLANT | HI-C40 | ROCK CRUSHER | 6.3 | 1.15 | 4.59 | 80 |
| TAYLOR CONSTRCTN PLANT | HI-T500 | MINI DUMPER | 3.5 | 3.59 | 15.57 | 25 |

| | | | |
|---|-----------------------|----------------------|--|
| * Vibration magnitude values used in this chart are often an average figure taken from more than one test carried out by OPERC. | Exposure Action Value | Exposure Limit Value | |
| For more job-specific readings for any tool, please visit www.operc.com | | | |