

VR TOOL RANGE  
SOUND & VIBRATION DATA



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TYPE	MODEL NO.	DESCRIPTION	WEIGHT	VIBRATION Accredited by Loughborough University on OPERC site.			SOUND Certified by AV Technology on Macdonalds site.	
				3-Axis Vibration working level (m/s <sup>2</sup> )	Average daily trigger time to reach EAV (hours / mins)	Average daily trigger time to reach ELV (hours / mins)	Average measured sound power level (dB) + K**	Guaranteed sound power level (dB)
BREAKERS	24VRS	LIGHT WEIGHT BREAKER	26.1	6.4	1 H 13 MINS	4 H 53 MINS	104.8	108
	28SVRT	MEDIUM WEIGHT BREAKER	28.5	4.6	2 H 22 MINS	9 H 27 MINS	107.2	108
	344VRS	HEAVY WEIGHT BREAKER	35.5	6.5	1 H 11 MINS	4 H 44 MINS	109.4	111
DEMOTOOLS	DP11VRS	MEDIUM WEIGHT DEMOTOOL	12.7	5.2	1 H 51 MINS	7 H 24 MINS	103.7	105
	SKA12B	MEDIUM WEIGHT DEMOTOOL	12.0	3.8	3 H 28 MINS	13 H 51 MINS	102	102
DRILLS	1615VR	MEDIUM WEIGHT ROCK DRILL	17.5	6.7	1 H 07 MINS	4 H 27 MINS	115.0*	117
	2315VR	HEAVY WEIGHT ROCK DRILL	26.0	13.5	0 H 16 MINS	1 H 06 MINS	115.0*	117
HAND SCABBLERS	S1VR	SINGLE HEAD HAND SCABBLER	3.5	3.8	3 H 28 MINS	13 H 51 MINS	99.6*	102
	MSG3VR	TRIPLE HEAD HAND SCABBLER	4.5	4.8	2 H 10 MINS	8 H 41 MINS	N/A	105
	1UFTVR	POLE SCABBLER	16.5	5.0	2 H 00 MINS	8 H 00 MINS	103.0*	105
FLOOR SCABBLERS	U3VR	3 HEAD FLOOR SCABBLER	57.0	3.6	3 H 51 MINS	15 H 26 MINS	N/A	107
	U5VR	5 HEAD FLOOR SCABBLER	111.0	4.5	2 H 28 MINS	9 H 23 MINS	105.1*	107
	CCKVR	1 HEAD PRAM CRACK CHASER	50.0	3.9	3 H 17 MINS	13 H 09 MINS	N/A	107
	FPHD11	11 HEADED FLOOR SCABBLER	70.0	5.0	2 H 00 MINS	8 H 00 MINS	N/A	107

\* The 'K' value was not required to be added to these tools.

\*\*The 'K' value is a standard variation value added to the average measurement to account for variations between readings.

## NOTE

ELV denotes Exposure Limit Value - equivalent to 5m/s<sup>2</sup> for 8 hours.  
EAV denotes Exposure Action Value - equivalent to 2.5m/s<sup>2</sup> for 8 hours.

All the above tools are designed for 2 hand operation and vibration measurements have been made at each hand operating position. Where the vibration value is different for each hand, the higher of the 2 values is quoted.

## WARNING

The average 3-Axis Vibration working levels shown above were obtained when the tools were being used by trained operators in accordance with our operation instructions and using sharp cutting tools.

Tools not used in accordance with our operating instructions may expose untrained operators to higher vibration levels than those shown. Use of blunt cutting tools or excessive air supply pressure will also result in higher vibration exposure values.