

SPECIFICATION SHEET

Specifications		
Type	Electric 1 Phase	
Part Number	BEF200-1 (110v)	
Power Output	3hp	
Air Input	-	
Voltage	110	
Cycles	50hz	
Cutter Head Speed (rpm)	1753	
Machine Dimensions (mm)		
Length		940
Width		340
Height		905
Weight (kg)	54	
Working width of cutters (mm)	200	
Working distance from wall (mm)	45	
Working distance from wall with edger attachment (mm)	5-8	
Motor speed (rpm)	2870	

ELECTRICAL REQUIREMENTS

Volts	Plug Size	Cable Size	Max Cable Length	Transformer	Generator
110	32 Amp 3 pin	4.0 - 3 core	30 metres	5kva	8 kva

RECORD OF NOISE AND VIBRATION ASSESSMENT

Manufacturer:	SPE
Type:	Scarifier
Model No.	BEF200-1 Electric
Operation:	Concrete floor surface
Inserted Tool:	TCT cutters
Running Conditions:	2870 rpm
HAV Note:	Operc

HAND-ARM VIBRATION

Frequency Weighted Energy Equivalent Accelerations ($a_{h,w}$)

Measurement Position	Acceleration (m/s^2) Vector Sum
Handle	4.4

NOISE LEVELS

Sound Power Level (L_{WA})

L_{WA} at Octave Band Centre Frequency (Hz)								Sound Power Level L_{WA}
63	125	250	500	1000	2000	4000	8000	
46.7	61.0	81.9	86.9	90.3	91.7	91.3	84.0	96.8

Operator's Ear

$L_{Aeq,T}$ at Octave Band Centre Frequency (Hz)								Overall Level ($L_{Aeq,T}$)	L_{Peak} dB(C)
63	125	250	500	1000	2000	4000	8000		
32.1	44.1	67	75.6	79.4	77.5	75.6	67.5	84.2	99.8



RECORD OF NOISE AND VIBRATION ASSESSMENT

Manufacturer: SPE
 Type: Scarifier
 Model No. BEF200-1 Electric
 Operation: Concrete floor surface
 Inserted Tool: Beam cutters
 Running Conditions: 2870 rpm
 HAV Note: Operc

HAND-ARM VIBRATION

Frequency Weighted Energy Equivalent Accelerations ($a_{h,w}$)

Measurement Position	Acceleration (m/s^2)
	Vector Sum
Handle	3.9

NOISE LEVELS

Sound Power Level (L_{WA})

L_{WA} at Octave Band Centre Frequency (Hz)								Sound Power Level L_{WA}
63	125	250	500	1000	2000	4000	8000	
46.7	61.0	81.9	86.9	90.3	91.7	91.3	84.0	96.8

Operator's Ear

$L_{Aeq,T}$ at Octave Band Centre Frequency (Hz)								Overall Level ($L_{Aeq,T}$)	L_{Peak} dB(C)
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