



BEF320-1A
Operating Manual

SPECIFICATION SHEET

| Specifications | |
|---------------------------------|------------|
| Type | Electric |
| Part Number | BEF320-1A |
| Power Output (hp) | 15 |
| Voltage | 380/415 |
| Cycles | 50 |
| Cutter head speed (rpm) | 650 |
| Starter | Star/Delta |
| Travel speed mtr/min | 0-12 |
| Machine Dimensions (mm) | |
| Length | 1230 |
| Width | 590 |
| Height | 1220 |
| Weight (kg) c/w cutter drum | 339 |
| Working width of cutters (mm) | 320 |
| Working distance from wall (mm) | 40 |
| Hydraulic oil | HM46 |
| Tank capacity | 6 litres |

ELECTRICAL REQUIREMENTS

| Machine | Volts | Plug Size | Cable Size | Max Cable Length | Transformer | Generator |
|-----------|---------|----------------|---------------|------------------|-------------|-----------|
| BEF320-1A | 380/415 | 32Amp 4 pin | 6.0 4 Core | 75 Metres | - | 25kva |



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RECORD OF NOISE AND VIBRATION ASSESSMENT

Manufacturer:
 Type: Scarifier
 Model No. BEF 320-1A Electric
 Operation : Concrete floor surface
 Inserted Tool: TCT cutters
 Running Conditions: 1450 rpm
 HAV Note: Acoustic Associates

HAND-ARM VIBRATION

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

| Measurement Position | Acceleration (m/s^2) |
|----------------------|--------------------------|
| | Vector Sum |
| Handle | 2.337 |

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 | |
| 56.9 | 70.0 | 82.9 | 91.8 | 90.9 | 87.4 | 88.8 | 89.8 | 97.2 |

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 | | |
| 36.9 | 49.4 | 66.5 | 74.3 | 75.5 | 68.8 | 69.5 | 69.5 | 79.2 | 101.2 |

