

1 PRODUCT INFORMATION

TECHNICAL SPECIFICATION

Power output	2.0 h.p
Voltage	230v
Cycles	50
Machine dimensions (mm)	
Length	830
Width	340
Height	840
Weight (kg)	62
Working width mm	230
Engine/Motor rpm	1400

ELECTRICAL REQUIREMENTS

Volts	Plug size	Cable size (mm)	Norm Cable Length	Transformer	Generator
230	16A 3 pin	2.5mm 3 core	30 metres		5 Kva

RECORD OF NOISE AND VIBRATION ASSESSMENT

Type: Tile Lifter
 Model No. COSMO III
 Operation : Free running
 Running Conditions: 1420 rpm

HAND-ARM VIBRATION

Frequency Weighted Energy Equivalent Accelerations ($a_{h,w}$)				
Measurement Position	Acceleration (m/s^2)			
	X axis	Y axis	Z axis	Vector Sum
Handle	8.09	7.37	12.70	16.75

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	
46.2	57.0	63.8	69.3	69.3	76.6	73.4	64.5	79.5

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		
29.6	36.9	44.6	51.3	61	63.1	59.6	49.8	68.3	85.9