Product Sheet

PM Compressor 220-240V 50Hz 1Ph.

Code: 532-180/01

Product Group: Pressure plate extractors

IDEAL FOR PRESSURE PLATE EXTRACTION SYSTEMS.

ELECTRICALLY POWERED AND FULLY CE ACCREDITED

CONFORMS TO EC DIRECTIVE 98/37/CE

This unit provides compressed air for all ELE's pressure plate apparatus. The compressor is designed for sustained, continuous operation and provides up to 20 bar operating pressure.

These compressors are compact and can be transported easily by one person. The compressor consists of motor and block, which is cast in one piece. This improves heat dissipation considerably. Pistons, piston rings, con-rod, bearings and crank flange have been designed with efficiency and durability in mind. Valves in the compressor block are machined in non-corrosive stainless steel and the valve reeds are fitted with heat dissipating lift limiters. This ensures air-tight valves and longer life.

The robust electric motor features strengthened bearings and a generously-sized winding. This lengthens motor life considerably. The motors start without problem even if the supply voltage is low.

Every compressor is filled with special, temperature resistant top performance lubricating fluid. The result is almost no oil carbon deposits on the valves.

This compressor must be used in conjunction with a manifold assembly if intended for use in pressure plate extraction systems.

Specification

Max. gauge working pressure	20 bar
Weight	29.5 kg
Dimensions	525 x 260 x 430 mm
Air receiver capacity	4 litres
Highest sound pressure value	75 dB when tested to DIN 45635
Theoretical inlet capacity	160 l/ min
Free air delivered	20 bar (at 8 bar working pressure)
No. of cylinders	1
Speed	2850 rpm

Oil capacity	0.13 l
Oil top-up quantity	0.05 l
Max. mains fusing (slowblow or gl glass)	16 amp
Max. rated current	6.2 amp
Rated power	1.1 kW
Rated speed	2850 rpm
Protection class	IP54
Max. cut-in frequency	30 times / hour

Accessories

Connection Set for 532-180 Series.

Code: 532-182