

Grout Injection Pump

Series 2500W

The ConMICO 2500W series is lightweight, readily portable and robustly constructed. In combination with one of our 2500M mixers it is mainly used for full-column grouting for cable anchoring and for spraying materials.

Combining the air-motor with different riser-tube assemblies (fluid sections) adapts the pump to suit any particular need — see “Pumping Capacity” table below.

All the pumps are equipped with a VTO lubricator/filter to ensure clean lubricating air operates the pump. The riser-tube is fitted with a clamp and allows removal of the tube for cleaning without the need of special tools.

Pumps are configured with hoses and fittings to suit each application and can handle a variety of mixes, from a thin liquid to a viscous grout (1:3 water to cement). Other models can be manufactured to meet special needs (eg. coal mining).



TECHNICAL SPECIFICATIONS

Height (meters)	1	3.3
Weight kgs (lbs)	20	44
Riser Tube Length mm (in)	580	23
Riser Tube Options mm (in)	320	12.6
Riser Tube Diameter mm (in)	51	2
Stroke Length mm (in)	80	3
Stroke per Minute (5 bar/90 psi)	180	-
Swept Volume ml (cubic in)	163	9.9

Pumping Capacity

Thick, Viscous Material	9	2.4
Thin, Watery Material	30	7.8
Air Requirements Kpa (psi) min	420	60
Delivery Pressure (x line pressure)	7.1	-
Air Consumption cubic m/sec (CFM)	0.06	12
Horizontal Pumping Distance m (ft)	90	300
Vertical Pumping Distance m (ft) Max	14	46
Aggregated Size mm (in) Max	6	1/4