



Multicrete TC3100 Grout Mixer with ICTUS

M500 Grout Pump

Technical Data Sheet

Product Description

Multicrete TC3100 Portable Grout Mixing Unit is lightweight, economical and easy to operate. It is used typically in conjunction with the ICTUS M500 Grout Pump System.

Multicrete TC3100 Portable Grout Mixing Unit is the perfect portable solution for your grout mixing needs. This unit is easy to use, easy to clean-up and works with existing air supplies as it is powered by a 4.6 HP vane air motor with a reducer. It mixes grout product extremely well and utilizes its 30-gallon mixing tank capacity.

Features

- Sturdy, heavy-duty construction
- Portable (160 lbs.)
- Removable hopper
- 4.6 HP vane air motor with reducer
- 1" filter-lubricator system
- 30 gallon – 113 liter mixing tank
- Compatible with ICTUS/Spedel Grout Pumps
- Easy to operate
- Easy cleanup





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Grout Description

ICTUS M500 is an injection grout pump ideally used with the Multicrete TC3100 Mixer.

The ICTUS M500 series is a portable and lightweight robustly constructed grout pump, mainly used for full column grouting as in cable anchoring and for spraying materials, among many other applications. Combining the air motor with different riser-tube assemblies (fluid sections) will adapt the pump to suit a particular need.

All the pumps are equipped with a VFO 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 purposes without the need of special tools. The pump comes with hoses and fittings to suite the application. The pumps can handle a variety of mixes, from a thin liquid to a viscous grout (1:3 cement ratio.) Other models can be manufactured to meet special needs (i.e. coal mining.)



Specifications

Weight (kg/lbs)	16	21
Riser Tube Length (mm/in)	650	26
Riser Tube Options (mm/in)	375	15
Riser Tube Diameter (mm/in)	72	2.9
Stroke Length (mm/in)	80	3
Stroke per minute (5 Bar/Psi)	180	-
Swept Volume (ml/cu.in)	163	9.9

Pumping Capacity

Air Requirement / Minute	3	44
Delivery Pressure (Bar/psi) Air	110 .0006	1595 12
Horizontal Pump Distance (m / ft)	90	300
Vertical Pump Distance Max (m / ft)	14	46
Aggregate Size Max (mm/in)	6	¼