



# MULTICRETE TC3100™ GROUT MIXER

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Multicrete TC3100™ Portable Grout Mixing Unit is light-weight, economical , and easy to operate. It is used typically in conjunction with Ictus M500 grout pump systems.

Multicrete TC3100™ Portable Grout Mixing Unit is the perfect portable solution for your grout mixing needs. The unit is easy to use, easy to clean up, and it works with existing air supplies as it is powered by a 4.6 HP vane air motor with reducer. It mixes grout product extremely well and utilizes its 20 gallon mixing tank capacity.

## Features

- Sturdy, heavy duty construction
- Portable: weight is 160 lbs
- Removable hopper
- 4.6 HP vane air motor with reducer
- 1" Filter-lubricator system
- 20 Gallon mixing tank
- Compatible with Ictus/Spedel grout pumps
- Easy to operate
- Easy cleanup

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# ICTUS M500 GROUT PUMP USED WITH THE MULTICRETE TC3100™ MIXER

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Ictus M-500 is an M500 Injection Grout Pump - ideal for use with Multicrete TC3100™ Mixer.

The Ictus M500 series is portable and lightweight while robustly constructed. In combination with the Multicrete-TC3100™ grout mixer, its main use is for full-column grouting as in cable-anchoring and also 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 without the need of special tools. The pumps come with hoses and fittings to suit the application. The pumps can handle a variety of mixes, from a thin liquid to a viscous grout (1:3 water to cement ratio). Other models can be manufactured to meet special needs (e.g., coal mining).

## Specifications

Weight (kg/lb)	16	21
Riser Tube Length (mm/in)	650	26
Riser Tube Options (mm/in)	375	15
Riser Tube Diam. (mm/in)	72	2.9
Stroke Length (mm/in)	80	3
Stroke/Minute (5 Bar/90psi)	180	-
Swept Volume (ml/cu.in)	163	9.9

## Pumping Capacity

Air Requirement/min (bar/psi)	3	44
Delivery Pressure (bar/psi) Air	110	1595
Delivery Pressure (bar/psi) Air	.0006	12
Horiz. Pump. Dist. (m/ft)	90	300
Vert. Pump. Dist. Max (m/ft)	14	46
Aggregate Size Max (mm/in)	6	1/4

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