



MCU2300M

Modular Unit

The Power
of Partnership



MCU2300M Quick Facts

- Small Quarry Applications
- Utility Trenching and Construction
- Underground Specialty Application
- Low Cost
- Simple and Reliable
- Pneumatic or Hydraulic
- Remote Start/Stop
- Adapts to a Variety of Delivery Bins

Features

Size

31 ¼ in. (.8 m) L 40 ½ in. (1.0 m) W 55 ⅞ in. (1.4 m) H

Empty Weight

425 lbs (190 kg) approx.

Product Tank Capacity

Supplied Separately

Water Tank Capacity

20 gal (75 l)

Pump Rate and Pressure

120 lbs/min (55 kg/min)* @ 200 psi (14 bar) max

Options

Totalizer

Preset counter

Requirements and Options

Pneumatic Configuration

125 psi (9 bar) @ 30 cfm (850 lpm) 1 in. (25 mm) inlet

Controls

Pneumatic remote control

Hydraulic Configuration

10 gpm (38 lpm) @ 1,800 psi (124 bar)

Electrical

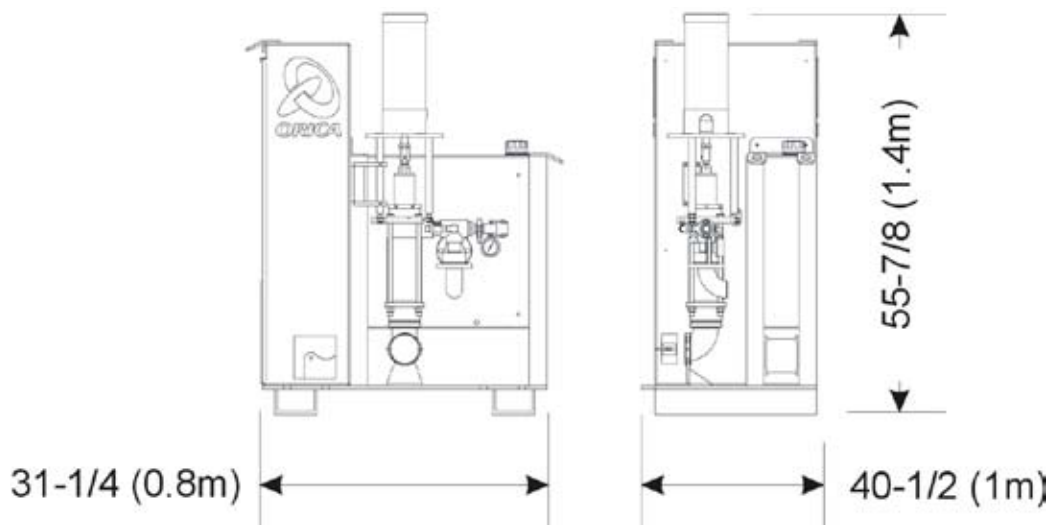
12 vdc @ 10 amps

Controls

Wireless remote control

Air

90 psi (6 bar) min. 1 in. (25 mm) inlet (blowdown)



Rendering is an example, and because of Orica's continuous improvement program, actual product will be confirmed with Orica at time of purchase.

MCU2300M

The MCU2300M is a modular unit that can be connected to any bin or tank on a truck to offer flexibility of emulsion capacity. This system uses the Maxipump technology which offers an intrinsically safe pump. It has the hose lubrication slaved to the emulsion pump and is simple to operate. This unit has been used on construction sites in Alaska, in development projects in underground mines in Timmins and projects in Mexico. The unit can be operated pneumatically or hydraulically, and options include a wireless remote system, a product totalizer and a present counter to control your collars more accurately.

For more information on this and other products, please email OMSNorthAmerica@orica.com or call the Beloeil Equipment Center at 1-877-446-8818.

Benefits

- Pneumatic:** The pneumatic unit is capable of running off an under-hood compressor or an auxiliary compressor. In underground applications, the unit can run off mine air, eliminating fumes coming from the carrier to run the hydraulics. Keep the same delivery efficiency without sacrificing performance.
- Hydraulic:** This unit runs off truck or carrier hydraulics when air is not available. In underground applications, if running a carrier is not an option, an electric over hydraulics power pack can be purchased.
- Remote Start/Stop:** Remote start/stop can be pneumatic or wireless. The wireless system offers the freedom of walking around without having a trailing air tube and can be used at further distances than the pneumatic remote. The pneumatic remote is sometimes preferred because of cost and does not need to be used beyond 50 ft (15 m) of the unit. It is not recommended to use the pneumatic remote when the operator is beyond 50 ft (15 m) because of delayed response of the pumping system.
- Simple and Reliable:** This system, once connected to a tank or bin, needs no adjusting. The delivery rates are fixed, the hose lube is not adjustable and the remote is a simple start/stop.
- Gasser Capable:** When the gassing option is selected, the unit will be built with the appropriate components to ensure compatibility with the additives required for gassing.
- Adapts to a variety of Delivery Bins:** When confined to a mine site, the bin can be configured to meet your needs. If the unit is mounted to a road legal vehicle, a DOT approved bin can be connected to the pump unit to make it legal to drive over public roads.
- Safety Systems:** This unit has Orica's high level safety systems to ensure safe pumping at all times. The unit is protected against dead-heading, dry pumping and high speed. Every system is redundant and ensures the operators safety.

Features

	Pneumatic Option	Hydraulic Option
Size	31 ¼ in. (.8 m) L 40 ½ in. (1.0 m) W 55 ⅞ in. (1.4 m) H	31 ¼ in. (.8 m) L 40 ½ in. (1.0 m) W 55 ⅞ in. (1.4 m) H
Empty Weight	425 lbs (190 kg) <i>approx.</i>	425 lbs (190 kg) <i>approx.</i>
Tank Capacity	Supplied Separately	Supplied Separately
Pumping Pressure	200 psi (14 bar) max	200 psi (14 bar) max
Pump Flow Rate	120 lbs/min (55 kg/min)*	120 lbs/min (55 kg/min)*
Controls	Pneumatic remote control	Wireless remote control
Options	Wireless remote control Totalizer Preset counter	Totalizer Preset counter

*All weights are based on a product density of 1.25g/cc

Requirements

	Pneumatic Option	Hydraulic Option
Configuration	125 psi (9 bar) @ 30 cfm (850 lpm) 1 in. inlet	10 gpm (38 lpm) @ 1,800 psi (124 bar)
Electrical	12 vdc @ 10 amps or battery pack option	12 vdc @ 10 amps
Air		90 psi (6 bar) min 1 in. (25 mm) inlet (blowdown)

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