

CG-500-3X8/A GROUT PLANT

Air-Powered Cement Grout Plant

Description

A complete grouting system that combines a high-pressure double-acting plunger pump with two high-efficiency paddle mixers to permit continuous pumping as each mix tank alternates feeding the pump. The double-acting plunger pump is designed for simple conversion between different pressure outputs as well as reduced disassembly time for cleaning and maintenance. Both mixers are equipped with baffles, bag breakers and variable speed high-efficiency paddles that provide rapid mixing.

Features

- Maximum performance and versatility for cement grouting of mines, tunnels, shafts, dams, tiebacks, foundations, soil and rock anchors.
- Tank outlets are large slide gates that allow viscous grouting materials to flow quickly into the removable holding hopper.
- Patented positive displacement, double-acting plunger pump features durable cast iron construction for the punishing demands of high-pressure grouting.
- Reversible ball seats and chrome plated plungers significantly reduce maintenance costs.
- Spare parts, rental units, and servicing options are available.

Specifications

Output	Up to 90 litres per minute
Pressure	Up to 1,000 PSI
Power Requirements	250 CFM, 100 PSI
Dimensions (without upgrades)	224 cm x 87 cm x 148 cm
Weight (without upgrades)	600 kg
Dimensions (with upgrades)	284 cm x 86 cm x 193 cm
Weight (with upgrades)	880 kg



Front view of the CG-500-3X8/A with safety upgrades and optional components.

Components

- Skid-mounted grout plant with two 265-litre mixers
- 80 litre holding hopper
- Positive displacement, double-acting plunger

Safety Upgrades & Optional Components

- Safety folding steps
- Safety cages for pump plungers
- Plunger cooling spray system
- Water set-up on mixers
- Auxiliary water hose



Back view of the CG-500-3X8/A with safety upgrades and optional components.