

INTRODUCING THE NEW

D-20 Grout Plant



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STANDARD FEATURES

Frame

- Skid mounted steel frame, partially encased
- Forklift slots
- Powder coat

Mixing Tank

- Round tank, bottom inclined to outlet
- Tank capacity: 680 l (180 U.S. gal)
- Hopper with 2 silo connections for solids
- High shear colloidal mixing element
- Drive bearing above the mixing level
- No packing seal, therefore runs dry without problems

Operating Elements

- Two turning knobs for variable speed mixing
- Turning knob for adjusting maximum pressure
- Electronically adjustable delivery rate (l/min/U.S. gal/min)
- On/off switch for delivery pump (grouting pump)
- On/off button for semi-automatic water dosage (special equipment SA 7/2)
- Fully automatic mixing capabilities with pre-adjusted recipe
- Mixing and storage tank on load cells for automatic mixing control

Water Dosage

- Water distributor with flushing connection
- Water-holding and dosing tank V=430 l (115 U.S. gal)
- Hydraulic operated discharge valve

Delivery Pump

- Double-acting, single-piston, horizontal pump

Delivery Pressure

- Pressure transmitter to digital indicator

Hydraulic

- Oil tank capacity approximately 151.42 l (40 U.S. gal)
- Oil filling and breather filter
- Oil level and temperature indication
- Electric cooling fan

Diesel Drive

- Four-cylinder Kubota Diesel Engine, Tier 4 Final, liquid-cooled
- 65HP
- Tank capacity approximately 190 l (50 U.S. gal)
- Starter battery

Additional Features

- Remote control
- Four work lights

TECHNICAL DATA

Engine

Kubota Diesel Engine, Tier 4 Final, Stage III B
65HP

Mixing Tank

- High-shear mixing tool mounted in the middle on mixing shaft, high-shear mixing and colloidal tool mounted on mixing shaft bottom part
- Adjustable mixing speed from 0-1800 rpm hydraulic driven
- Mixing performance on W/C ratio down to 0.32 by weight
- Mixing tank acts as storage tank simply by turning down mixing speed after mix is ready
- Capacity: 180 gal
- Storage tank capacity: 540 gal

Grout Pump

- Single hydraulic-driven, double-acting piston pump, check valve operated suction and pressure valves
- Maximum Flow: 120 gal/min*
- Maximum Pressure: 1800 PSI (120 bar)*

Digital Screen

Monitor flow and pressure on internal digital screen. Volume is calculated by stroke counting.**

Specifications

- Dimensions: 84W x 130L x 84H
- Weight: 8000 lbs

**Both maximum performances are not reachable at the same time.*

***Flow on display is a theoretical calculated volume by counting the strokes. Accuracy can be off by 100% (if suction line is not connected or hoses are plugged, etc., pump will continue to count!).*

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Order Today! Contact Ben VanderWeide at 855.801.7453.