

CUSTOMER FOCUSED. SOLUTION DRIVEN.



D-9 Grout Plant



- 49.5 HP Kubota diesel engine, Tier 4 Final
- Detachable power pack
- 2 x 60 gal high shear colloidal mixer
- 27 gal per minute and up to 1800 psi

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STANDARD FEATURES

Frame

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

Two-Piece Mixing Tank

- Round tank, bottom inclined to outlet
- Tank capacity: 230 l (60.84 U.S. gal)
- Hopper with bag ripper

Tools in Mixing Tank

- 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
- Turning knob for changing speed of delivery rate (l/min/U.S. gal/min)
- On/off switch for delivery pump (grouting pump)
- 2 x on/off button for semi-automatic water dosage (special equipment SA 7/2)

Optional Extras • Spare parts sets • Pressure hoses • Remote controls

Water Dosage

- Water distributor with flushing connection
- Water-holding and dosing tank V=2x160 l (2x42.32 U.S. gal)
- Two-piece, hand-operated outlet 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

- Three-cylinder Kubota Diesel Engine, Tier 4 Final, liquid-cooled
- 49.5HP
- Tank capacity approximately 83.28 l (22 U.S. gal)
- Starter battery

TECHNICAL DATA

Engine

Kubota Diesel Engine, Tier 4 Final, Stage III B
49.5HP. Fuel Burn Rate:

- 2200 rpm = 2.22 gal/h • 2400 rpm = 2.48 gal/h

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: 2 x 60 gal

Grout Pump

- Single hydraulic-driven, double-acting piston pump, check valve operated suction and pressure valves
- Maximum Flow: 30 gal/min (113.5 liter/min)*
- Maximum Pressure: 1800 PSI (120 bar)*

Power Pack

- Power Pack contains hydraulic tank (40 gal) and diesel tank (22 gal) as well as Diesel Engine and Hydraulic Intelligence
- The Power Pack is completely detachable from main frame for the possibility to operate Mixer and Pump Unit from a certain distance (inside buildings or tunnels) simply by extending hydraulic lines and Control cables

Digital Screen

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

Specifications

- Dimensions: 47x95x75
- Weight: 3800 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!).*