



# Multicrete Grout Master 3000 With PDGP20-500 Grout Pump

## Technical Data Sheet

### Product Description

The Grout Master 3000 consists of five main parts:

1. Gas Engine
2. Hydraulic Pump
3. Mixing Tank
4. Water Pump
5. Grout Piston Pump

### Grout Master 3000 – General Info

- 70 USG Mixing tank
- Double Acting Piston Pump
- Max Output Pressure: 500 psi

### Grout Master 3000 - Engine (Honda 688cc)

#### *Gas over Hydraulic Power*

- Theoretical Horsepower: 28 HP
- 5 USG Fuel Tank Capacity
- 10 USG Hydraulic Tank Capacity
- Weight: 120 lbs.
- Dimensions (in.): 17 x 19 x 17 (L/W/H)

### Grout Master 3000 - RUPE PDGP20-500 Pump

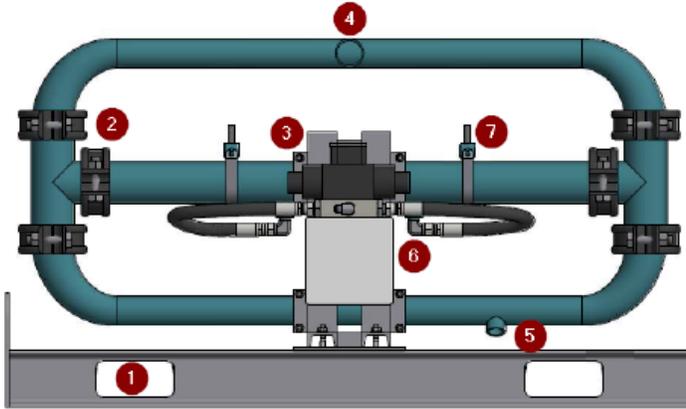
- Dimensions (in.): 48 x 18 x 25 ¾ (L/W/H)
- Output Flow: 20 Gallons Per Minute (GPM)
- Weight: 220 lbs.





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### Grout Pump Overview

1. Fork Pocket
2. Pipe Clamps
3. Hydraulic System
4. Outlet Port
5. Drain Port
6. Electric Panel
7. Proximity Sensors



**Figure 1**

RUPE PDGP20-500 Grout Pump

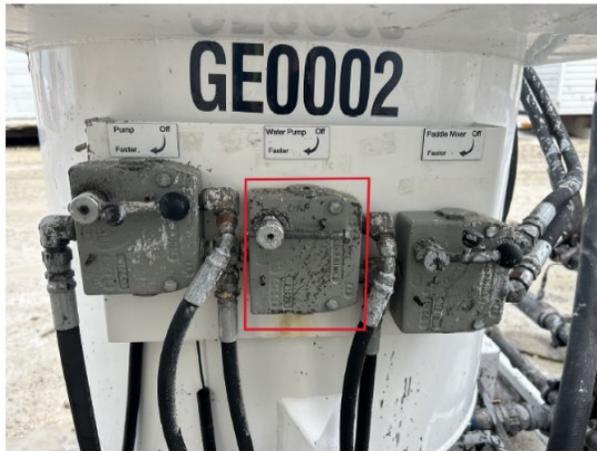


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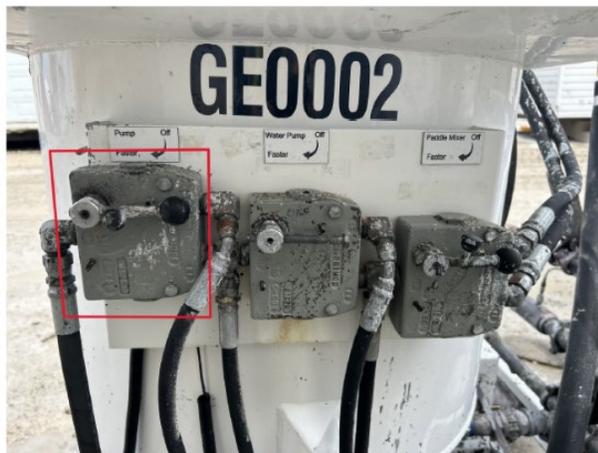
## Technical Data Sheet



**Figure 2**  
Mixing Tank Control Valve



**Figure 3**  
Water Pump Control Valve



**Figure 4**  
Grout Pump Control Valve



# Multicrete Grout Master 3000

## With PDGP20-500 Grout Pump

### Technical Data Sheet

**Figure 5**

Gas Engine Control (Honda 688cc)



#### **Safety**

The Grout Master 3000 uses pressure systems during operation. Please follow all safe operating procedures and follow all safe procedures while operating and maintaining this unit. Operator of the Grout Master 3000 must complete all checks to ensure condition of all electrical, water, air hydraulic and mechanical connection or components, ensuring operator safety and to prevent harm or damage.

#### **Lock Out Procedure**

The Grout Master 3000 uses several sources of energy when in operation. All sources of energy should be removed before working with the unit (this includes stored energy such as air trapped in hoses during plugged conditions.)

#### **Personal Protective Equipment (PPE)**

The Grout Master 3000 and its use of a high-pressure system requires the use of proper protective equipment. Protective goggles, safety boots, breathing protection, ear protection, face protection and protective gloves are required.