20Z-Meter
Truck-Mounted Concrete Boom Pump

- 63’ 10” (19.46m) vertical reach
- Compact model for limited access sites
- Versatile 4-section Z-Fold boom design
- Fold-down side panels for pipe storage

20Z-Meter Truck-Mounted Specifications

Based on Model GMC TT8500

Length 30’ 10” (9.41m)
Width 8’ 2” (2.50m)
Height 11’ (3.35m)
Wheelbase 188” (4,775mm)
Front axle weight 10,120 lbs (4,590kg)
Rear axle weight 25,620 lbs (11,621kg)
Approx. total weight 35,740 lbs (16,211kg)

Authorized Distributor

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## Truck-Mounted Concrete Boom Pump Standard Features

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## 20Z-Meter Truck-Mounted Concrete Boom Pump Standard Features

- **Boom Operation and Control**
  - Full proportional HBC radio remote
  - Smooth and precise boom positioning at greater distances
  - Full proportional cable remote with 530’ (162m) cable
  - Modulator Control (MBC)
  - Modular Boom Controls (MBC)
  - 24V electrical system

- **Rotational Accuracy**
  - Radial and angular backlash

- **Power Efficiency**
  - Redundant proximity sensor system
  - Normalized rotors and cylinders

- **Unmanned Operation**
  - Ideal for high pressure applications and harsh regions
  - Hard-faced S-Valve
  - Gradual 9” to 7” (230 to 180mm) reduction
  - Thick-walled valve construction
  - Lasting wear over years of use

- **EZ Clean Out RS 905A Hopper**
  - Large 19.4 cu ft (550L) capacity
  - Hard-faced remixer paddles
  - Vibrator
  - Manual-valve guard covers hopper during transit
  - Low hopper height allows easy discharge from a lower back
  - Automatic lubrication
  - Integrated work lights

- **Putzmeister Free Flow Hydraulics in a Closed Loop System**
  - The pumps at the heart of Putzmeister’s free flow pumping system are bi-directional, variable displacement piston pumps. Depending on stroke, oil flows in a closed loop from either port A or port B on the pump to the hydraulic cylinders.
  - Depending on the specific pump cell size, up to 20% of the oil leaves the simple closed loop system during each stroke through a flushing valve on the main pump and cycles to a cooler before it returns to the hydraulic tank.
  - Reserving and cooling only this minimal amount of oil is possible because, unlike an open loop system, the oil flows freely without passing through any unnecessary valves that can generate heat.

## Key Advantages of Putzmeister’s Free Flow Hydraulics:

- **Changes in ram pressure in the delivery line are reduced to smooth pumping and a consistent concrete flow.**
- **The intelligent design minimizes wear-inducing pressure peaks, increases service life and makes our pumps extremely powerful.**
- **There is greater pump output due to the efficient use of all available energy.**
- **Rapid changeover of the stroke means higher outputs; a smoother flow of concrete and less boom bounce.**