38Z-Meter
Truck-Mounted Concrete Boom Pump

The exclusive design allows the Mack chassis engine to run at a lower rpms, achieving less stress on water jars, lower noise levels and reduced fuel consumption. Easy to pump, easy to ride, Econo-Gear makes a significant impact on job site safety and profitability with an estimated 10-15% savings.

Fuel Economy
Switch gears and save with Putzmeister’s patented Econo-Gear™. The exclusive design allows the Mack chassis engine to run at a lower rpms, achieving less stress on water jars, lower noise levels and reduced fuel consumption. Easy to pump, easy to ride, Econo-Gear makes a significant impact on job site safety and profitability with an estimated 10-15% savings.

Volvo FMX® Mixer
Putzmeister’s 38Z-Meter RS is FMX® mixer is engineered for performance and ease of maintenance. With a 15,000 liter (3,960 gal) capacity, the mixer features hardened wear plates and solids. The unique design of the hopper prevents material from splattering during pumping and folds down and latches to cover the hopper during transport.

Eco-Flo® Sprayer
Putzmeister’s EZ Clean Out RS 907A hopper is engineered for performance and ease of maintenance. Designed for easy filling and cleaning, the hopper features a hydraulic power boost from unfolding during pumping and folds down and latches to cover the hopper during transport.

Reach from front of truck*: 180' 11" (55.01m)
Reach depth: 86' 1" (26.24m)
Landing weight: 80' 5" (24.54m)
4-Section Boom
1st section articulation: 365˚
2nd section articulation: 365˚
3rd section articulation: 365˚
4th section articulation: 238˚
1st section length: 22' 8" (6.90m)
2nd section length: 32' 2" (9.80m)
3rd section length: 47' 5" (14.40m)
4th section length: 27' 8" (8.44m)

General Specs
Boom extend out & down
End hose – diameter 8" (203mm)
Hydraulically swing out & extend down

End hose not to be operated in caution area.

Frost law version available
Compact outrigger spread
121' 9" (37.11m) vertical reach

Maximum theoretical values listed.

Based on Model MACK MRU 688S

Boom Specications • Multi-Z-Design

Differential cylinder diameter
9" (230mm) 11" (280mm)
2nd section length
27' 7" (8.41m)
1st section length
21' 8" (6.60m)

4th section length
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BOOM PUMP
lighter weight models. Specially designed teeth in the system serviceablility. Putting the pump closer to the cab, rack and pinion design for improved weight distribution and easy replacement. The 38Z-Meter boom features a simple mechanical rack and pinion system to place concrete exactly where you want it. Specially engineered to offer the flexibility to adapt to different jobs and weather more without greater wear and tear on components. The Multi-Z configuration handles any discharge and is not a fully extended system.

Concrete Pump
Chosen from high pressure or high volume with the same setup
Free flow hydraulic system for smooth, controllable pumping
Multi piece piston cup design
Automatic lubrication of the concrete pistons for long service life
Hard-deterred material cylinders
Double-projection, switch valve with indicator
Fully adjustable volume control for very short pumping with full concrete pressure and boom speed
Modular pump control box

Clean Out
Fast and easy clean out
406 psi (28 bar) hydraulically-driven water pump
Wash out kit and hose
Integrated 185 gallon (700L) water tank

The Right Fit for Your Feet
Putzmeister’s most popular truck-mounted boom pump size, the 38Z-Meter offers Multi-Z Boom flexibility for a multitude of job sites and the reach to place concrete exactly where you want it. Specially engineered to help contractors extend their pumping season, this three-axle unit can be ordered as a front load weight compliant model featuring a tag axle that can be easily removed when frost laws are not in effect.

B Park and Pinion Slewing
The 38Z-Meter boom features a simple mechanical rack and pinion design for improved weight distribution and easy serviceability. Fitting trucks closer to the cab, rack and pinion system allows greater power and control while maintaining speed to lighten weight control. Specialty design systems in the system offer smooth rotation and powered backlash in the swivel gear. 38Z-Meter Truck-Mounted Concrete Boom Pump Standard Features

Rack and Pinion Slewing
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Putzmeister’s EZ Clean Out RS 907A hopper is engineered for performance and ease of maintenance. (Using V50, 4.9 cu. yd. capacity, the hopper features hard-faced removable paddles and slats.) The unique design of the hopper prevents material from spilling during pumping and folds down and latches to cover the hopper during transport.

- Includes hydraulically extendable outriggers
- Compact outrigger spread
- Up to 260 yd³/hr (200 m³/hr) maximum output
- 121’ 9” (37.11m) vertical reach
- Frost law version available

### Range Diagram
- End hose not to be operated in caution area.

#### Patent Protected Design
- 38Z-Meter Truck-Mounted Specifications

- Fuel Economy
- Switch gears and save with Putzmeister’s patented Econo-Gear™
- The exclusive design allows the Mack’s tractors engine to run at a lower rpm, achieving less stress on water pumps, lower noise levels and reduced fuel consumption. Even when pumping full load, Econo-Gear makes a significant impact on job site safety and profitability with an estimated 10% savings.

- **Econo-Gear**

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Putzmeister America, Inc.
382-20H

#### Pump Specifications

- **Output**
  - 220 gpm at 600 psi (160 m³/hr at 41 bar)
  - 160 gpm at 750 psi (120 m³/hr at 51 bar)
- **Pressure**
  - 1085 psi (75 bar)
  - 1233 psi (85 bar)
- **Concrete cylinder diameter**
  - 8” (200mm)
- **Stroke length**
  - 60” (1500mm)
  - 63” (1600mm)
- **Valve stroke per minute**
  - 52” (1300mm)
  - 58” (1470mm)
- ** Valve control**
  - Manual
  - Standard
- **Motor**
  - Direct-drive
  - Standard
- **Vibration**
  - 8-Full
  - 0-Idle
- **Operating Weight**
  - 19,419 lbs (8,810kg)
  - 19,886 lbs (8,990kg)
- **Water Tank**
  - 180 gal (690L)
  - 180 gal (690L)

- Maximum flow values listed
- All models are equipped with Putzmeister “EZ Clean Out” System
- Operates up to capacity or required output
- End hose not to be operated in caution area.

#### Specifications

- **pole side**
  - 23.5 gpm (89L/min)
- **rotator side**
  - 56.4 gpm (214L/min)
- **Cylinder diameter**
  - 8” (200mm)
- **Stroke length**
  - 72” (1830mm)
- **Valve stroke per minute**
  - 58” (1470mm)
- ** Valve control**
  - 0-Idle
  - 8-Full

#### Accessories

- **Retractable outriggers**
- **Swivel boom axis**
- **Self-leveling feature**
- **19.4 cu. ft. (550L)**

#### Dimensions

- **Length**
  - 38’ 1” (11.65m)
- **Width**
  - 8’ 2” (2.44m)
- **Height**
  - 12’ 10” (3.92m)
- **Vibrotor base**
  - 4’ 6” (1.35m)

#### Attachments

- **Boom length**
  - 121’ 9” (37.11m)
- **Boom tip diameter**
  - 8” (200mm)
- **Radius of gyration**
  - 3.1” (80mm)

#### Performance

- **Performance**
  - 19.4 cu. ft. (550L)
- **Easy maintenance**
- **High performance**
- **Fully proportional cable remote**

#### Safety

- **Job site safety**
- **Frost law version available**
- **Hydraulically extendable outriggers**
- **Compact outrigger spread**