38X-Meter Truck-Mounted Concrete Boom Pump

- 124 ft Vertical Reach
- 103 ft 6 in Net Horizontal Reach
- Only 55,000 lbs on 3 Axles
- Compact Outrigger Spread
- Outputs up to 260 yd³/hr
- Most Powerful Boom Pump on 3 Axles

**Boom**  The Putzmeister 38X-Meter truck-mounted concrete boom pump provides the lightest 4-section 124 ft boom on the road today. This enables the 38X to carry greater payloads and makes the unit easier to permit. Plus, this Putzmeister roll and fold boom features a short overall length of only 38 ft (11.6m) for convenient road travel.

**Delivery Line**  The boom is equipped with a 5 in delivery line mounted in easy lift-out brackets for simple delivery line replacement. Standardized elbows and straight pipe sections are used for common component availability and easy replacement.

**Pedestal**  The unique pedestal design of the Putzmeister 38X absorbs all forces as the outriggers and boom are within one structural element. This design results in less twist, reduced forces transferred to the truck frame, a small outrigger footprint, low overall weight, and quick setup. The boom pedestal includes a rack and pinion slewing system for reduced maintenance costs and access openings to simplify changing the turret pipe. It also incorporates a hydraulic oil tank for improved weight distribution, as well as, a tool box for convenience. Triple suction filters with indicator gauges are located in the pedestal for easy access and a condensation trap is found in the tank to collect water. Two spacious 13 ft (4m) long decks allow convenient storage of pipe and hoses.

**Outriggers**  The fully hydraulic outriggers with integral cylinders are only 20 ft 8 in (6.30m) in width (front) and 23 ft (7.0m) in width (rear), allowing operation on congested job sites. Front outriggers diagonally telescope, while rear ones swing out with Putzmeister’s unique “X” brace outrigger design. Wooden outrigger pads (4) with two side compartments are included with each unit.

**Radio Remote Controls**  Fully proportional HBC radio remote controls are standard for smooth and precise positioning of the boom. Additionally, the unit comes with a backup cable remote box with 130 ft (40m) cable for all boom and pump functions.

**Clean Out**  A 406 psi (28 bar) hydraulically-driven water pump with a 185 gallon (700L) water tank make clean out easy.

**Concrete Pump**  With the same setup, only Putzmeister has the technology to offer both 260 yd³/hr output and provide 1233 psi concrete pressure with its .20H pump on the piston side (or 210 yd³/hr output and 1233 psi with its .16H pump – rod side) . With competitive designs, you have to decide if you want either high pressure or high volume. Key features include a free flow hydraulic system for smooth controllable pumping, as well as, hard-chromed concrete cylinders and automatic lubrication of the concrete pistons for long service life. This pump has a fully adjustable volume control, which allows very slow pumping while retaining full concrete pressure and boom speed.

**Hopper**  With a large 19.4 cu ft (550L) capacity, this EZ Clean Out RS 905A hopper features a mixer, vibrator, and splash guards as standard. A low 51 in (1295mm) hopper height allows easy discharging from a mixer truck.
Specifications

38X-Meter Concrete Pump

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**Boom Specifications • Roll and Fold Design**

**Height & Reach**
- Vertical reach: 124’3” (37.9m)
- Horizontal reach: 111’0” (33.8m)
- Reach from front of truck*: 103’6” (31.1m)
- Reach depth: 84’0” (25.6m)
- Unfolding height: 29’6” (9.0m)

**4-Section Boom**
- 1st section articulation: 92°
- 2nd section articulation: 180°
- 3rd section articulation: 180°
- 4th section articulation: 247°

**1st section length**: 28’7” (8.7m)
**2nd section length**: 25’11” (7.9m)
**3rd section length**: 27’6” (8.4m)
**4th section length**: 29’0” (8.8m)

**General Specs**
- Pipeline size (ID) metric ends: 5” (125mm) with couplings: 5.5” (140mm)
- Rotation: 365°
- End hose-length (heavy duty): 10’ (3m)
- End hose-diameter: 5” (125mm)
- Outrigger spread L-R-front telescopic diagonal: 20’8” (6.30m)
- Outrigger spread L-R-rear swing-out: 23’ (7.0m)

**Pump Specifications**
- **38.16H**
  - Output-rod side: 210 yd³/hr (160m³/hr)
  - Pressure-rod side: 1233 psi (85 bar)
  - Concrete cylinder diameter: 9” (230mm)
  - Stroke length: 83” (2100mm)
  - Max strokes per minute-rod side: 31
  - Stroke length: 21
  - Volume control: 0-Full
  - Vibrator: Standard
  - Hard chromed concrete cylinders: Standard
  - Hydraulic system: Free Flow
  - Hydraulic system pressure: 5075 psi (350 bar)
  - Differential cylinder diameter: 5.5” (140mm)
  - Rod diameter: 3.1” (80mm)
  - Maximum size aggregate: 2.5” (63mm)
  - Water Tank: 185 gal (700L)

- **38.20H**
  - Output-piston side: 146 yd³/hr (112m³/hr)
  - Pressure-piston side: 1885 psi (130 bar)
  - Concrete cylinder diameter: 11” (280mm)
  - Stroke length: 83” (2100mm)
  - Max strokes per minute-piston side: 28
  - Stroke length: 28
  - Volume control: 0-Full
  - Vibrator: Standard
  - Hard chromed concrete cylinders: Standard
  - Hydraulic system: Free Flow
  - Hydraulic system pressure: 5075 psi (350 bar)
  - Differential cylinder diameter: 5.5” (140mm)
  - Rod diameter: 3.1” (80mm)
  - Maximum size aggregate: 2.5” (63mm)
  - Water Tank: 185 gal (700L)

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**Truck-Mounted Specifications**

Based on Model Mack MR688S
- Length: 38’2” (11.63m)
- Width: 8’2” (2.50m)
- Height: 13’1” (3.98m)
- Wheelbase: 215” (5461mm)
- Front axle weight: 19,229 lbs (8,721kg)
- Rear axle weight: 35,812 lbs (16,242kg)
- Approx total weight: 55,041 lbs (24,963kg)

**Weights are approximate and include pump, boom, truck, full hydraulic oil, driver and full fuel. Varies with options selected.**

Dimensions will vary with different truck makes, models and specifications.

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End hose not to be operated in caution area.

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