36-Meter Truck-Mounted
Concrete Boom Pump

- 117 ft Vertical Reach
- Lightweight Design
- Versatile 4-Section Boom
- Compact Outrigger Spread
- Very Quick and Easy Setup
- Free Flow Hydraulics

**Boom**
The Putzmeister 36-Meter truck-mounted concrete boom pump provides the lightest 4-section 117 ft boom on the road today. This reduction of weight saves fuel and makes the unit easier to move on and off job sites. Plus, this Putzmeister roll and fold boom features a short overall length of less than 37 ft (11m) 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 36 absorbs all forces as 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 210 yd³/hr output and provide 1233 psi concrete pressure (on the 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.

*S-Valve*
Ideal for high pressure applications, our hard faced S-Valve with gradual 8 in to 7 in (200 to 180mm) reduction is designed to handle extremely harsh concrete mixes. A thick-walled valve construction, exclusive Putzmeister hard-chromed concrete cylinders and multi-piece piston cup design provide longer lasting wear overall.

**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
36-Meter Concrete Pump

**Boom Specifications • Roll and Fold Design**

**Height & Reach**
- Vertical reach: 117'2" (35.70m)
- Horizontal reach: 105'2" (32.05m)
- Reach from front of truck*: 97'7" (29.75m)
- Reach depth: 79'8" (24.30m)
- Unfolding height: 27'3" (8.30m)

**4-Section Boom**
- 1st section articulation: 94˚
- 2nd section articulation: 180˚
- 3rd section articulation: 180˚
- 4th section articulation: 255˚
- 1st section length: 28'7" (8.70m)
- 2nd section length: 25'8" (7.83m)
- 3rd section length: 25'4" (7.71m)
- 4th section length: 25'7" (7.81m)

**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: 20'8" (6.30m)
- Outrigger spread L-R-rear: 23' (7.0m)

**Pump Specifications**
- 36.12L
- 36.16H
- .20H pump also available

**Output**
- Rod side: 142 yd³/hr (109m³/hr)
- Piston side: 85 yd³/hr (65m³/hr)

**Pressure**
- Rod side: 1015 psi (70 bar)
- Piston side: 1624 psi (112 bar)
- Concrete cylinder diameter: 9" (230mm)
- Stroke length: 83" (2100mm)

**Max strokes per minute**
- Rod side: 21
- Piston side: 13

**Vibrator**
- Standard

**Hard chromed concrete cylinders**
- Standard

**Hydraulic system**
- Free Flow

**Hydraulic system pressure**
- 5075 psi (350 bar)

**Differential cylinder diameter**
- 5.1" (130mm)

**Rod diameter**
- 3.1" (80mm)

**Maximum size aggregate**
- 2.5" (63mm)

**Concrete cylinder diameter**
- 9" (230mm)

**Water Tank**
- 185 gal (700L)

* Applies to units mounted on PMA stock truck- MACK MR688S

**Weights**
- Approx total weight: 55,725 lbs (25,273kg)
- Front axle weight: 19,360 lbs (8,780kg)
- Rear axle weight: 36,365 lbs (16,493kg)

**Truck-Mounted Specifications**

<table>
<thead>
<tr>
<th>Length</th>
<th>36'6&quot; (11.16m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>8' 2&quot; (2.50m)</td>
</tr>
<tr>
<td>Height</td>
<td>13' 1&quot; (3.98m)</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>215&quot; (5461mm)</td>
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<tr>
<td>Front axle weight</td>
<td>19,360 lbs (8,780kg)</td>
</tr>
<tr>
<td>Rear axle weight</td>
<td>36,365 lbs (16,493kg)</td>
</tr>
<tr>
<td>Approx total weight</td>
<td>55,725 lbs (25,273kg)</td>
</tr>
</tbody>
</table>

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

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

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