

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.

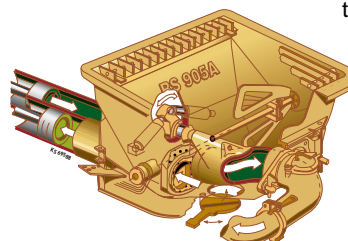
Outriggers The fully hydraulic outriggers with integral cylinders are only 20 ft 8 in (6.30m) in width (front) and 23 ft (7.0m) in width (rear), allowing operation on congested job sites. Front outriggers diagonally telescope, while rear ones swing out with Putzmeister's unique "X" brace outrigger design. 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.

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

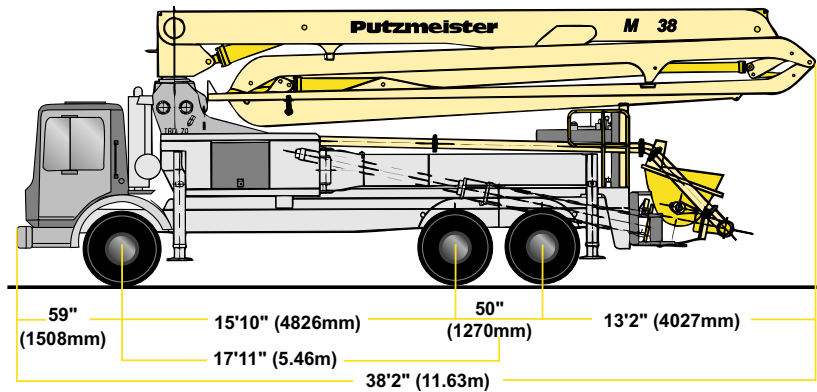


thick-walled valve construction, exclusive Putzmeister hard-chromed concrete cylinders and multi-piece piston cup design provide longer lasting wear overall.

Hopper With a large 19.4 cu ft (550L) capacity, this **EZ Clean Out RS 905A** hopper features a remixer, 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



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.

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

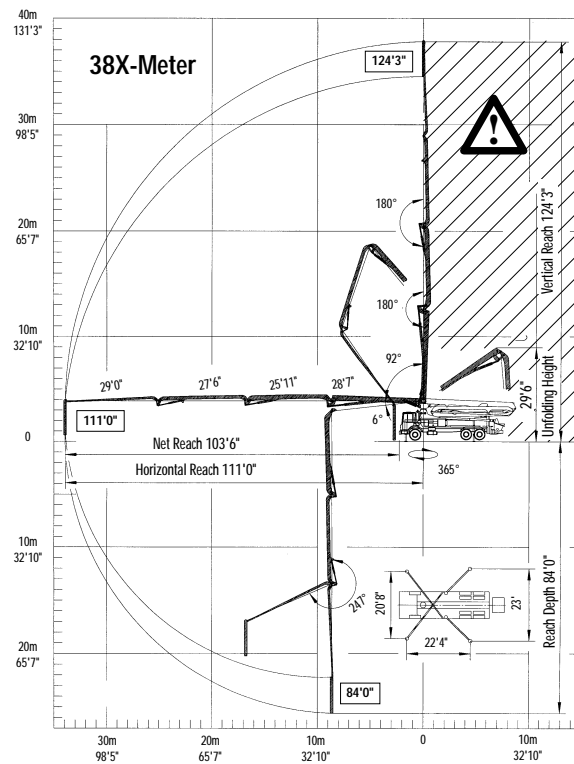
38.20H

Output- rod side	210 yd ³ /hr (160m ³ /hr)	—
piston side	146 yd ³ /hr (112m ³ /hr)	260 yd ³ /hr (200m ³ /hr)
Pressure- rod side	1233 psi (85 bar)	—
piston side	1885 psi* (130 bar)*	1233 psi* (85 bar)*
Concrete cylinder diameter	9" (230mm)	11" (280mm)
Stroke length	83" (2100mm)	83" (2100mm)
Max strokes per minute- rod side	31	—
piston side	21	28
Volume control	0-Full	0-Full
Vibrator	Standard	Standard
Hard chromed concrete cylinders	Standard	Standard
Hydraulic system	Free Flow	Free Flow
Hydraulic system pressure	5075 psi (350 bar)	5075 psi (350bar)
Differential cylinder diameter	5.5" (140mm)	5.5" (140mm)
Rod diameter	3.1" (80mm)	3.1" (80mm)
Maximum size aggregate	2.5" (63mm)	2.5" (63mm)
Water Tank	185 gal (700L)	185 gal (700L)

Maximum theoretical values listed.

* Applies to units mounted on Mack MR688S

• Standard delivery line system rated at max line pressure of 1233 psi (85 bar)



End hose not to be operated in caution area.



Putzmeister America
1733 90th Street
Sturtevant
Wisconsin 53177 USA

Telephone (262) 886-3200
(800) 884-7210
Facsimile (262) 884-6338
www.putzmeister.com

Right to make technical amendments reserved.