

# 32Z-Meter Truck-Mounted Concrete Boom Pump



- **105 ft Vertical Reach**
- **Lightweight Design**
- **Exclusive Multi-Z Boom Design**
- **Compact 18 ft (5.5m) Footprint**
- **Unique “X” Brace Outrigger Design for Enhanced Stability**
- **Free Flow Hydraulics**

**Boom** The Putzmeister 32Z-Meter truck-mounted concrete boom pump was the first 105 ft boom on the market to feature a Multi-Z boom configuration. Compact and maneuverable, this exclusive 4-section boom features a low unfolding height of only 25 ft 3 in (7.7m) for easy access under low roofed buildings. A short overall length without overhang enables convenient road travel and a low GVW with our standard wheelbase adheres to the federal bridge formula on weight restrictions.

**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 32Z 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 utilizes a rack and pinion slewing system for lower 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.

**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.

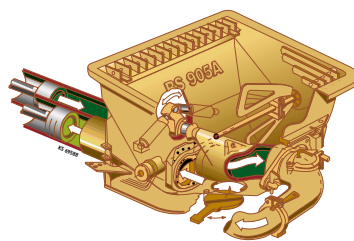
**Outriggers** The fully hydraulic outriggers with integral cylinders are only 18 ft (5.5m) in width - both front and rear,

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.

**Concrete Pump** With the same setup, only Putzmeister has the technology to offer both 210 yd<sup>3</sup>/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.

\*Refers to .16H pump. Dependent on the application, the .12L pump (with long stroke cylinder) can handle the job - rated at 142 yd<sup>3</sup>/hr and 1015 psi concrete pressure (on the rod side). Also available is the .20H pump with 260 yd<sup>3</sup>/hr output and 1233 psi - piston side.

**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

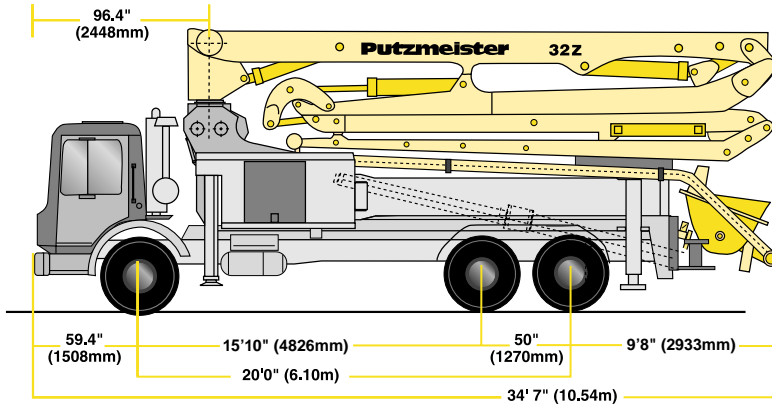
## 32Z-Meter Concrete Pump

### Truck-Mounted Specifications

Length	34'7"	(10.54m)
Width	8'2"	(2.50m)
Height	13'0"	(3.96m)
Wheelbase	215"	(5461mm)
Front axle weight	19,960 lbs	(9,052kg)
Rear axle weight	33,600 lbs	(15,248kg)
Approx total weight	53,560 lbs	(24,291kg)

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.



### Boom Specifications • Multi-Z Design

#### Height & Reach

Vertical reach	104'6"	(31.9m)
Horizontal reach	91'10"	(28.0m)
Reach from front of truck*	83'4"	(25.4m)
Reach depth	68'3"	(20.8m)
Unfolding height	25'3"	(7.7m)

#### 4-Section Boom

1st section articulation	95°
2nd section articulation	180°
3rd section articulation	266°
4th section articulation	268°
1st section length	26' (7.9m)
2nd section length	22' (6.7m)
3rd section length	22' (6.7m)
4th section length	22' (6.7m)

#### General Specs

Pipeline size (ID) metric ends	5"	(125mm)
with couplings	5.5"	(140mm)
Rotation	365°	
End hose-length (heavy duty)	13'	(4m)
End hose-diameter	5"	(125mm)
Outrigger spread L-R-front telescopic diagonal	18'	(5.5m)
Outrigger spread L-R-rear swing-out	18'	(5.5m)

### Pump Specifications

**32Z.12L                      32Z.16H**

**.20H pump also available**

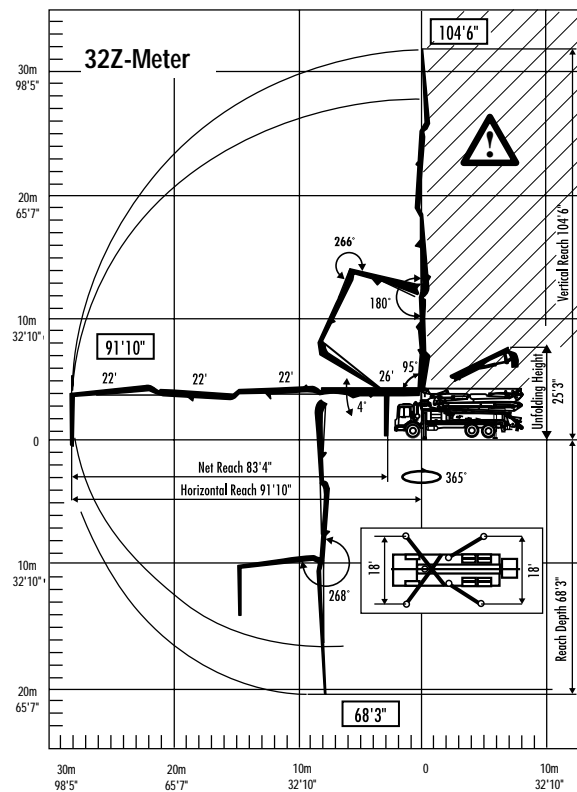
Output-	rod side	142 yd <sup>3</sup> /hr (109m <sup>3</sup> /hr)	210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr)	
	piston side	85 yd <sup>3</sup> /hr (65m <sup>3</sup> /hr)	146 yd <sup>3</sup> /hr (112m <sup>3</sup> /hr)	
Pressure-	rod side	1015 psi (70 bar)	1233 psi (85 bar)	
	piston side	1624 psi• (112 bar)•	1885 psi• (130 bar)•	
Concrete cylinder diameter	9"	(230mm)	9"	(230mm)
Stroke length	83"	(2100mm)	83"	(2100mm)
Max strokes per minute-	rod side	21	31	
	piston side	13	21	
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 (350 bar)		
Differential cylinder diameter	5.1" (130mm)	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 PMA stock truck-MACK MR688S

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

Right to make technical amendments reserved.



End hose not to be operated in caution area.



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