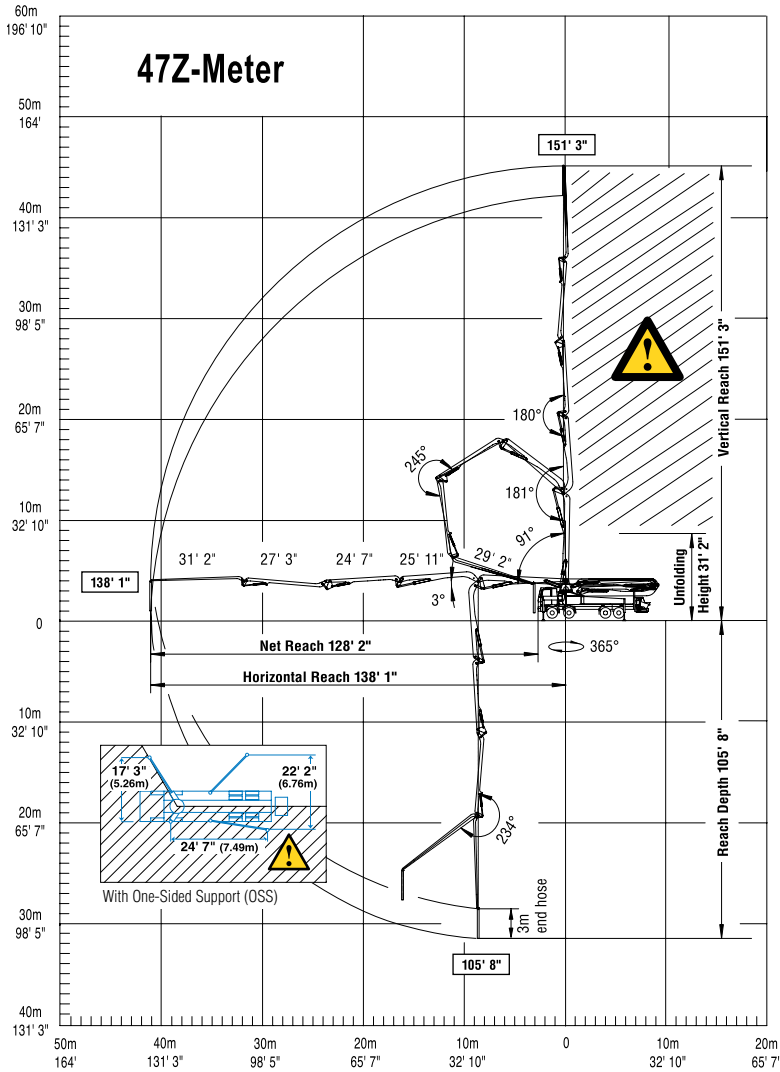
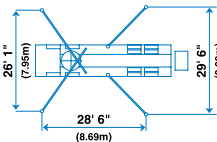


## Range Diagram



**⚠** End hose not to be operated in caution area.

Photos and drawings are for illustrative purposes only. For available options, please refer to price list.



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Authorized Distributor

## 47Z-Meter Truck-Mounted Specifications

Based on Model MACK MRU 688S with .16H pump cell

Length	42'	(12.79m)
Width	8' 2"	(2.50m)
Height	12' 10"	(3.92m)
Wheelbase	285"	(7,239mm)
Front axle weight	35,494 lbs	(16,100kg)
Rear axle weight	40,557 lbs	(18,397kg)
Approx total weight	76,822 lbs	(34,846kg)

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 • Z-Fold Design

<b>Height &amp; Reach</b>		
Vertical reach	151' 3"	(46.10m)
Horizontal reach	138' 1"	(42.09m)
Reach from front of truck*	128' 2"	(39.07m)
Reach depth	105' 8"	(32.21m)
Unfolding height	31' 2"	(9.50m)

### 5-Section Boom

1st section articulation	91°
2nd section articulation	181°
3rd section articulation	180°
4th section articulation	245°
5th section articulation	234°
1st section length	29' 2" (8.89m)
2nd section length	25' 11" (7.90m)
3rd section length	24' 7" (7.49m)
4th section length	27' 3" (8.31m)
5th section length	31' 2" (9.50m)

### General Specs

Pipeline size (ID) metric ends	5"	(125mm)
Rotation	365°	
End hose — length (lightweight)	10'	(3m)
End hose — diameter	5" - 4"	(125 - 102mm)
Outrigger spread L - R — front	26' 1"	(7.95m)
Outrigger spread L - R — rear	29' 6"	(8.99m)
Outrigger spread L - R — front hydraulically extend out & down		
Outrigger spread L - R — rear hydraulically swing out & extend down		

## Pump Specifications 47Z.16H 47Z.20H

Output — rod side	210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr)	—
piston side	146 yd <sup>3</sup> /hr (112m <sup>3</sup> /hr)	260 yd <sup>3</sup> /hr (200m <sup>3</sup> /hr)
Pressure — rod side	1233 psi (85 bar)	—
piston side	1885 psi (130 bar)•	1233 psi (85 bar)
Material cylinder diameter	9" (230mm)	11" (280mm)
Stroke length	83" (2100mm)	83" (2100mm)
Max strokes per minute — rod side	31	—
piston side	21	26
Volume control	0-Full	0-Full
Vibrator	Standard	Standard
Hard-chromed material cylinders	Standard	Standard
Hydraulic system	Free Flow	Free Flow
Hydraulic system pressure	5075 psi (350 bar)	5075 psi (350 bar)
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 — pedestal	40 gal (145L)	40 gal (145L)
outrigger	153 gal (580L)	153 gal (580L)

Maximum theoretical values listed.

\* Applies to units mounted on PMA stock truck — MACK MRU 688S

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