



28Z-METER TRUCK-MOUNTED SPECIFICATIONS

Length	33' 5"	(10.20m)
Width	8' 2"	(2.50m)
Height	12' 6"	(3.82m)
Wheelbase	195"	(4,953mm)
Front axle weight	15,900 lbs	(7,200kg)
Rear axle weight	30,500 lbs	(13,800kg)
Approx. total weight	46,400 lbs	(21,000kg)

Based on Model MACK MRU 613 with .16H pump cell.

Weights are approximate and include pump, boom, truck, 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	89' 7"	(27.31m)
Horizontal reach	78' 1"	(23.80m)
Reach from front of truck*	69' 2"	(21.08m)
Reach depth	54' 6"	(16.60m)
Unfolding height	21' 4"	(6.50m)

4-Section Boom

1st section articulation	90°	
2nd section articulation	180°	
3rd section articulation	250°	
4th section articulation	248°	
1st section length	23' 0"	(7.00m)
2nd section length	18' 4"	(5.59m)
3rd section length	18' 4"	(5.59m)
4th section length	18' 4"	(5.59m)

General Specs

Pipeline Size (ID) metric ends	5"	(125mm)
Rotation	365°	
End hose — length	10' 0"	(3.00m)
End hose — diameter	5"	(125mm)
Outrigger spread L - R — front hydraulically extend out & down	20' 5"	(6.22m)
Outrigger spread L - R — rear extend down	8' 7"	(2.62m)

PUMP SPECIFICATIONS[†]

	28Z.12H	28Z.16H
Output — rod side	144 yd ³ /hr (110m ³ /hr)	210 yd ³ /hr (160m ³ /hr)
Output — piston side	97 yd ³ /hr (74m ³ /hr)	141 yd ³ /hr (108m ³ /hr)
Pressure — rod side	1,233 psi (85 bar)	1,233 psi (85 bar)
Pressure — piston side	1,885 psi (130 bar)*	1,885 psi (130 bar)*
Material cylinder diameter	9" (230mm)	9" (230mm)
Stroke length	83" (2,100mm)	83" (2,100mm)
Maximum strokes per minute — rod side	21	31
Maximum strokes per minute — piston side	14	21
Volume control	0-Full	0-Full
Vibrator	Standard	Standard
Hard-chromed material cylinders	Standard	Standard
Hydraulic system	Free Flow	Free Flow
Hydraulic system pressure	5,075 psi (350 bar)	5,075 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 — pedestal	185 gal (700L)	185 gal (700L)

Maximum theoretical values listed.

* Applies to units mounted on PMA stock truck — MACK MRU 613

† Standard delivery line system rated at maximum line pressure of 1,233 psi (85 bar)

† .09 pump cell also available.

Photos and drawings are for illustrative purposes only.

Authorized Distributor



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