

38Z-5-Meter Truck-Mounted Specifications

Length	40' 11"	(12.48m)
Width	8' 2"	(2.50m)
Height	12' 9"	(3.90m)
Wheelbase	231"	(5,867mm)
Front axle weight	18,880 lbs	(8,564kg)
Rear axle weight	37,540 lbs	(17,028kg)
Approx total weight	56,420 lbs	(25,592kg)

Based on Model MACK MRU 613 with .16H pump cell.
 Weights are approximate and include pump, boom, truck, driver and full fuel tank.
 Varies with options selected.
 Dimensions will vary with different truck makes, models and specifications.

Boom Specifications | Z-Fold Design

Height & Reach		
Vertical reach	123' 0"	(37.50m)
Horizontal reach	107' 7"	(32.80m)
Reach from front of truck*	99' 5"	(30.30m)
Reach depth	83' 70"	(25.30m)
Unfolding height	24' 3"	(7.40m)
5-Section Boom		
1st section articulation	90°	
2nd section articulation	180°	
3rd section articulation	180°	
4th section articulation	245°	
5th section articulation	230°	
1st section length	28' 7"	(8.70m)
2nd section length	20' 4"	(6.20m)
3rd section length	18' 4"	(5.60m)
4th section length	21' 4"	(6.50m)
5th section length	21' 4"	(6.50m)

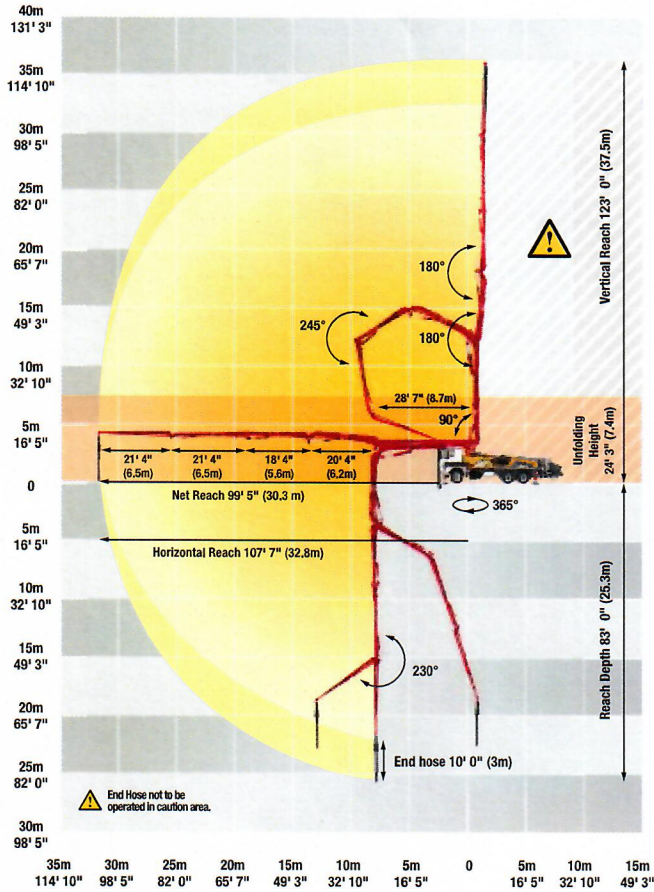
General Specifications

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	19' 8"	(6.00m)
hydraulically extended out & down		
Outrigger spread L-R — rear	24' 7"	(8.10m)
hydraulically swing out & extend down		

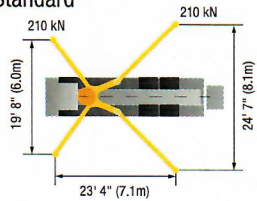
Pump Specifications	38Z-5.16H	38Z-5.18H LS
Output — rod side	210 yd ³ /hr (160m ³ /hr)	—
— piston side	141 yd ³ /hr (108m ³ /hr)	238 yd ³ /hr (182m ³ /hr)
Pressure — rod side	1,233 psi (85 bar)	—
— piston side	1,885 psi (130 bar)•	1,233 psi (85 bar)•
Material cylinder diameter	9" (230mm)	10" (250mm)
Stroke length	83" (2,100mm)	83" (2,100mm)
Maximum strokes per minute		
— rod side	31	—
— piston side	21	29
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	5.5" (140mm)	5.5" (140mm)
Rod diameter	3.1" (80mm)	3.1" (80mm)
Maximum size aggregate	2.5" (63mm)	2.5" (63mm)
Water tank — pedestal	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 max line pressure of 1,233 psi (85 bar)

38Z-5-Meter Range Diagram



Standard



OSS

