





## 47Z-METER TRUCK-MOUNTED SPECIFICATIONS

Length	39' 1"	(11.90m)
Width	8' 2"	(2.50m)
Height	12' 8"	(3.88m)
Wheelbase	266"	(6,756mm)
Front axle weight	32,831 lbs	(14,892 kg)
Rear axle weight	37,289 lbs	(16,914 kg)
Approx total weight	70,120 lbs	(31,806 kg)

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 | Z-FOLD DESIGN**

Height &	Reach		
Vertical	reach	151' 3"	(46.10m)
Horizont	al reach	134' 11"	(41.10m)
Reach fr	om front of truck*	124' 8"	(38.00m)
Reach do	epth	106' 4"	(32.40m)
Unfoldin	g height	36' 5"	(11.10m)
5-Sectio	n Boom		
1st secti	ion articulation	90°	
2nd sect	ion articulation	180°	
3rd sect	ion articulation	180°	
4th sect	ion articulation	235°	
5th sect	ion articulation	230°	
1st secti	on length	31' 10"	(9.70m)
2nd sect	ion length	25' 7"	(7.80m)
3rd secti	ion length	24' 7"	(7.49m)
	ion length	27' 11"	(8.50m)
5th secti	ion length	28' 3"	(8.60m)
General :			
	Size (ID) metric ends	5"	(125mm)
Rotation		365°	
	— length	10' 0"	(3.00m)
End hose		5"	
Outrigger	spread L - R — front	27' 11"	
Outrigger hydrau	spread L - R — front lically extend out & d	t 27' 11" own	(8.50m)
Outrigger hydrau Outrigger	spread L - R — front llically extend out & d spread L - R — rear	27' 11" own 29' 9"	(8.50m)
Outrigger hydrau Outrigger hydrau	spread L - R — front dically extend out & d spread L - R — rear dically swing out & ex	t 27' 11" own 29' 9" tend down	(125mm) (8.50m) (9.08m)
Outrigger hydrau Outrigger hydrau	spread L - R — front llically extend out & d spread L - R — rear	27' 11" own 29' 9"	(8.50m) (9.08m)
Outrigger hydrau Outrigger hydrau	spread L - R — front dically extend out & d spread L - R — rear dically swing out & ex	27' 11" own 29' 9" tend down  47Z.16H  210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr)	(8.50m) (9.08m) <b>47Z.18H LS</b>
Outrigger hydrau Outrigger hydrau PUMP S Output	spread L - R — front dically extend out & d spread L - R — rear dically swing out & ex PECIFICATIONS — rod side — piston side	27' 11" own 29' 9" tend down 47Z.16H	(8.50m) (9.08m) <b>47Z.18H LS</b>
Outrigger hydrau Outrigger hydrau PUMP S Output	spread L - R — front dically extend out & d spread L - R — rear dically swing out & ex PECIFICATIONS — rod side — piston side — rod side	27' 11" own 29' 9" tend down  47Z.16H  210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr) 141 yd <sup>3</sup> /hr (108m <sup>3</sup> /hr) 1,233 psi (85 bar)	(8.50m) (9.08m) 47Z.18H LS 238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr)
Outrigger hydrau Outrigger hydrau PUMP S Output	spread L - R — front dically extend out & d spread L - R — rear dically swing out & ex PECIFICATIONS — rod side — piston side	27' 11" own 29' 9" tend down  47Z.16H  210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr) 141 yd <sup>3</sup> /hr (108m <sup>3</sup> /hr) 1,233 psi (85 bar) 1,885 psi (130 bar)•	(8.50m) (9.08m) 47Z.18H LS 238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr) ————————————————————————————————————
Outrigger hydrau Outrigger hydrau PUMP S Output Pressure	spread L - R — front dically extend out & d spread L - R — rear dically swing out & ex PECIFICATIONS — rod side — piston side — piston side cylinder diameter	27' 11" own 29' 9" tend down 47Z.16H 210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr) 141 yd <sup>3</sup> /hr (108m <sup>3</sup> /hr) 1,233 psi (85 bar) 1,885 psi (130 bar)- 9" (230mm)	(8.50m) (9.08m) 47Z.18H LS 238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr) 1,233 psi (85 bar) 10" (250mm)
Outrigger hydrau Outrigger hydrau PUMP S Output Pressure Material ( Stroke lei	spread L - R — front dically extend out & d spread L - R — rear dically swing out & ex PECIFICATIONS — rod side — piston side — piston side — piston side cylinder diameter	27' 11" own 29' 9" tend down  47Z.16H  210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr) 141 yd <sup>3</sup> /hr (108m <sup>3</sup> /hr) 1,233 psi (85 bar) 1,885 psi (130 bar)•	(8.50m) (9.08m) 47Z.18H LS 238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr) 1,233 psi (85 bar) 10" (250mm)
Outrigger hydrau Outrigger hydrau PUMP S Output Pressure Material ( Stroke lei	spread L - R — front dically extend out & d spread L - R — rear dically swing out & ex PECIFICATIONS  — rod side — piston side — rod side — piston side cylinder diameter agth strokes per minute	27' 11" own 29' 9" tend down  47Z.16H  210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr) 141 yd <sup>3</sup> /hr (108m <sup>3</sup> /hr) 1,233 psi (85 bar) 1,885 psi (130 bar)- 9" (230mm) 83" (2,100mm)	(8.50m) (9.08m) 47Z.18H LS 238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr) 1,233 psi (85 bar) 10" (250mm)
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Outrigger hydrau Outrigger hydrau  PUMP S Output  Pressure Material ( Stroke ler Maximum	spread L - R — front dically extend out & dispread L - R — rear dically swing out & extended by the street of the street out of the street	27' 11" own 29' 9" tend down  47Z.16H  210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr) 141 yd <sup>3</sup> /hr (108m <sup>3</sup> /hr) 1,233 psi (85 bar) 1,885 psi (130 bar) 9" (230mm) 83" (2,100mm)	(8.50m) (9.08m) 47Z.18H LS 238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr) 1,233 psi (85 bar) 10" (250mm) 83" (2,100mm)
Outrigger hydrau Outrigger hydrau PUMP S Output Pressure Material ( Stroke lei Maximum	spread L - R — front dically extend out & dispread L - R — rear dically swing out & extended by the street of the street out of the street	27' 11" own 29' 9" tend down  47Z.16H  210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr) 141 yd <sup>3</sup> /hr (108m <sup>3</sup> /hr) 1,233 psi (85 bar) 1,885 psi (130 bar) 9" (230mm) 83" (2,100mm) 31 21 0-Full	(8.50m) (9.08m) 47Z.18H LS 238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr) 1,233 psi (85 bar) 10" (250mm) 83" (2,100mm)
Outrigger hydrau Outrigger hydrau PUMP S Output Pressure Material ( Stroke lei Maximum Volume C: Vibrator	spread L - R — front slically extend out & d spread L - R — rear slically swing out & ex	27' 11" own 29' 9" tend down  47Z.16H  210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr) 141 yd <sup>3</sup> /hr (108m <sup>3</sup> /hr) 1,233 psi (85 bar) 1,885 psi (130 bar) 9" (230mm) 83" (2,100mm)  31 21 0-Full Standard	(8.50m) (9.08m)  47Z.18H LS  238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr)  1,233 psi (85 bar) 10" (250mm) 83" (2,100mm)  29 0-Full Standard
Outrigger hydrau Outrigger hydrau PUMP S Output Pressure Material ( Stroke ler Maximum Volume c: Vibrator Hard-chri	spread L - R — front slically extend out & d spread L - R — rear slically swing out & ex   PECIFICATIONS — rod side — piston side — piston side — piston side cylinder diameter nigth strokes per minute — rod side — piston side ontrol omed material cylinder ontrol	tend down  29' 9" tend down  47Z.16H  210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr) 141 yd <sup>3</sup> /hr (108m <sup>3</sup> /hr) 1,233 psi (85 bar) 1,885 psi (130 bar) 9" (230mm) 83" (2,100mm)  31 0-Full Standard rs Standard	(8.50m) (9.08m)  47Z.18H LS  238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr)  1,233 psi (85 bar) 10" (250mm) 83" (2,100mm)  29 0-Full Standard Standard
Outrigger hydrau Outrigger hydrau PUMP S Output Pressure Material ( Stroke let Maximum Volume co Vibrator Hard-chrt Hydraulic	spread L - R — front slically extend out & d spread L - R — rear slically swing out & ex   PECIFICATIONS  — rod side — piston side — piston side cylinder diameter negth — rod side — piston side cylinder diameter negth — rod side — piston side ontrol  ped material cylinder system	27' 11" own 29' 9" tend down  47Z.16H  210 yd³/hr (160m³/hr) 141 yd³/hr (108m³/hr) 1,233 psi (85 bar) 1,885 psi (130 bar)• 9" (230mm) 83" (2,100mm)  31 21 0-Full Standard rs Standard Free Flow	(8.50m) (9.08m)  47Z.18H LS  238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr)  1,233 psi (85 bar) 10" (250mm) 83" (2,100mm)  29 0-Full Standard Standard Free Flow
Outrigger hydrau Outrigger hydrau PUMP S Output Pressure Material o Stroke lei Maximum Volume co Vibrator Hard-chri Hydraulic	spread L - R — front dically extend out & dispread L - R — rear dically swing out & ex	27' 11" own 29' 9" tend down  47Z.16H  210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr) 141 yd <sup>3</sup> /hr (108m <sup>3</sup> /hr) 1,233 psi (85 bar) 1,885 psi (130 bar) 9" (230mm) 83" (2,100mm)  31 21 0-Full Standard rs Standard Free Flow 5,075 psi (350 bar)	(8.50m) (9.08m)  47Z.18H LS  238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr)  1,233 psi (85 bar) 10" (250mm) 83" (2,100mm)
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Outrigger hydrau Outrigger hydrau PUMP S Output Pressure Material of Stroke lei Maximum Volume co Vibrator Hard-chri Hydraulic Hydraulic Rod diam	spread L - R — front dically extend out & dispread L - R — rear dically swing out & expective extends out & extends out	27' 11" own 29' 9" tend down  47Z.16H  210 yd <sup>3</sup> /hr (160m <sup>3</sup> /hr) 141 yd <sup>3</sup> /hr (108m <sup>3</sup> /hr) 1,233 psi (85 bar) 1,885 psi (130 bar) 9" (230mm) 83" (2,100mm)  31 21 0-Full Standard Free Flow 5,075 psi (350 bar) 5.5" (140mm) 3.1" (80mm)	(8.50m) (9.08m)  47Z.18H LS  238 yd <sup>3</sup> /hr (182m <sup>3</sup> /hr)  1,233 psi (85 bar) 10" (250mm) 83" (2,100mm)  29 0-Full Standard Standard Free Flow 5,075 psi (350 bar) 5" (125mm) 3.1" (80mm)
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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)