

# Model XXT42.4RZ

## Truck Mounted 42-Meter Concrete Boom Pump

### BOOM SPECIFICATIONS

### XXT42.4RZ

Height & Reach		
Vertical Reach	136'5"	41.58 m
Horizontal Reach	123'4"	37.60 m
Reach From Front of Truck	112'7"	34.32 m
Unfolding Height	28"	8.53 m

5-Section Boom		
1st Section Articulation	96°	96°
2nd Section Articulation	180°	180°
3rd Section Articulation	270°	270°
4th Section Articulation	180°	180°
5th Section Articulation	270°	270°
1st Section Length	29'	8.84 m
2nd Section Length	25'	7.62 m
3rd Section Length	23'7"	7.2 m
4th Section Length	22'11"	6.99 m
5th Section Length	22'11"	6.99 m

General Specs		
Pipeline Size (ID) Metric Ends	5.0"	125 mm
With Couplings	5.5"	140 mm
Rotation	370°	370°
End Hose: Length (Heavy-duty)	13'0"	4.00 m
Diameter	5.0"	125 mm
Outrigger Spread L-R-Front	27'8"	8.43 m
Outrigger Spread L-R-Rear	26'2"	7.98 m

### PUMP SPECIFICATIONS

Output:	Rod Side	200 yd <sup>3</sup> /hr	154 m <sup>3</sup> /hr
	Piston Side	131 yd <sup>3</sup> /hr	101 m <sup>3</sup> /hr
Pressure:	Rod Side	1300 psi	90 bar
	Piston Side	1853 psi	128 bar
Hard-chromed Concrete Cylinders		Standard	Standard
Concrete Cylinder Diameter		9.0"	230 mm
Stroke Length		79.0"	2000 mm
Maximum Strokes per Minute:	Rod Side	31	31
	Piston Side	18	18
Hopper Capacity		23 ft <sup>3</sup>	650 L
Volume Control		Zero to Full	Zero to Full
Hopper Grate Vibrator		Standard	Standard
Hydraulic System: RR A4V125		Closed-loop	Closed-loop
Hydraulic System Pressure		5000 psi	345 bar
Hydraulic Tank(s) Capacity		Pump	450 L
	Boom	106 gal	400L
Hydraulic Drive Cylinders:	Rod Diameter	3.15"	80 mm
	Piston Diameter	5.51"	140 mm
Water Tank Capacity		295 gal	1120 L
Maximum Aggregate Size		2.5"	63 mm

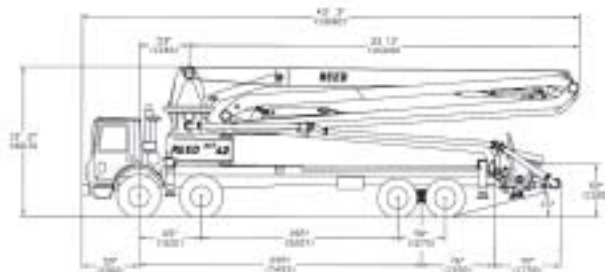
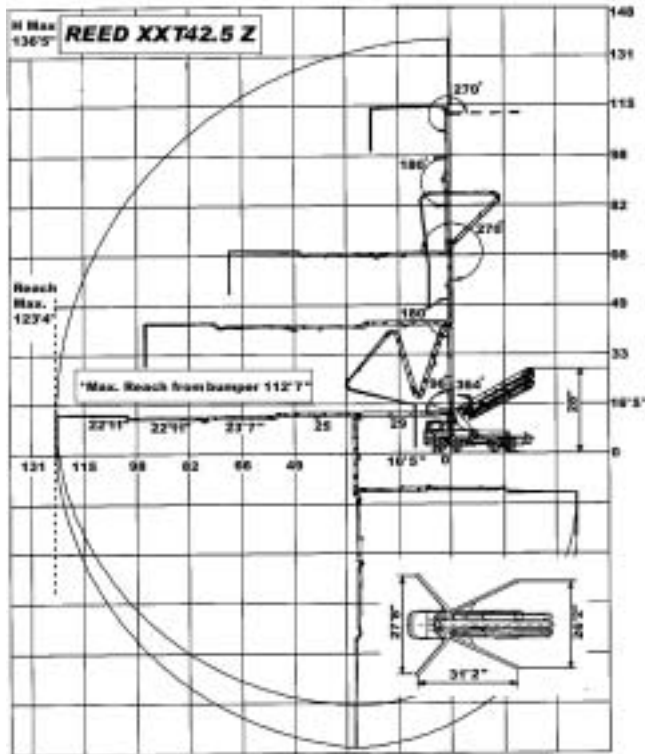
### TRUCK MOUNTED SPECIFICATIONS\*

Truck Model: Mack MR 688S

Horsepower	460	460
Length	43'3"	13.18 m
Width	8'2"	2.49 m
Height	13'2"	4.01 m
Wheelbase	295"	7.99 m
Front Axle Weight (Approx.)	35,860 lbs	16,266 kg
Rear Axle Weight (Approx.)	42,400 lbs	19,233 kg
Total Weight (Approx.)	78,260 lbs	35,499 kg

Maximum theoretical performance shown above. Maximum output and pressure cannot be reached simultaneously. Performance will vary depending on slump, mix design and pipeline diameter. Specifications subject to change without prior notice.

\*Dimensions vary with different truck makes, models and specifications.



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