

## Model XT36R-160

### Truck Mounted 36-Meter Concrete Boom Pump



- Economy line
- 117 ft (36 m) Vertical Reach
- 160 yd<sup>3</sup>/hr (125 m<sup>3</sup>/hr)
- 825 psi Concrete Pressure
- 4-Section Boom with 5" (125 mm) Line
- Centralized "X" Outrigger and Boom Pedestal
- Efficient Rexroth A11VOL
- Exclusively 90° Elbows on Boom
- Radiused Boom Design

**Boom:** Versatile, compact, fully articulating 4-section roll-and-fold boom represents the latest in boom technology. Radiused boom design to improve durability and eliminate stress focal points. Low unfolding height of 27'9" (8.46 m).

**Delivery Line:** 5" (125 mm) delivery line with straight pipe sections and 90° elbows. Components are all readily available and bracket mounted for easy delivery line replacement.

**Pedestal:** Integrated outrigger and boom pedestal with small outrigger footprint. "X"-structure design eliminates stress or twist in truck frame. Heavy-duty, low friction, double-row ball bearing rotates the 4-section boom assembly through a 370° slewing range. Hydraulic oil tank and water tank located in pedestal section for improved weight distribution. Two spacious 11'6" (3.5 m) long decks for convenient storage of pipes and hoses.

**Outriggers:** Front and rear, fully hydraulic, "X"-type outriggers; only 20'4" (6.2 m) front width and 21'8" (6.6 m) rear width for quick setup. Front outriggers telescope while rear ones swing-out. Outrigger controls are located at the truck boom base. Unsurpassed stability while pumping.

**Remote Controls:** Lightweight, fully proportional remote control box with 115 ft (35 m) cable for smooth operation of all boom and pump functions. Fully proportional radio remote controls included as well. Remote and radio controls have identical patterns. Manual boom controls are conveniently located on the RH deck.

**Clean-out:** Hydraulically driven, high pressure 360 psi (25 bar) water pump with twin 130 gal (500 L) water tanks and hose.

**Concrete Pump** - Open-loop hydraulic system using Rexroth A11VOL hydraulic pump for smooth, controllable pumping. Reduced boom bounce even when pumping at maximum output. Hard-chromed concrete cylinders and hard-faced wear parts precision machined for long life and tight sealing. Fully-variable volume control from 0 to 160 yd<sup>3</sup>/hr (0 to 125 m<sup>3</sup>/hr). Hinged clean-out door and swing away discharge pipe for quick, effective wash-out. All major system components located for good operator accessibility and ease of service. Harsh-mix hopper combines field proven boom pump experience with the most advanced technology available. Hopper screen and splash guards are standard.

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## Truck Mounted 36-Meter Concrete Boom Pump

### BOOM SPECIFICATIONS

### XT36R-160

Height & Reach		
Vertical Reach	117'5"	35.80 m
Horizontal Reach	105'0"	32.00 m
Reach From Front of Truck	96'5"	29.39 m
Reach Depth	81'9"	24.92 m
Unfolding Height	27'9"	8.48 m

4-Section Boom		
1st Section Articulation	96°	96°
2nd Section Articulation	180°	180°
3rd Section Articulation	180°	180°
4th Section Articulation	240°	240°
1st Section Length	28'3"	8.61 m
2nd Section Length	25'6"	7.77 m
3rd Section Length	25'6"	7.77 m
4th Section Length	25'7"	7.80 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	20'4"	6.20 m
Outrigger Spread L-R-Rear	21'8"	6.60 m

### PUMP SPECIFICATIONS

Output:	160 yd <sup>3</sup> /hr	125 m <sup>3</sup> /hr
Pressure:	825 psi	57 bar
Hard-chromed Concrete Cylinders	Standard	
Concrete Cylinder Diameter	9.0"	230 mm
Stroke Length	79.0"	2000 mm
Maximum Strokes per Minute:	25	
Hopper Capacity	23 ft <sup>3</sup>	650 L
Volume Control	Zero to Full	
Hopper Grate Vibrator	Standard	
Hydraulic System:	Open-loop	
Hydraulic System Pressure	5000 psi	345 bar
Hydraulic Tank Capacity (Pump System)	100 gal	378 L
Hydraulic Drive Cylinders: Rod Diameter	3.15"	80mm
Piston Diameter	4.9"	125mm
Water Tank Capacity (Twin 130 gal tanks)	260 gal	1000 L
Maximum Aggregate Size	2.5"	63 mm

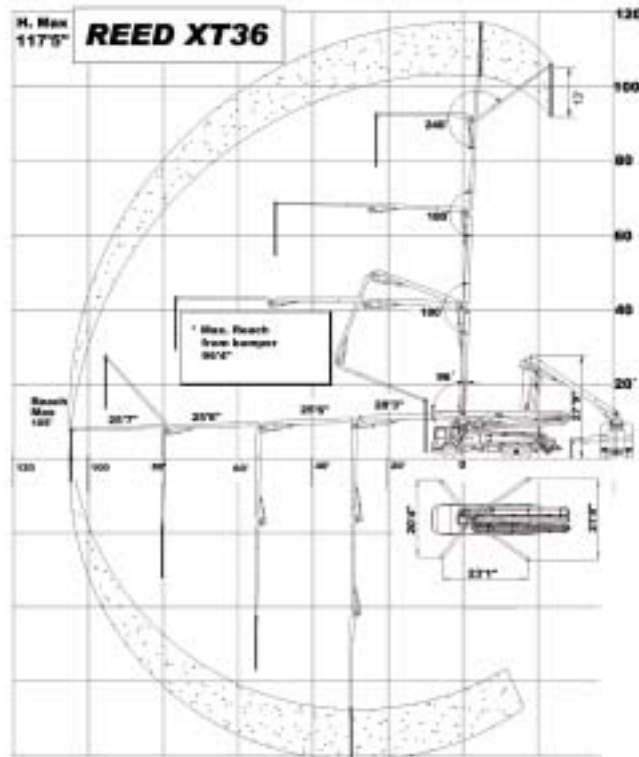
### TRUCK MOUNTED SPECIFICATIONS\*

Truck Model: Mack MR 688S

Horsepower	350	350
Length	37'3"	11.36 m
Width	8'2"	2.49 m
Height	12'6"	3.81 m
Wheelbase	215"	5.46 m
Front Axle Weight (Approx.)	18,350 lbs	8,340 kg
Rear Axle Weight (Approx.)	36,750 lbs	16,700 kg
Total Weight (Approx.)	55,100 lbs	25,050 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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