

Placing Systems

Booms, Towers and Accessories



Placing Systems

- Separate Placing Booms
- Modular Towers
- Detach Boom Kits
- Hydraulic Valves
- Deck Placers

Placing Boom Specifications

Reach/Boom	MXR 24/28Z	MXR 28/32Z	MXR 32/36	MXR 32/36Z	MXR 34/38Z	MXR 36/40Z	MXKD 38/42*
Boom design	Multi-Z Boom	Multi-Z Boom	Roll-and-Fold	Multi-Z Boom	Multi-Z Boom	Multi-Z Boom	Roll-and-Fold
Horizontal reach	78' 1" (23.80m)	91' 10" (27.99m)	105' 2" (32.05m)	104' (31.70m)	108' 7" (33.10m)	115' 2" (35.10m)	124' 8" (38.00m)
Vertical reach**	85' 3" (26.00m)	99' 3" (30.26m)	112' 5" (34.30m)	111' 5" (33.96m)	116' 4" (35.47m)	122' 8" (37.39m)	124' 8" (38.00m)
Reach depth**	58' 2" (17.73m)	70' 1" (21.36m)	82' 11" (25.28m)	79' 3" (24.15m)	84' 8" (25.81m)	88' 4" (26.92m)	107' 11" (32.89m)
Stowed boom length	23' 4" (7.11m)	26' 4" (8.04m)	28' 11" (8.81m)	29' (8.84m)	31' 4" (9.55m)	32' 4" (9.85m)	33' 10" (10.31m)
4-section boom							
1st section	23' (7.00m)	26' (7.92m)	28' 7" (8.71m)	28' 8" (8.74m)	28' 6" (8.69m)	30' 10" (9.40m)	33' 4" (10.16m)
2nd section	19' (5.80m)	21' 11" (6.68m)	25' 8" (7.82m)	25' 3" (7.70m)	25' 3" (7.70m)	27' 7" (8.41m)	30' 10" (9.40m)
3rd section	19' (5.80m)	21' 11" (6.68m)	25' 4" (7.72m)	25' 4" (7.72m)	27' 7" (8.41m)	28' 8" (8.74m)	30' 2" (9.19m)
4th section	17' 1" (5.20m)	22' (6.71m)	25' 7" (7.80m)	24' 9" (7.54m)	27' 3" (8.31m)	28' 1" (8.56m)	30' 4" (9.25m)
Boom articulation							
1st section	90°	99°	98°	103°	103°	102°	95°
2nd section	180°	180°	180°	180°	180°	180°	180°
3rd section	250°	266°	180°	246°	245°	245°	180°
4th section	248°	265°	247°	234°	233°	233°	251°
General Specs							
Rotation	365°	365°	365°	365°	365°	365°	365°
Pipeline diameter	5" (125mm)	5" (125mm)	5" (125mm)	5" (125mm)	5" (125mm)	4.6" (117mm)	5" (125mm)
Power	400-480V/50-60Hz/35amp	400-480V/50-60Hz/35amp	400-480V/50-60Hz/35amp	400-480V/50-60Hz/35amp	400-480V/50-60Hz/35amp	400-480V/50-60Hz/35amp	440-480V/50-60Hz/80amp
Control systems	Radio-Cable-Manual	Radio-Cable-Manual	Radio-Cable-Manual	Radio-Cable-Manual	Radio-Cable-Manual	Radio-Cable-Manual	Radio-Cable-Manual
Pump Outputs	Putzmeister placing booms can be used with any size pump from 20 to over 200 cubic yards an hour (15 to 152m³/hr).						
Weights							
Boom weight	8,713 lbs (3952kg)	12,591 lbs (5711kg)	13,880 lbs (6296kg)	13,239 lbs (6005kg)	13,133 lbs (5957kg)	13,144 lbs (5962kg)	—————
Pedestal weight	4,850 lbs (2200kg)	4,850 lbs (2200kg)	4,850 lbs (2200kg)	4,850 lbs (2200kg)	4,850 lbs (2200kg)	4,850 lbs (2200kg)	—————
Total approx weight	13,563 lbs (6152kg)	17,441 lbs (7911kg)	18,730 lbs (8496kg)	18,089 lbs (8205kg)	17,983 lbs (8157kg)	17,994 lbs (8162kg)	24,500 lbs (11113kg)
Series II weights	Series I weights are shown above; add 920 lbs (417kg) to the pedestal to achieve Series II detach boom weights.						

*MXKD 38/42 is a larger series model. Different features and new tower apply. Contact Putzmeister for more details.

**Measured from bottom of pedestal for MXR booms.

Expanded working range diagrams available on all models.

Hydraulic Valves

Model	Pipeline Diameter	Maximum Pressure	Ports/Positions
5/2 Diversion	HD 5" (125mm)	1885 psi (130 bar) •	5/2
2/2 Shutoff	HD 5" (125mm)	1233 psi (85 bar)	2/2

• Standard delivery line system rated at max line pressure of 1233 psi (85 bar)

Specifications subject to change without prior notice. Photos for illustrative purposes only. Refer to the Putzmeister operators manual for safe and proper operation of equipment.

Standard Features

- 4-section boom with one-piece slewing head
- 5" (125mm) twin-wall delivery line on all sections except 36/40Z which is 4.6" (117mm) twin-wall
- 10 ft (3m) end hose - coupled one end
- Modular boom controls (MBC)
- 365° rotation
- Combi electric switch box
- Centralized lube location
- Manual grease gun
- High quality paint finish - blue and cream

- World standard control panel
- Proportional cable remote with 130 ft (40m) cable
- Emergency stop
- Operators manuals

Tower Specs

Our pin or bolt tower system fits all MXR Putzmeister booms.

	Bolt	Pin
Height	50' (15m)**	50' (15m)**
Width (Square)	4' 3" (1.3m)	4' (1.22m)
Approx weight (incl. adapter)	10,700 lbs (4850kg)***	10,760 lbs (4880kg)***
Floor Opening (Square)	4' 7" (1.40m)	4' 6" (1.37m)

**adjustable in 10 ft (3m) increments

***weight varies with height



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