



# Specializing in Customized APPLICATIONS

Ideal for demanding applications, such as high-rise buildings, treatment plants, precast plants, bridges

## Ideal for Decks

- Allows larger pours due to speed of placement
- Cuts down size of placing crew
- Eliminates need for finishing crew overtime
- Reduces labor because no heavy hoses to drag over the deck, reinforcing and post tension cables
- Frees crane hook time for other tasks
- Promotes safety on deck
- Places concrete easily around or over obstacles
- Lets operator see placing crew and precisely adjust boom

## Perfect for Walls and Columns

- Eliminates waste
- Frees crane hook time for other tasks
- Promotes safety - no wrestling with buckets
- Ensures better control of placing rate
- Eliminates shock loading of forms
- Provides minimum separation to promote a smoother finish
- Allows convenient placement in normally inaccessible areas
- Lets operator control boom at precise point of placement

## Preferred for Precast Manufacturing

- Mounts directly to PM tower anchors on foundation - other mountings possible
- Uses only 16 sq. ft. (1.5m<sup>2</sup>) floor space
- Unfolds easily under low ceiling heights due to boom versatility
- Reaches over working traffic to efficiently place concrete into forms within buildings
- Allows continuous concrete placement
- Compresses job schedule
- Protects delivery line and power connections inside the tower

## Putzmeister Placing Systems SPECIFICATIONS

Reach/Boom	MX 24/28Z	MX 28/32Z	MX 32/36	MX 32/36Z	MX 34/38Z	MX 36/40Z	MX 38/42*	MX 42/46Z*
Boom design	Multi-Z	Multi-Z	Roll-and-Fold	Multi-Z	Multi-Z	Multi-Z	Roll-and-Fold	Z-Fold
Horizontal reach	78' 1" (23.80m)	91' 10" (27.99m)	105' 2" (32.05m)	104' (31.70m)	108' 7" (33.10m)	115' 3" (35.13m)	124' 8" (38.00m)	138' 2" (42.00m)
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)	138' 2" (42.00m)
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)	-
<b>Boom Sections</b>								
1 <sup>st</sup> 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)	29' 2" (8.90m)
2 <sup>nd</sup> 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)	25' 11" (7.90m)
3 <sup>rd</sup> 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)	24' 7" (7.50m)
4 <sup>th</sup> 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)	27' 3" (8.30m)
5 <sup>th</sup> section	-	-	-	-	-	-	-	27' 11" (8.50m)
<b>Boom Articulation</b>								
1 <sup>st</sup> section	90°	99°	98°	103°	103°	102°	95°	94°
2 <sup>nd</sup> section	180°	180°	180°	180°	180°	180°	180°	181°
3 <sup>rd</sup> section	250°	266°	180°	246°	245°	245°	180°	180°
4 <sup>th</sup> section	248°	265°	247°	234°	233°	233°	251°	245°
5 <sup>th</sup> section	-	-	-	-	-	-	-	234°
<b>General Specs</b>								
Rotation	365°	365°	365°	365°	365°	365°	365°	365°
Pipeline diameter	5" (127mm)	5" (127mm)	5" (127mm)	5" (127mm)	5" (127mm)	4.6" (117mm)	5" (127mm)	5" (127mm)
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/35amp	Deutz TCD2013 Tier 3 270 hp (201kW) Engine
Control systems	Radio-Cable- Manual	Radio-Cable- Manual	Radio-Cable- Manual	Radio-Cable- Manual	Radio-Cable- Manual	Radio-Cable- Manual	Radio-Cable- Manual	Radio-Cable-Manual
<b>Weights</b>								
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.							

\*This is a larger series model. Different features and new tower apply, contact Putzmeister for more details.  
\*\*Measured from bottom of pedestal for MX booms.

Gate and Diversion Valves		
Model	Maximum Pressure	Weight
GVM 2/2 – manual gate valve	1885 psi (130 bar)	132 lbs (60kg)
GVHM 2/2 – hydraulic or manual gate valve	1885 psi (130 bar)	165 lbs (75kg)
DVH 5/2 – hydraulic diversion valve	1885 psi (130 bar)	710 lbs (322kg)

## Standard Features

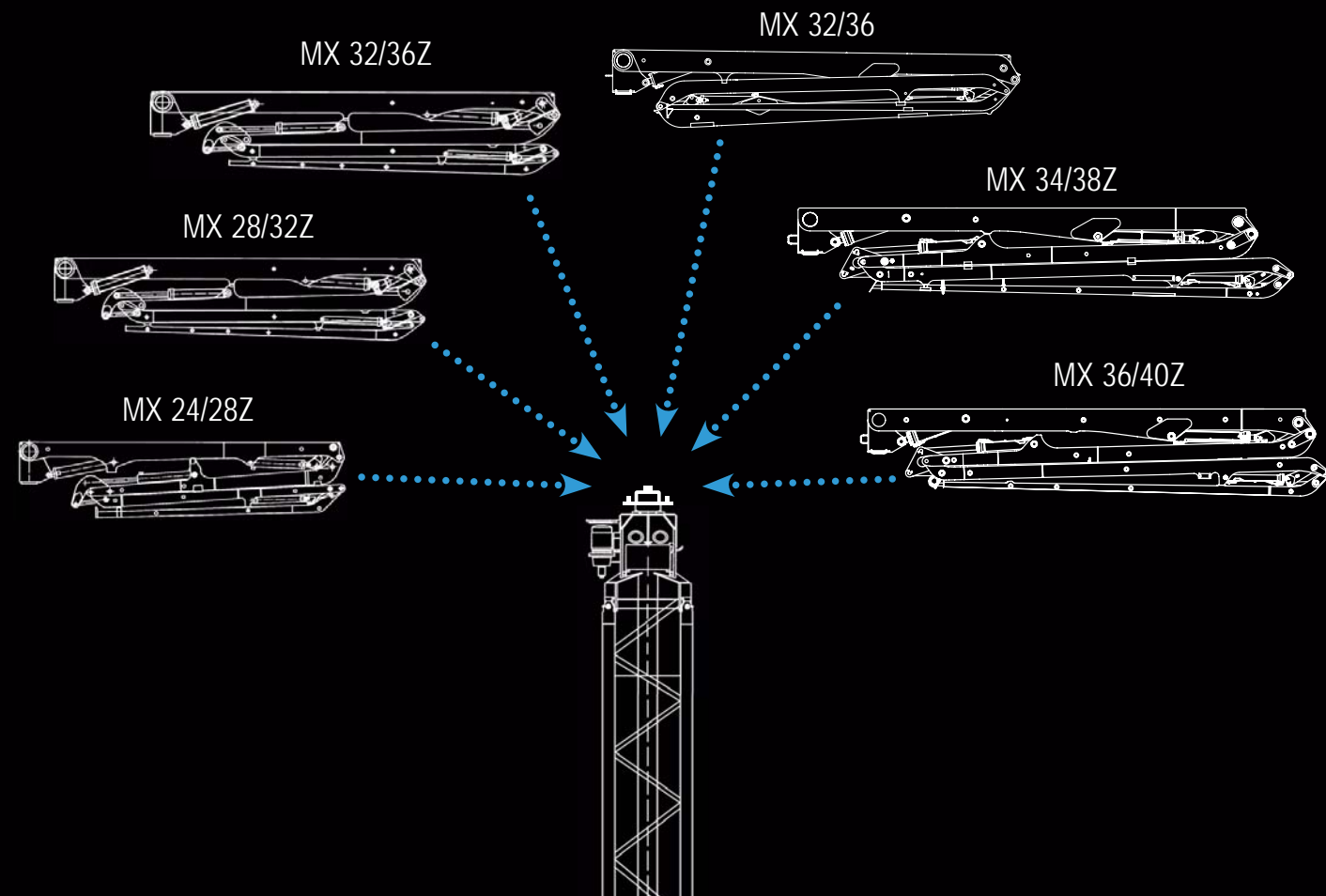
- 5" (127mm) twin-pipe delivery line on all sections except 36/40Z which is 4.6" (117mm) twin-pipe
- 10 ft. (3m) end hose - coupled one end
- Modular boom controls (MBC)
- Combi electric switch box
- Centralized lube location
- Manual grease gun
- High quality paint finish - blue and cream
- World standard control panel
- Proportional cable remote with 130 ft. (40m) cable
- Emergency stop
- Operators manuals

## Tower Specs Our pin tower system fits all MX Putzmeister booms.

Height Free stands up to 80' (24m)	10' (3m)**
Width (Square)	4' (1.22m)
Approx weight (incl. adapter)	10,760 lbs (4880kg)***
Floor opening (Square)	4' 6" (1.37m)

\*\*Adjustable in 10 ft. (3m) increments. \*\*\*Weight varies with height.

All placing boom models pin connect to the **SAME** pedestal and pin tower system for unmatched ease of use.



# Easy Does It - EVERY TIME

Putzmeister's Series II Detach Boom is the fastest and easiest truck-to-tower conversion in the industry, bringing more efficiency to your time-sensitive jobs.

The quick detach kit, featuring our exclusive Hydraulic Quick Disconnect technology, is ideal for situations in which the boom must be frequently transferred. It allows the operator to couple and uncouple multiple hydraulic hoses simultaneously – in one simple motion – saving steps and time.

To reduce the flyweight by 4,850 lbs (2,220kg), the pedestal can be left on the tower.

Only Putzmeister gives you the flexibility to install the Series II kit on your initial boom pump order, or add at a later date. The Series II kit is adaptable to most Putzmeister pumps manufactured after 1985.

Move the Boom in **FOUR EASY STEPS**

Step 1:  
Hydraulic Quick Disconnect



Step 2:  
Detach boom and lift



Step 3:  
Fly boom from truck to tower

Step 4:  
Position, pin and pump

## Pin Connect



Four heavy-duty pins in the pin system permit faster and easier connections when installing or raising the placing boom tower. The pin system gives you the flexibility to choose between a variety of mounting and climbing configurations.





### Freestanding

Only Putzmeister reaches up to 80 ft. (24m) freestanding heights without counterweight.



### Clamp Down Mounting Base

Clamps down to an existing structure or form framework. Used with or without a tower.

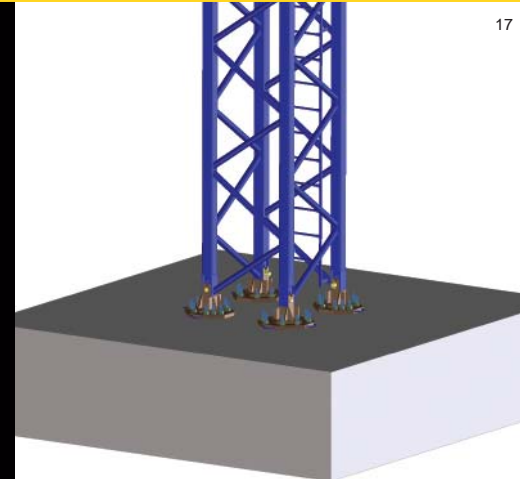
### Inside Climbing

Supported by the building, the unit easily climbs via crane.



### Foundation Base Plate

Convenient floor support plates for use with an existing concrete slab.



### Hydraulic Climbing

The unit can climb without a crane using two lift cylinders and the pedestal's hydraulics.



### Ballasted Base

An optional kit is available for freestanding applications without a foundation.



### Adjustable Wall Bracket

Specially engineered, the wall bracket does not anchor to the forming system, avoiding form vibration.

### Universal Tie Frame

The Universal Tie Frame, sometimes referred to as Outside Tie-In, secures the tower inside or outside the structure.



# Mounting and Climbing VERSATILITY

Years of experience in designing placing systems for countless applications have resulted in Putzmeister's ability to offer an extremely efficient placing boom tower and the widest variety of mounting and climbing configurations.

Whatever your needs, Putzmeister has a system to meet your site's unique requirements.

#### Mounting

- Freestanding
- Foundation Base Plate
- Ballasted Base
- Clamp Down Mounting Base
- Adjustable Wall Bracket

#### Climbing

- Inside Climbing
- Hydraulic Climbing
- Universal Tie Frame