



Putzmeister



Batching Plant MT - 1.0

Mixing Technology at its best

Versatile mixing options for every job site

The MT – 1.0 has been engineered to meet the requirements of commercial RMCs, real estate and infrastructure projects. Putzmeister uses the best of German

engineering to design and manufacture batching plants that meet the requirements of global construction industry in this category. Available in the widest range of

variants in this category of batching plants, the MT – 1.0 offers high productivity, high tech operation, ease of maintenance and a clean and safe working environment.



MT 1.0 Key Benefits

4 Options For Every Type of Job Site

- Plant is configurable to meet any jobsite requirement
- Choice of different aggregate storage types

High Productivity In Lesser Time

- Consistent homogenous mixture with every batch
- Easy drive through, transit mixers don't have to drive in reverse
- Faster installation because of modular design
- Easy to dismantle and transport to other jobsites

High Tech Operation

- Fastest maximum mix quality with Twin Shaft mixer
- Automated central lubrication system ensure smooth running of mixer
- Top weighing system for cement, water, and fly-ash ensures accuracy at all time
- System generated reports

Easy Maintenance and Safe Working Environment

- Preventive maintenance and interlocks in control system
- Maintenance platforms with easy access to mixer, weighing systems and all other equipment
- Hood for inclined belt conveyor for cleaner aggregate movement

MT - 1.0 Variants



MT 1.0 SKIP & INLINE BINS



MT 1.0 SKIP & COMPARTMENT BINS



MT 1.0 INCLINED BELT CONVEYOR & INLINE BINS



MT 1.0 INCLINED BELT CONVEYOR & COMPARTMENT BINS

Comprehensive Turnkey Solutions

- Skid for mobile application (no foundation required)
- Automatic calibration system for cement and water weigher
- Cement/ Fly-ash/ Micro silica silo and its accessories
- Screw conveyor for Cement/ Fly-ash/ Micro silica
- Micro silica/ Ice feeding system
- Bulker unloading/ Dual feeding system
- Aggregate feeding conveyor
- Ice plant/ Water chiller
- Weigh bridge



Technical data of Putzmeister MT - 1.0

Description	MT - 1.0		Skip & Inline Bins	Skip & Compartment Bins	Inclined Belt Conveyor & Inline Bins	Inclined Belt Conveyor & Compartment Bins
General	Plant capacity	m³/h	60*	60*	60*	60*
	Space required (L x W)	m	24 × 8 [#]	16 × 8 [#]	39 × 8 [#]	27 × 8 [#]
	Plant height (w/o silo)	m	10.75	10.75	10.75	10.75
	Concrete discharge height	m	4.1	4.1	4.1	4.1
	Operating voltage/ Frequency	V/Hz	415 V / 50 Hz	415 V / 50 Hz	415 V / 50 Hz	415 V / 50 Hz
Mixing module	Mixer	Type	Twin Shaft TS 1.0	Twin Shaft TS 1.0	Twin Shaft TS 1.0	Twin Shaft TS 1.0
	Input power	kW	18.5 x 2	18.5 x 2	18.5 x 2	18.5 x 2
	Dry filling	m³	1.5	1.5	1.5	1.5
	Compacted concrete	m³	1.0	1.0	1.0	1.0
Weighing system	Cement	kg	600	600	600	600
	Water	kg	250	250	250	250
	Additive	kg	15	15	15	15
Compressor	Max. pressure	bar	9	9	9	9
	Pressure tank volume	l	310	310	310	310
Aggregate Storage	No. of compartment (std.)	Qty	4	4	4	4
	Total capacity (std.)	m³	50/70**	40	50/70**	40
	Batching gate per compartment	Qty	1/2***	1	1/2***	1
	Filling width per compartment	m	3.15	2.7	3.15	2.7
	Filling height	m	4.5	5.1	4.5	5.1
Control system	Automatic Batch Control	Type	PC / Software	PC / Software	PC / Software	PC / Software

** Plant capacity based on mixing time of 30 sec. and recipe considering 2,000 kg aggregates, 300 kg cement, water to cement ratio of 0.5.

** Each compartment capacity can be increased to the given value

*** Batching gate can be increased to 2 nos

Without Silos and Aggregate feeding arrangement.

High Tech Features

Fastest Maximum Mix Quality

The Twin-shaft mixer offers a consistent homogenous mixture of every batch in a shorter mixing cycle. Its robust design ensures smooth operations in even the toughest conditions. A central lubrication system that injects grease at regular intervals to shaft seals of mixer ensures smooth running at all times.



Fully automated operations

- Computerized Supervisory Control and Data Acquisition (SCADA) system with process visualization
- Management Information System (MIS) reports for production and current status
- Digital weight display with automatic batching functions and interface for PLC
- Recipe management system

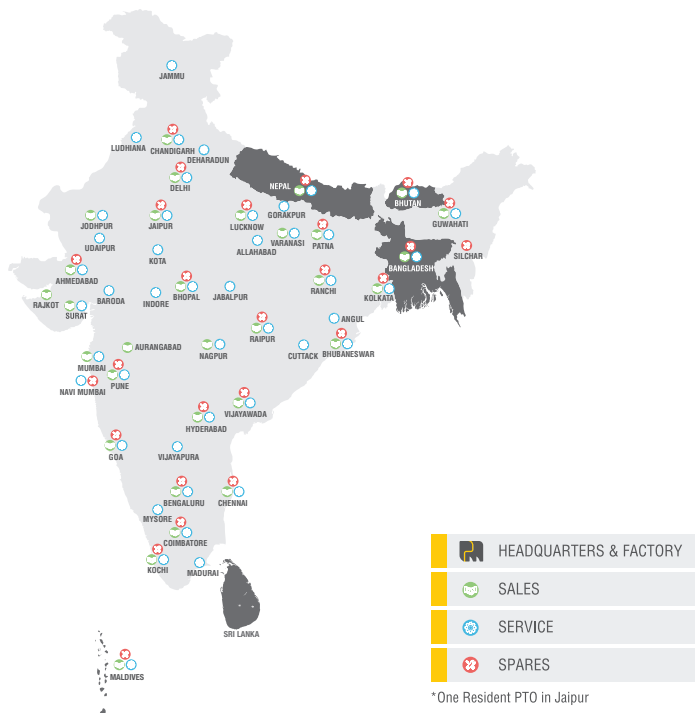
Putzmeister Concrete Solutions

#PMKnows

Putzmeister is a world leading solution provider for pumping, mixing and placing concrete, mortar and industrial solids. For over 60 years Putzmeister Concrete Solutions have been utilized by construction, infrastructure, mining, energy and environment sectors in a wide range of environments and application conditions all over the world. Whatever the construction challenge, Putzmeister has the experience and know-how to provide you with the right equipment, application support and guidance, service, training and spare parts. When you invest in Putzmeister, you don't just get concrete equipment – you get an integrated solution to help you make the most out of your investment and improve your profitability.

#PMCares

After Sales & Parts Service - India
Operation & SAARC Countries



Putzmeister Concrete Equipment Range



TRUCK MIXER
6, 7, 8 and 10 m³



STATIONARY PUMP
20 – 100 m³/hr



PLACING BOOM
28, 32 and 35



MOBILE LINE PUMP
40 – 70 m³/hr



TRUCK MOUNTED PUMP
Horizontal Reach: 31.4 – 37.6 m
Vertical Reach: 35.6 – 41.6 m



TELEBELT
Horizontal Reach: 31.8 – 61 m
Vertical Reach: 16.78 – 34.70 m



GYPSUM PLASTERING
2000 - 3000 sq.ft / day
Hor: 30 m or Ver: 15 m



SAND-CEMENT PLASTERING/GROUTING
2500 - 3500 sq.ft / day
Hor: 25-70 m or Ver: 20-50 m



SHOTCRETE EQUIPMENT
4 – 30 m³/hr
Horizontal Reach: 7 - 15 m
Vertical Reach: 7.5 - 17 m

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