



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 job site 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 job sites

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

High Tech Features

Fastest maximum mix quality

The Twin-shaft mixer offers a consistent homogenous mixture of every batch in a shorter mixing cycle. It's 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 time.



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

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	m ³ /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	37	37	37	37
	Dry filling	m ³	1.5	1.5	1.5	1.5
	Compacted concrete	m ³	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
	Capacity of each compartment	m ³	10/15**	12.5	10/15**	12.5
	Total capacity (std.)	m ³	40/60**	50	40/60**	50
	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 no's

Without silos and aggregate feeding arrangement

Putzmeister Concrete Solutions

#PMKnows

Putzmeister is a worldwide leading solution provider for pumping, mixing and placing concrete, mortar and industrial solids. For over 60 years Putzmeister Concrete Solutions have been utilised 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.

Putzmeister Batching Plant Solutions

- Project planning
- Financing support if needed
- Plant customization (where required)
- Plant erection and commissioning
- Onsite training
- Operation management
- 24x7 service
- Genuine parts

Putzmeister Concrete Equipment Range



TRUCK MIXER



TELEBELT



MOBILE LINE PUMP



TRUCK-MOUNTED CONCRETE PUMP



STATIONARY CONCRETE PUMP



STATIONARY PLACING BOOM

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