



Putzmeister



Batching Plant MT 0.5

Mixing Technology redefined

More mixing options in a compact size

The MT 0.5 is the perfect choice for start up RMCs, construction projects or any jobsite where there are space constraints. 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 5 variants, the MT 0.5 is compact, mobile, offers efficient operation, safety and is easy to maintain.

Putzmeister's new MT 0.5 in this batching plant range is equipped with a robust twin-shaft mixer and an efficient inclined belt conveyor which is used to weigh as well as transfer aggregates.



MT 0.5 Key Benefits

5 options to meet every need

- Plant is configurable to meet any job site requirement
- Choice of mixers – Pan mixer and twin-shaft mixer
- Choice of different aggregate storage types

Smaller footprint, mobile

- Compact design of plant requires less space at jobsite
- When using skid (optional) no concrete foundation is required
- Easy to transport to other job sites

Efficient and safe operation

- Consistent homogenous mixture with every batch
- Automation ensures higher degree of accuracy in operations
- System generated reports
- Easy drive through, transit mixers don't have to drive in reverse

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

High Tech Features

A choice of best in class mixers

The Putzmeister MT 0.5 now comes with two options of mixers – pan mixer and twin-shaft mixer.

The pan mixer is supplied by PEMAT, one of the most renowned German companies in this field. Extensive mixing action is achieved using a single main drive motor and a power transmission system that smoothly delivers maximum power to the mixing tools and high rotar blades with the highest efficiency and economy available in the market.

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 time.



Comprehensive turnkey solutions

- Skid for mobile application (no foundation required)
- 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



MT – 0.5 variants

Technical data of Putzmeister MT 0.5



MT 0.5 SKIP & COMPARTMENT BINS WITH PAN MIXER



MT 0.5 SKIP & INLINE BINS WITH PAN MIXER



MT 0.5 INCLINED BELT CONVEYOR & COMPARTMENT BINS WITH TWIN-SHAFT MIXER



MT 0.5 SKIP & COMPARTMENT BINS WITH TWIN-SHAFT MIXER



MT 0.5 SKIP & INLINE BINS WITH TWIN-SHAFT MIXER

Fully automated operations

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



Description	MT 0.5		Pan Mixer Skip & Compartment Bins	Pan Mixer Skip & Inline Bins	Inclined Belt Conveyor & Compartment Bins	TS Mixer Skip & Compartment Bins	TS Mixer Skip & Inline Bins
General	Plant capacity	m³/h	30*	30*	30*	30*	30*
	Space required (L x W)	m	8 x 5#	25 x 5#	13 x 5#	18 x 5#	25 x 5#
	Plant height (w/o silo)	m	8.5	8.5	8.4	8.5	8.5
	Concrete discharge height	m	4.1	4.1	4.0	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	415 V / 50 Hz
Mixing module	Mixer	Type	Pan Mixer PM 0.5	Pan Mixer PM 0.5	Twin Shaft TS 0.5	Twin Shaft TS 0.5	Twin Shaft TS 0.5
	Input power	kW	22	22	18.5	18.5	18.5
	Dry filling	m³	0.75	0.75	0.75	0.75	0.75
	Compacted concrete	m³	0.5	0.5	0.5	0.5	0.5
Weighing system	Cement	kg	300	300	300	300	300
	Water	kg	150	150	150	150	150
	Additive	kg	6	6	6	6	6
Compressor	Max. pressure	bar	9	9	9	9	9
	Pressure tank volume	l	160	160	160	160	160
Aggregate storage	No. of compartment (Std.)	Qty	4	4	4	4	4
	Capacity of each compartment	m³	5	5	5	5	5
	Total capacity (Std.)	m³	20	20	20	20	20
	Batching gate per compartment	Qty	1	1	1	1	1
	Filling width per compartment	m	2.7	2.75	2.7	2.7	2.75
	Filling height	m	3.95	3.65	4.7	3.8	3.5
Control system	Automatic batch control	Type	PC / Software	PC / Software	PC / Software	PC / Software	PC / Software

* Plant capacity based on mixing time of 30 sec. and recipe considering 1,000 kg aggregates, 150 kg cement, water to cement ratio of 0.5.
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 spares

Putzmeister Concrete Equipment Range



TRUCK MIXER



TELEBELT



MOBILE LINE PUMP



TRUCK-MOUNTED CONCRETE PUMP



STATIONARY CONCRETE PUMP



STATIONARY PLACING BOOM

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