



Batching Plants MT 1.5 | 2.0 | 3.0

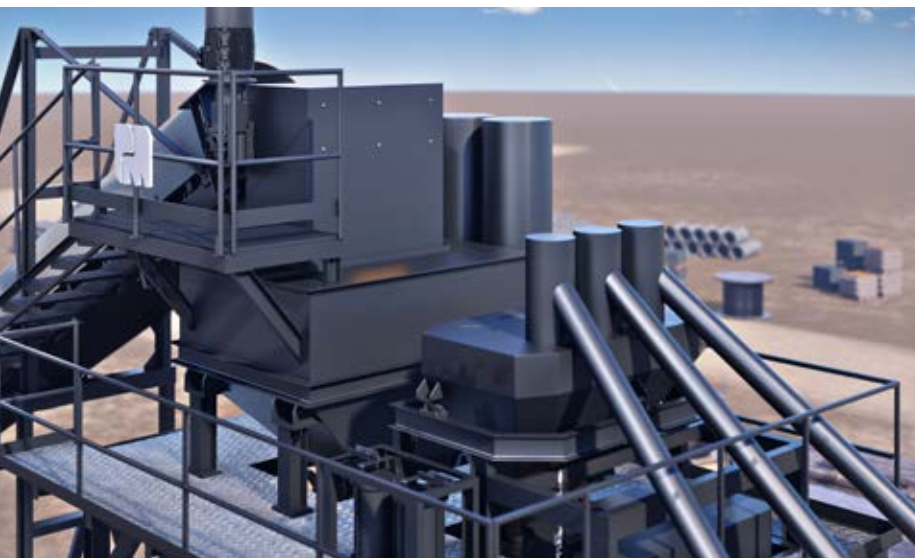
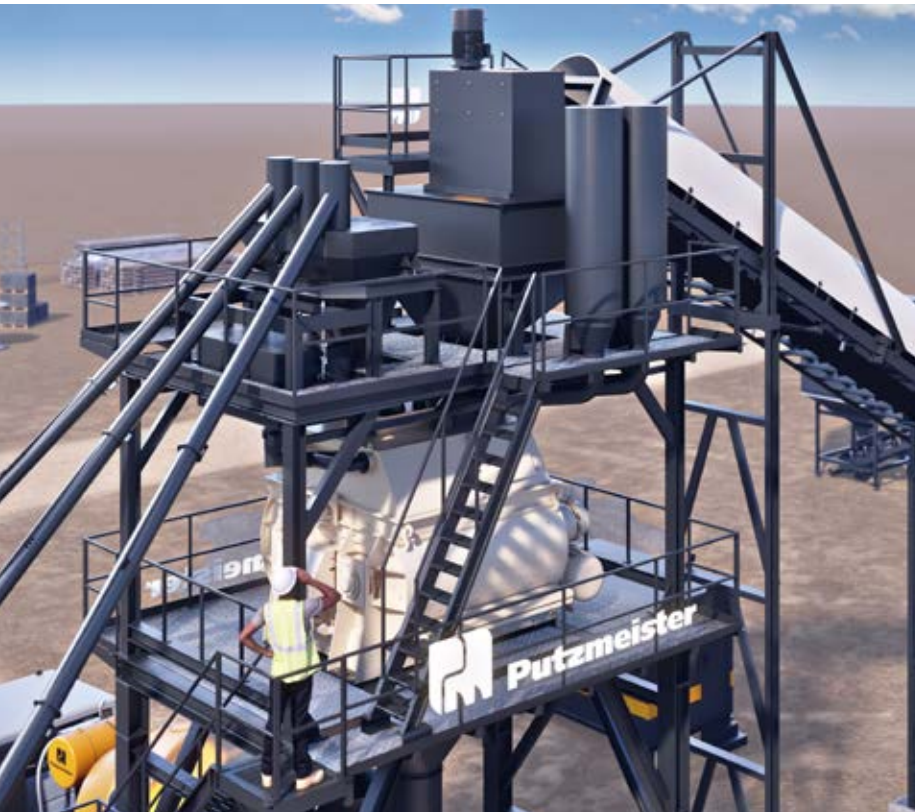
Bigger and Better Mixing Technology

Engineered for Mass Concreting

Road construction, Dams and Reservoir construction,
High rise buildings, Metro Rail construction

Putzmeister's High-Capacity Batching Plants are engineered to handle mass concreting requirements for large infrastructure and building projects, their robust and modular plant design can be suited to meet any individual requirements for different job site applications.

This range of Batching Plants is packed with features allowing for high volume productivity, ease in operations, and maintenance, within a clean and safe working environment. The efficient and reliable twin-shaft mixer installed in these plants makes them the perfect machines for any mass concreting application.



Key Benefits

High productivity in lesser time

- Higher plant output with a robust Twin shaft mixer
- Consistent homogenous mixture with every batch
- Higher output with intermediate aggregate hopper for storage
- Easy drive through so truck mixers don't need to drive in reverse mode
- Faster installation and dismantling because of a modular design

Easy and efficient operations

- Robust structure that can be easily moved from one location to the next
- Top weighing system for cement, water, and additives ensures accuracy at all times
- Flexibility to increase or decrease the number of aggregate compartments
- Lower operating cost in the long run
- Reduced manpower engagement

Hassle-free maintenance

- Central lubrication system injects grease at regular intervals for smooth running of mixer
- Highly wear resistant plates in the mixer suitable for production of different types of concrete
- Easily accessible for maintenance
- Fully computerized software with preventive maintenance schedule and interlocks
- System generated calibration chart

Clean and Safe working environment

- Separate operation and maintenance platforms in the plant module as well for the inclined belt conveyor
- Airbag for deaeration of the mixer
- Hood for inclined belt conveyor belt for cleaner aggregate movement
- Safety pull chord switch belt

Technical Specifications

Description			MT 1.5 Inclined Belt Conveyor & Inline Bins	MT 2.0 Inclined Belt Conveyor & Inline Bins	MT 3.0 Inclined Belt Conveyor & Inline Bins
General	Plant capacity	m³/h	75*	90*	120*
	Space required**	m	45 x 8	45 x 8	45 x 8
	Plant height (W/O silo)	m	13	13	13
	Concrete discharge height	m	4.2	4.2	4.1
	Operating voltage/frequency	V / Hz	415 / 50	415 / 50	415 / 50
Mixing module	Mixer	Type	Twin shaft TS 1.5	Twin shaft TS 2.0	Twin shaft TS 3.0
	Input power	kW	30 x 2	37 x 2	55 x 2
	Dry filling	m³	2.25	3	4.5
	Compacted concrete	m³	1.5	2.0	3.0
Weighing system	Cement	kg	1500	1500	1500
	Water	kg	500	500	1000
	Additive	kg	2 x 50	2 x 50	2 x 30
Inclined belt conveyor			Available	Available	Available
Waiting hopper			Available	Available	Available
Compressor	Max. pressure	bar	10	10	10
	Pressure tank volume	litre	500	500	500
Aggregate storage and conveying	No. of compartment	Qty	4	4	4
	Capacity of each compartment	m³	17	25	30
	Total capacity	m³	68	100	120
	Batching gate per compartment	Qty	2	2	2
	Filling width per compartment	m	3.5	3.5	3.5
	Filling height	m	5.3	5.7	5.0
Control system	Automatic Batch Control	Type	PC/Software	PC/Software	PC/Software

* Plant capacity based on mixing time 30 sec, 1 m³ of concrete recipe considering, 2000 kg aggregates, 300 kg cement and water cement ratio 0.5

** Space required without silos, cabin and aggregate feeding arrangement





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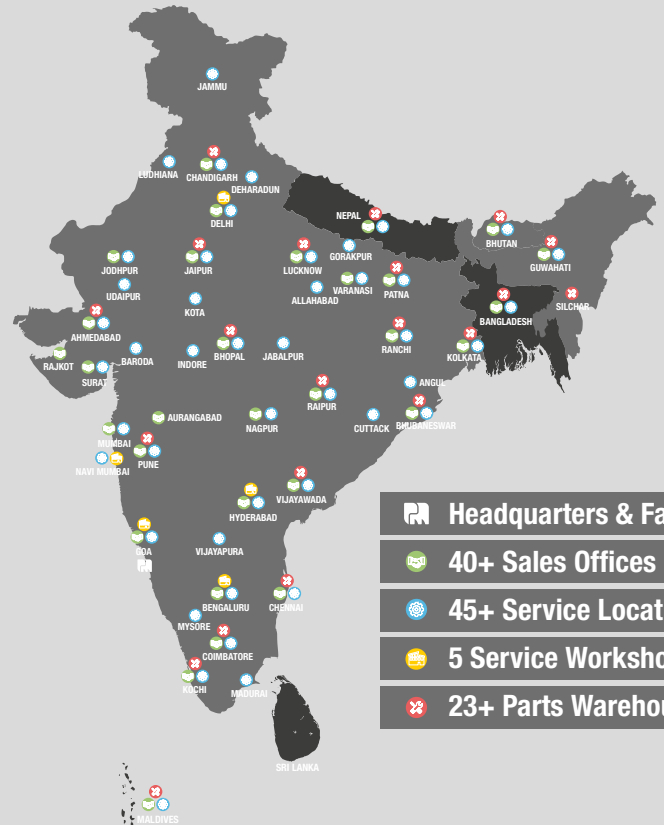
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