

Mini Batching Plant Series
CP18/M25Z/M30Z/M45Z



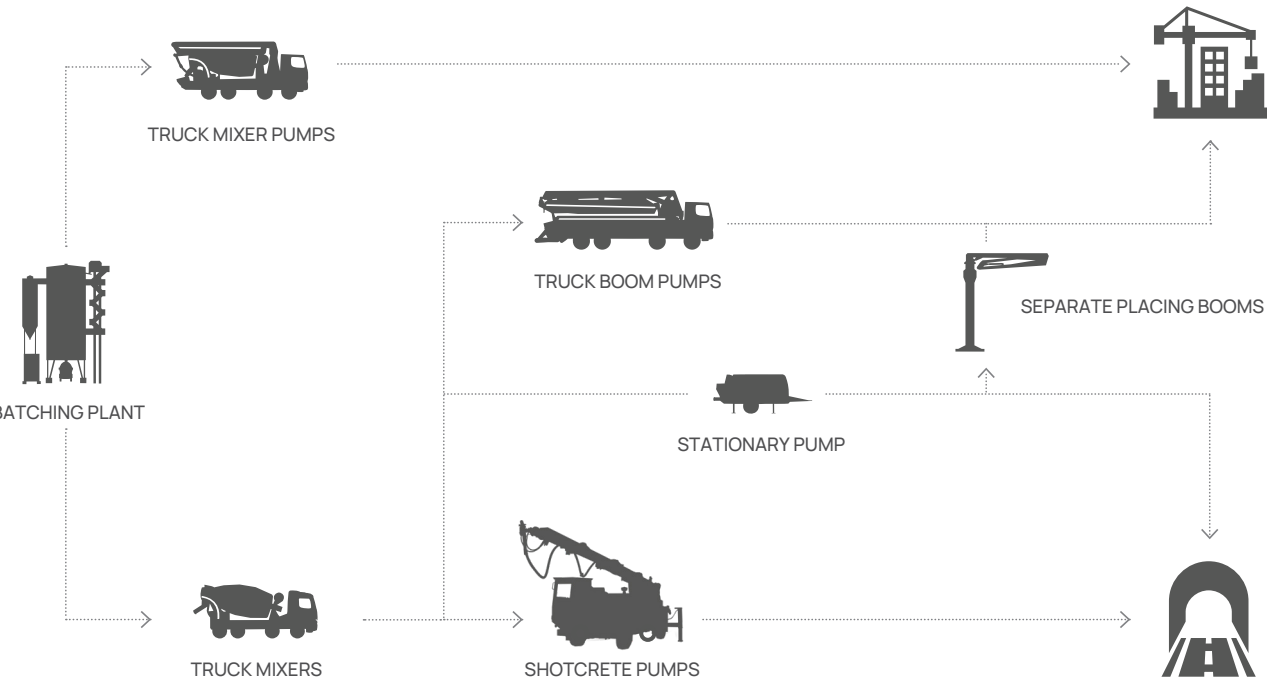
01 Who We Are

SCHWING Stetter – Engineering the Future of Construction

For over 25 years, SCHWING Stetter India has been at the forefront of concrete and construction solutions, revolutionizing the industry with precision, efficiency, and innovation. As a proud subsidiary of the globally renowned SCHWING Group, we have played a pivotal role in shaping India's infrastructure—from highways and metro projects to commercial high-rises and industrial structures.

With five world-class manufacturing facilities, an extensive sales and service network, and a commitment to cutting-edge technology, we provide end-to-end concrete and construction solutions that power the nation's growth.

we specialize in cutting-edge batching, mixing, pumping, and recycling solutions, ensuring efficiency, reliability, and sustainability in every project.



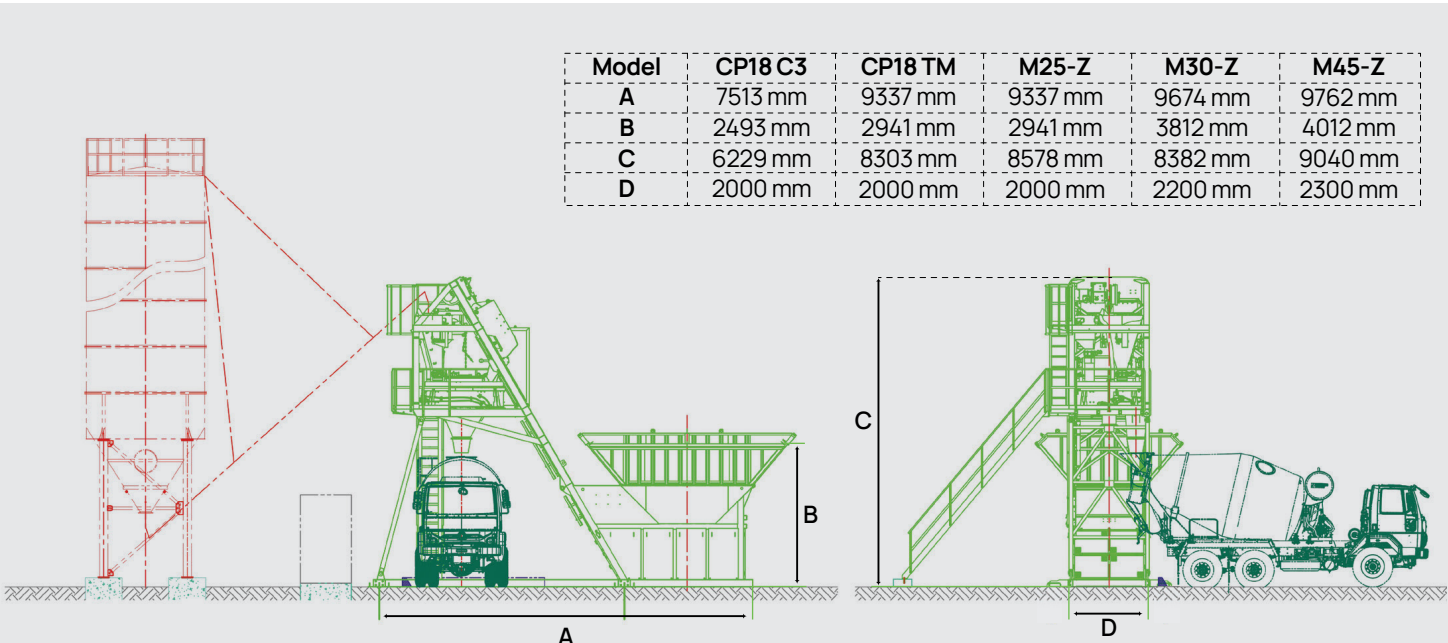
02 Mobile Batching Plant

Pre-Assembled for Faster Setup & Maximum Mobility

SCHWING Stetter's Mobile Batching Plants are designed for quick deployment, easy relocation, and high efficiency. With a pre-assembled structure and minimal foundation requirements, these plants ensure fast installation, reduced downtime, and smooth operations on any job site.

Key Features

- Plug & Play Installation – No extensive foundation required, ready to operate in days.
- Easy for Transportation – Compact design ensures effortless shifting between sites.
- Quick Erection & Dismantling – Simple setup for minimal downtime.
- High Mobility – Perfect for projects requiring frequent relocation.
- Minimal Foundation Required – Saves time and reduces civil work costs.
- Compact Space Required – Optimized layout for urban & confined construction sites.



03 Skip Technology

Compact, Efficient, and Built for Precision

SCHWING Stetter's Skip Technology is designed for high-precision material handling, ensuring optimized batching performance with minimal space requirements. Unlike conveyor systems, the skip hoist mechanism enables a controlled, skip lifting process, delivering materials directly into the mixer with zero material spillage and minimal energy consumption.

Key Benefits of Skip Technology

- Easy to Handle – Simple operation with smooth lifting and controlled discharge.
- Lowest Turnaround Time – Faster batching cycles for higher productivity.
- Zero Spillage – Controlled weighing and transfer eliminate material loss.
- Compact skip Lifting – Space-saving design ideal for tight job sites.
- High Durability – Rugged construction ensures long-term reliability.

Smart Engineering for Faster & Smarter Batching

With SCHWING Stetter Skip Technology, experience optimized performance, reduced costs, and maximum efficiency in every batch.

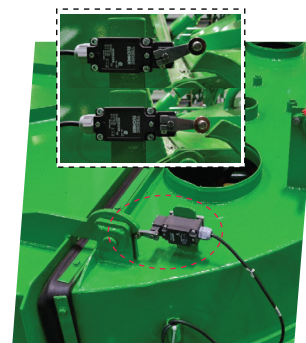


Safety

SCHWING Stetter batching plants prioritize operator safety with advanced protective measures from skip to mixer. Equipped with limit switches, emergency stop mechanisms, and an interlocked skip system, our plants ensure secure operations, preventing material spillage and accidental failures.

Key Safety Features

- Skip Safety – Enclosed skip track, secure wire rope, & proximity switch monitoring prevent derailment.
- Emergency Stop System – Integrated shutdown mechanism for instant response.
- Mixer Protection – Cover interlocks prevent operation when opened.
- Limit Switches – Installed at critical points for added security.
- Controlled Material Handling – Zero spillage with precise skip lifting.



04 Mixing Technology

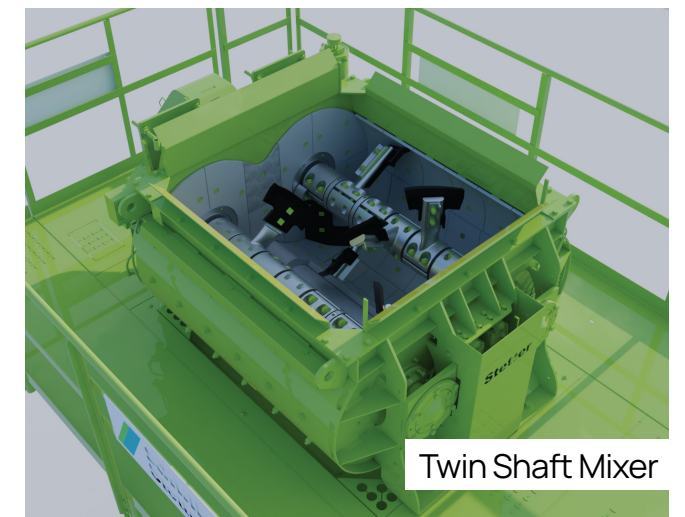
Precision Mixing for Consistent Concrete Quality

SCHWING Stetter's Mixing Technology is designed to ensure high-performance, homogeneous concrete production for every application. With decades of expertise, our mixers are engineered for efficiency, durability, and reduced material wastage. Whether for RMC, infrastructure projects, or high-strength concrete applications, our mixers guarantee faster cycle times and superior mix consistency.



Turbo Pan Mixer – Efficient & Easy to Maintain

- 70% lid opening for easy maintenance & cleaning.
- Minimum wear parts, reducing downtime & maintenance costs.
- Perfect for everyday concrete with consistent quality.
- Maximized efficiency for energy-saving operations.



Twin-Shaft Mixer – High-Performance for Heavy-Duty Applications

- Suitable for concrete mixes with larger aggregate sizes.
- Optimized for large concrete volumes, ensuring continuous high-output.
- Low wear & tear, designed for extended service life even with additional binders.



More Efficient. More Reliable. Higher Performance.

Weighing System

- Load cell-based weighing system for accurate aggregate, cement & water dosing.
- Automated calibration system ensures consistent concrete quality.
- Optional Ice Weigher & Additive Weighing Systems for specialized applications.

Skip Bucket Feeding

- Skip lifting mechanism ensures a compact footprint & smooth material flow.
- Faster cycle times with no material spillage, optimizing efficiency.
- Low maintenance design with reduced wear & high durability.

Aggregate Storage

- Heavy-duty compartment bins for efficient aggregate storage & flow.
- Optimized material distribution reduces segregation and ensures accurate batching.
- Robust steel construction ensures long-term durability with minimal maintenance.

Cement Storage & Handling

- Supports up to 3 cement silos for continuous operation.*
- Screw conveyor system ensures controlled and dust-free material flow.
- Dust filtration system for a cleaner working environment.

*For CP18 and M25Z maximum 2 silos only possible.

Stetter Mixer Technology

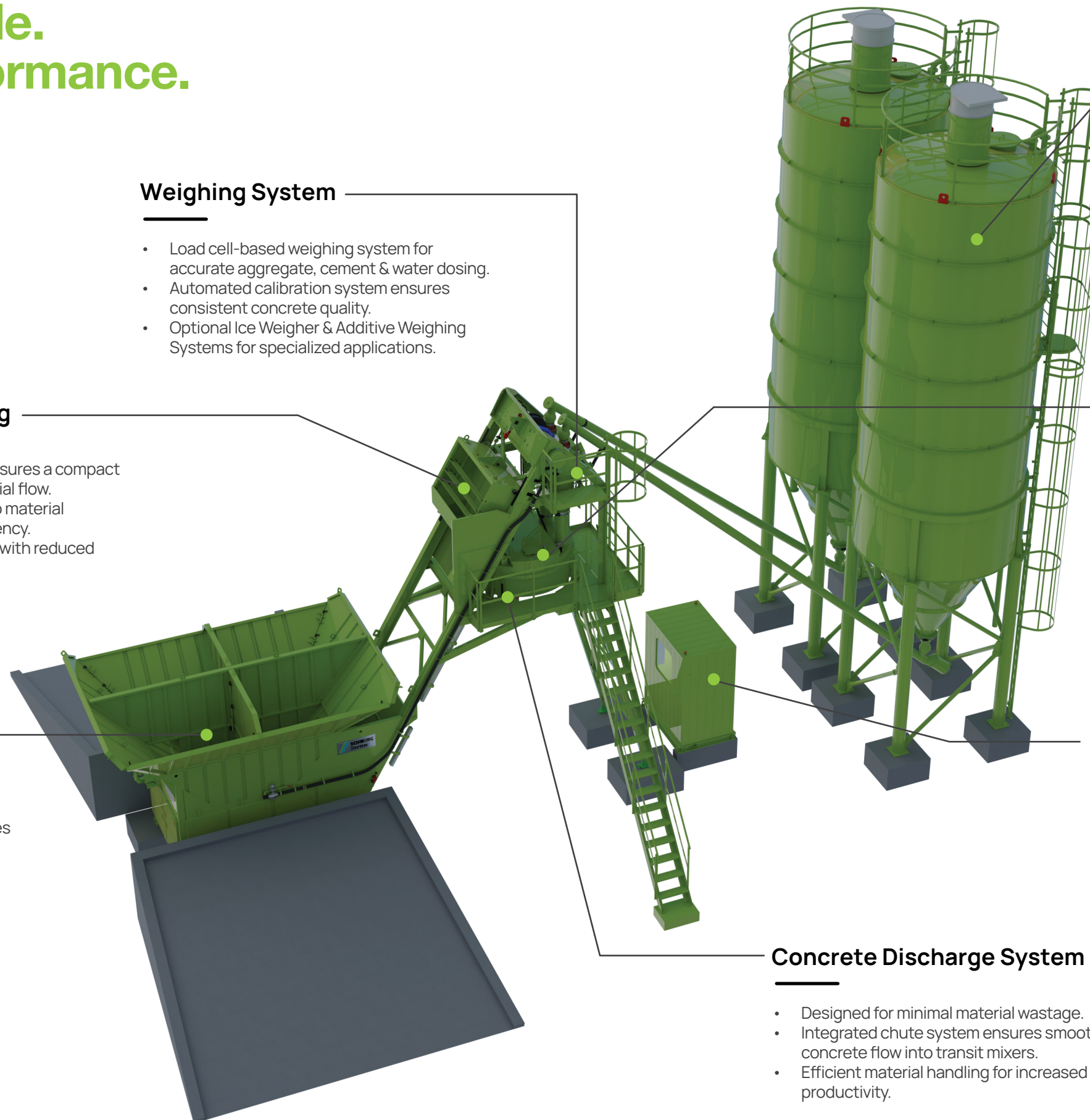
- High-performance Pan Mixers for homogeneous concrete mixing & optimized cement utilization.
- Optimized mixing arm & blade design for faster mixing cycles.
- Automatic cleaning system for low maintenance and extended lifespan.

Advanced Control & Automation

- WERT100 & ZIEL Control Systems for seamless automated operations.
- SCADA compatibility for real-time monitoring & efficiency optimization.
- User-friendly HMI touchscreen ensures easy operation & data tracking.

Concrete Discharge System

- Designed for minimal material wastage.
- Integrated chute system ensures smooth concrete flow into transit mixers.
- Efficient material handling for increased productivity.





05 Product Portfolio



CP18C3/CP18-TM - Max Output 18 m³/h

Mixer Type	Turbo Pan Mixer
Mixer Power (kW)	15
Discharge Height (m)	2.01 / 4.02
Control System	WERT 100
Weighing System	Aggregate, Cement, Water



M25-Z - Max Output 25 m³/h

Mixer Type	Turbo Pan Mixer
Mixer Power (kW)	18.5
Discharge Height (m)	4.02
Control System	WERT 100
Weighing System	Aggregate, Cement, Water



M30-Z - Max Output 30 m³/h

Mixer Type	Turbo Pan Mixer
Mixer Power (kW)	22
Discharge Height (m)	4.00
Control System	ZIEL
Weighing System	Aggregate, Cement, Water



M45-Z - Max Output 45 m³/h

Mixer Type	Pan Mixer
Mixer Power (kW)	30
Discharge Height (m)	4.00
Control System	ZIEL
Weighing System	Aggregate, Cement, Water

06 Advanced Control System

WERT100 & ZIEL – Intelligent Batching Automation

SCHWING Stetter's WERT100 & ZIEL Control Systems are designed for precision batching, seamless automation, and optimized production efficiency. With advanced PLC & HMI technology, SCADA-based monitoring, and IIoT-powered remote access, these systems digitize concrete production, ensuring higher accuracy, minimal wastage, and effortless operation.

Built for next-generation construction, WERT100 & ZIEL provide real-time monitoring, adaptive batching, and data-driven insights, allowing operators to maximize performance while reducing costs.

WERT100 – Smart Control for Compact Plants

(Applicable for CP18 C3, CP18 TM, M25Z)

- Omron PLC & HMI system for user-friendly operation.
- Graphical Plant View with real-time visualization.
- Supports up to 3 weighers & 3 cement screws for precision.
- Auto moisture correction ensures accurate batching.
- Stores up to 500 mix recipes for flexible production.
- Configurable skip runtime for optimized cycle times.
- Batch reports with start & end time, target vs actual accuracy.

ZIEL – High-Performance Control for Large Plants

(Applicable for M30Z, M45Z)

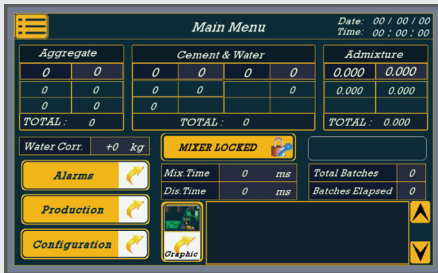
- B&R PLC & HMI system for advanced batching automation.
- Supports additional weighers & cement screws for dosing.
- Auto & Manual Calibration with moisture probe integration.
- Adaptive batch cycle control with up to 99 stored mix recipes.
- Configurable skip runtime for cycle time optimization.
- Real-time production tracking with batch reports & error analysis.

Optional Features:

- SCHWING i-Soft SCADA – SQL-based data storage, analytics & batch monitoring.
- SMS/Email Notifications – Instant alerts for batch status & maintenance.
- SCHWING Cloud Solutions (IIoT) – Remote machine monitoring & data access.
- SCHWING Voice Assist & Smart Keypad – Android-based remote operation.

Automated. Intelligent. Future-Ready.

HMI Main Screen



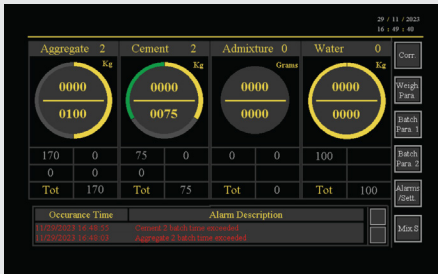
SCADA Main Screen (Graphical View)



SCADA Main Screen (Dial View)



HMI Main Screen



Wert 100 Panel Exterior



Ziel Panel Exterior



07 Technical Data Summary

Compact, Efficient, and Engineered for Performance

Parameter	Unit	CP18 C3/CP18TM	M25-Z	M30-Z	M45-Z
Concrete Output	m³/h	18	24.8	30	45
Mixer Type	-	Turbo Pan Mixer	Turbo Pan Mixer	Turbo Pan Mixer	Turbo Pan Mixer
Mixer Model	-	T300 / T350	T400	T500 Z	T750 Z
Mixer Power	kW	15	18.5	22	30
Compacted Concrete per Batch	m³	0.3 / 0.35	0.4	0.5	0.75
Dry Filling Capacity	m³	0.45 / 0.525	0.6	0.75	1.125
Max. Aggregate Size	mm	40	40	40	40
Concrete Discharge Height	m	2.01 / 4.02	4.02	4	4
Mixer Platform Height	m	2.72 / 4.73	4.76	4.81	4.81
Control System	-	WERT 100	WERT 100	ZIEL	ZIEL
Weighing System	-	Aggregate, Cement, Water, Additive			
Aggregate Storage Bins	No.	4	4	4	4
Aggregate Storage Bins Capacity (upto)	m³	6/16*	6/20*	18	20
Weighing Capacity - Aggregate	kg	750 / 875	1000	1250	1875
Weighing Capacity - Cement	kg	180 / 200	240	300	450
Weighing Capacity - Water	kg	90 / 100	120	150	225
Weighing Cells	pcs	6**	6**	10	10
Compressor Type	-	Reciprocating			
Compressor Pressure	bar	9	9	9	9
Operating Voltage	V	415	415	415	415
Power Supply Frequency	Hz	50	50	50	50
DG Set Required	kV (A)	82.5	100	125	160
Transportation Dimensions (LxWxH)	mm	11150 x 2240 x 2990	11150 x 2240 x 2990	12170 x 2430 x 3160	12990 x 2520 x 3170

The DG set is considered only for standard reference purposes. The actual model should be consulted through the DG set supplier

*With an extension arrangement to be done at the site.

** Combined cement & Water weighing system with 2 common load cell.

General
Arrangement
Drawings



CP18 C3



CP18 TM



M 25 Z



M 30 Z



M 45 Z

Total Concreting Solution from SCHWING



For more complete information on SCHWING's products, services and industry solutions, visit us at www.schwingstetterindia.com
Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment.
See your SCHWING's Branch/dealer for available options



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