



# CONCRETE BATCHING PLANTS & STONE CRUSHERS

*Building dreams  
since 1997*



# MEGAMAK







# CONTENTS

1. ABOUT MEGAMAK
2. CONCRETE BATCHING PLANTS
  - *Stationary Concrete Batching Plants*
  - *Mobile Concrete Batching Plants*
  - *Compact Concrete Batching Plants*
  - *Automation*
3. CRUSHING AND SCREENING PLANTS
  - *Jaw Crushers*
  - *Impact Crushers Primary - Secondary*
  - *Tertiary Crushers*
4. SPARE PARTS
5. REFERENCES





# About Megamak

Investments made by MEGAMAK FOREIGN TRADE LIMITED COMPANY without sacrificing quality Thanks to this, it continues on its way by diversifying its production range day by day. MEGAMAK, 1997 IT WAS ESTABLISHED IN YEARS FOR PROJECT AND ENGINEERING PRODUCTION SERVICES SOLUTIONS. OUR COMPANY WITH MORE THAN 20 YEARS OF EXPERIENCE, OUR COMPANY IS VERY INTERESTED IN DOMESTIC AND INTERNATIONAL MARKETS. IT HAS REALIZED A NUMBER OF SUCCESSFUL PROJECTS AND THE LEADING MACHINERY AND HAS BEEN RELIABLE SUPPLIER TO CONSTRUCTION COMPANIES. The company's production program includes stone crushing, screening and washing plants, bulk material handling and stacking plants, screw conveyors, silos, crushers, mobile or fixed concrete batching plants, Bracket and spare parts and equipment, While serving with our experienced staff in export and sales marketing. Our main principle is SERVICE. WORKING WITHOUT COMPROMISE ON OUR QUALITY.

**OUR MISSION** Our after-sales services and product services to meet customer needs and expectations whenever they want. To provide full-fledged service with our range.

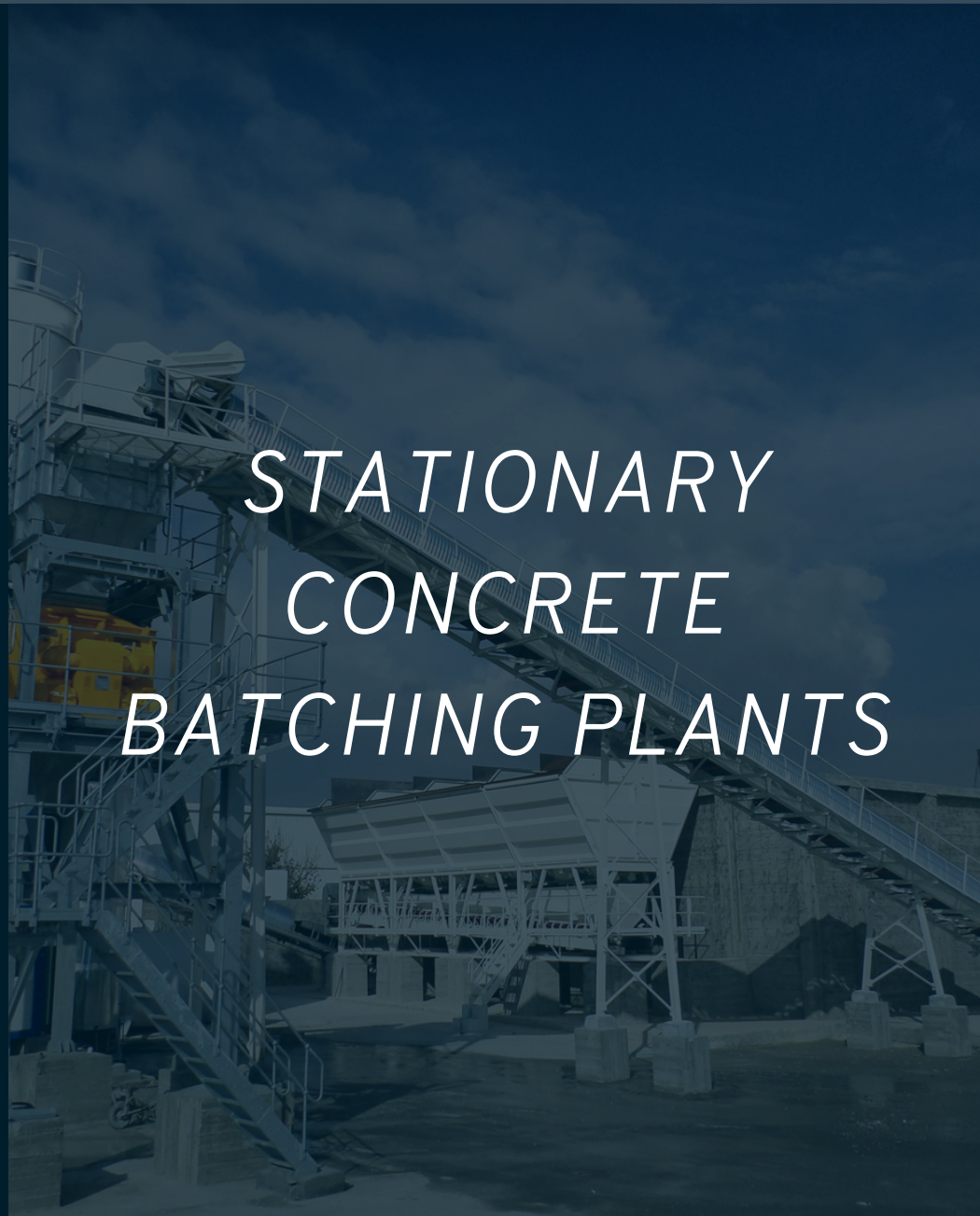
**OUR VISION** Being able to keep up with the changing structure of the sector and make our name heard in Europe





# CONCRETE BATCHING PLANTS

## PLANTS



*STATIONARY  
CONCRETE  
BATCHING PLANTS*



*MOBILE  
CONCRETE  
BATCHING PLANTS*



*COMPACT  
CONCRETE  
BATCHING PLANTS*



# Stationary Concrete Batching Plants



- High Efficient And Duplicate Production
- Easy Maintaince
- Suitable To Work Under Hard Conditions
- Transport with only 3 trucks.

Stationary Concrete Batching Plants, ready-mixed concrete production and concrete pouring at construction sites are preferred for very long. Capable of producing all kinds of concrete, stable and running smoothly, replacement parts-service trust that the superior quality of the first preference of the professional users. To perform the installation of the power plant land; customer needs, countries are projected based on the nature and conditions of the campus. Megamak Concrete Batching Plants protect the environment, offers the ability to use without harming the environment and the people.







# MEGAMIX ST100 TWIN/SNG STATIONARY CONCRETE BATCHING PLANT

The MEGAMIX ST100 TWIN/SNG Stationary Concrete Batching Plant offers exceptional high-efficiency and dual production capacity, making it ideal for large concrete output projects. Built to withstand the toughest working conditions, it ensures reliable performance and durability over extended use. Its design prioritizes ease of maintenance, minimizing downtime and enhancing operational efficiency. The plant is engineered for demanding environments, delivering consistent, high-quality concrete production, making it the perfect choice for projects requiring robust, stationary solutions.



- High Efficient and Duplicate Production
- Easy Maintaince
- Suitable to Work Under Hard Conditions
- Transport with Only 3 Trucks



# TECHNICAL PARAMETERS

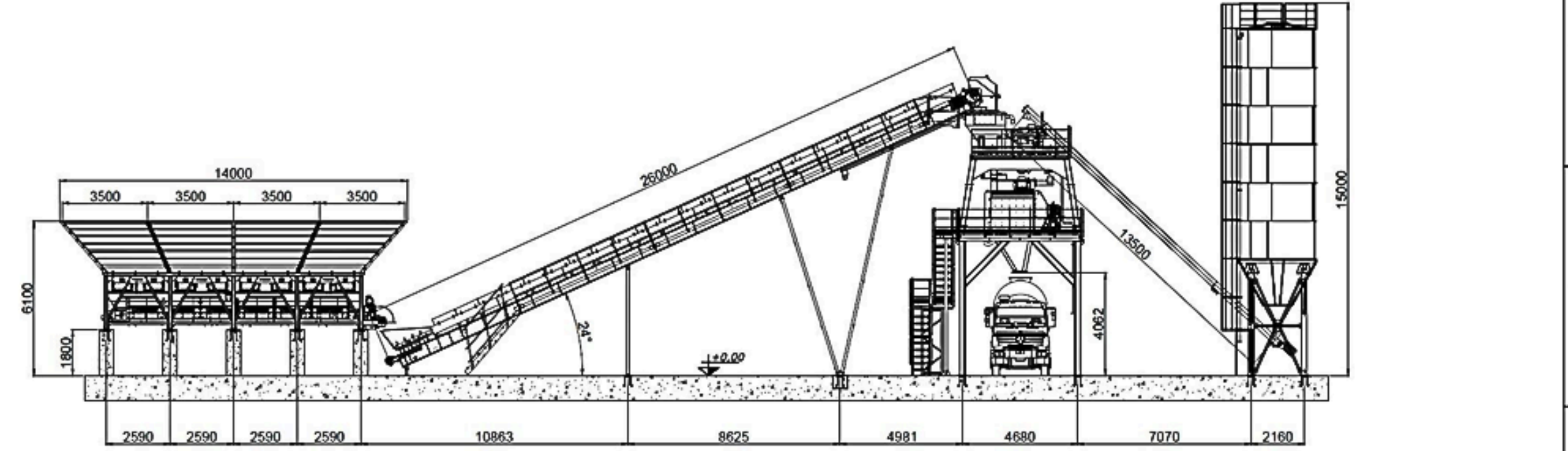
CATEGORY	SPECIFICATIONS
Plant Capacity	Compressed Concrete Capacity: 100 m <sup>3</sup> /h
Mixer Specifications	Mixer Type: Twin Shaft
	Dry Capacity: 3000 L
	Mixer Capacity: 2000 L
	Motor Power: 2 x 37 kW
Aggregate Bin	4 Compartments: 4 x 30 = 120 m <sup>3</sup>
	Grating on Bin
Aggregate Weighing Belt	Width: 1000 mm
	Length: 12360 mm
	Motor Power: 15 kW
	Load Cells: 4 x 5000 kg
Mixer Conveyor Belt	Width: 1000 mm
	Length: 24000 mm
	Motor Power: 30 kW

CATEGORY	SPECIFICATIONS
Cement, Water, Additive Scales	Aggregate Weighing: 6500 kg
	Cement Weighing: 1500 kg
	Water Weighing: 900 L
	Additive Weighing: 50 kg
Cement Silo	Capacity: 75-100-150-200-500 tons
	Number of Silos: 1, 2, 3, 4 units
Cement Silo Equipment	Screw Diameter: 273 mm
	Screw Length: 7000 mm
	Motor Power: 11 kW
	Silotop Filter
	Manual Valve
Air Compressor	Capacity: 700 L
	Working Pressure: 7-8 bar
	Motor Power: 7.5 kW

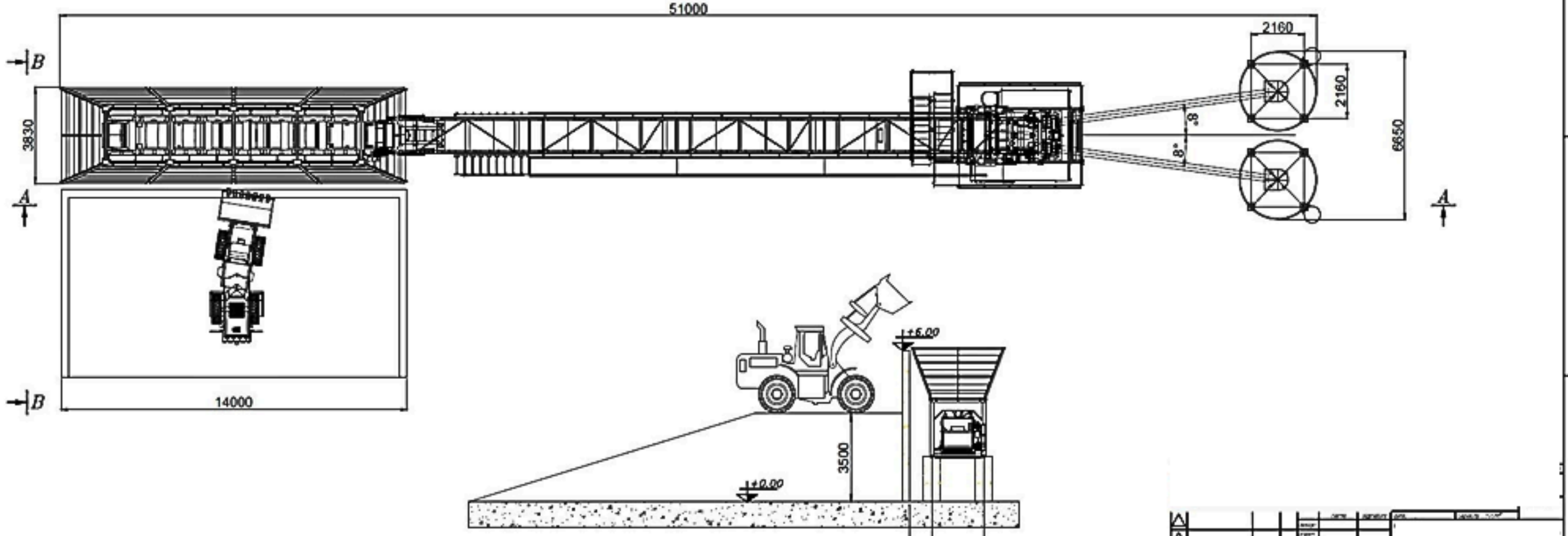


# TECHNICAL SKETCH

## MEGAMIX ST100 TWIN/SNG STATIONARY CONCRETE BATCHING PLANT



A-A SECTION



B-B SECTION





# MEGAMIX ST130 TWIN/SNG STATIONARY CONCRETE BATCHING PLANT

*The MEGAMIX ST130 TWIN/SNG Stationary Concrete Batching Plant is engineered for high-capacity, efficient production, ideal for projects with substantial concrete demands. With its durable construction, the ST130 excels in tough environments, providing reliable and consistent performance over long periods of use. The plant's design emphasizes easy maintenance, allowing for minimal operational interruptions and extended uptime. Offering superior concrete production and optimized performance, the ST130 is a powerful, stationary solution built for efficiency and durability in challenging conditions.*





# TECHNICAL PARAMETERS

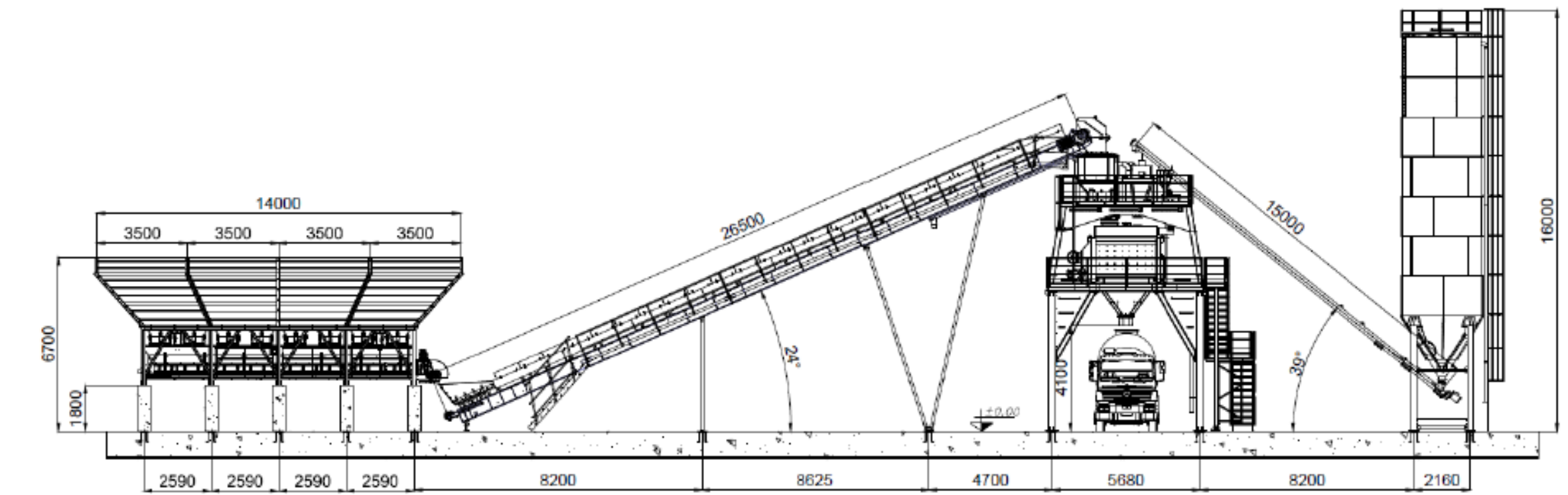
CATEGORY	SPECIFICATIONS
Plant Capacity	Compressed Concrete Capacity: 130 m <sup>3</sup> /h
Mixer Specifications	Mixer Type: Twin Shaft
	Dry Capacity: 4500 L
	Mixer Capacity: 3000 L
	Motor Power: 2 x 55 kW
Aggregate Bin	4 Compartments: 4 x 30 = 120 m <sup>3</sup>
	Grating on Bin
Aggregate Weighing Belt	Width: 1000 mm
	Length: 12360 mm
	Motor Power: 15 kW
	Load Cells: 4 x 5000 kg
Mixer Conveyor Belt	Width: 1000 mm
	Length: 24000 mm
	Motor Power: 30 kW

CATEGORY	SPECIFICATIONS
Cement, Water, Additive Scales	Aggregate Weighing: 6500 kg
	Cement Weighing: 2200 kg
	Water Weighing: 1300 L
	Additive Weighing: 50 kg
Cement Silo	Capacity: 75-100-150-200-500 tons
	Number of Silos: 1, 2, 3, 4 units
Cement Silo Equipment	Screw Diameter: 273 mm
	Screw Length: 7000 mm
	Motor Power: 11 kW
	Silotop Filter
	Manual Valve
Air Compressor	Capacity: 700 L
	Working Pressure: 7-8 bar
	Motor Power: 7.5 kW

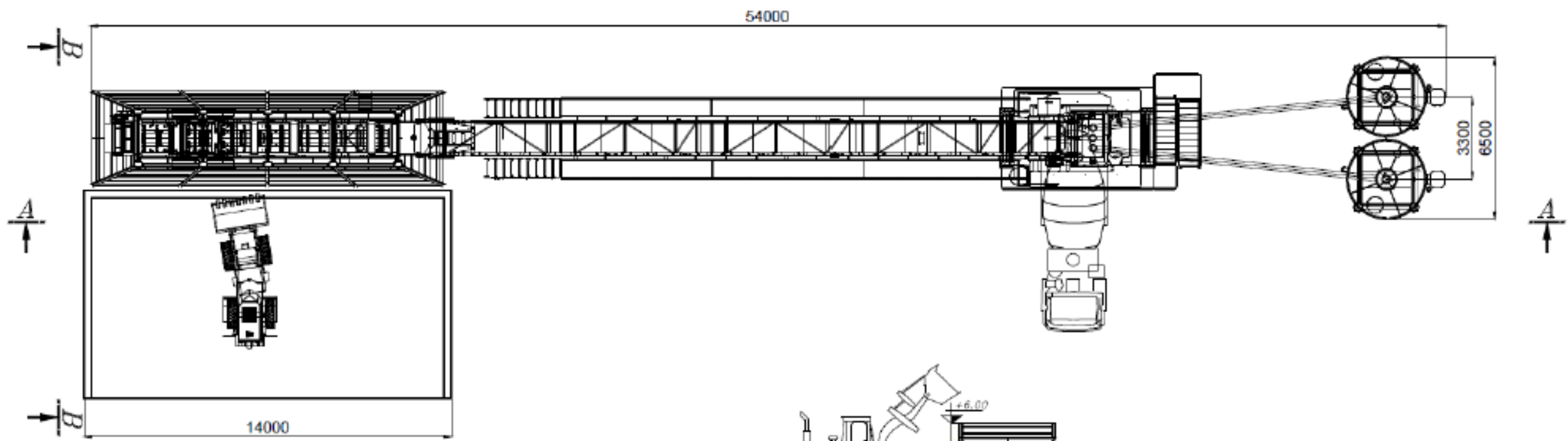


# TECHNICAL SKETCH

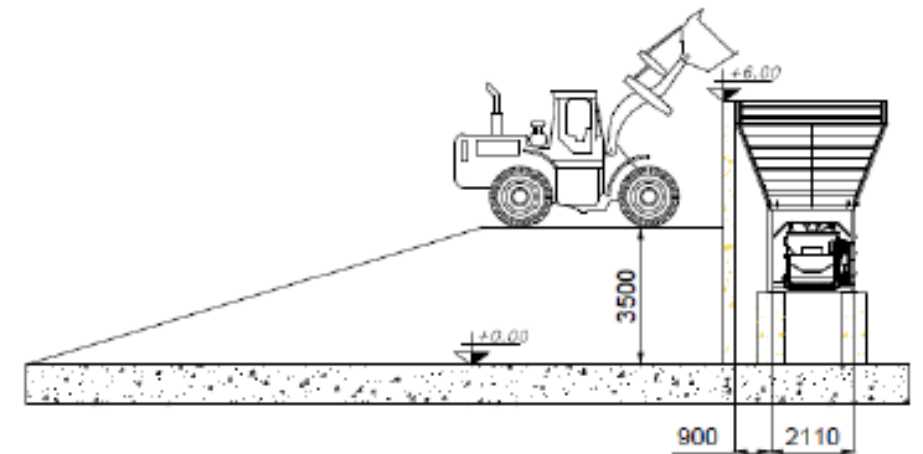
## MEGAMIX ST130 TWIN/SNG STATIONARY CONCRETE BATCHING PLANT



A-A SECTION



B-B SECTION







## MEGAMIX ST160 TWIN/SNG STATIONARY CONCRETE BATCHING PLANT

*The MEGAMIX ST160 TWIN/SNG Stationary Concrete Batching Plant is a powerhouse of concrete production, designed for maximum output and efficiency in large-scale projects. Its robust construction ensures reliable operation even in the most demanding environments. With a focus on durability and ease of maintenance, the ST160 minimizes downtime, ensuring consistent, high-quality concrete production. Built for high-performance under tough conditions, this plant delivers the efficiency and capacity needed for large projects, making it the ultimate stationary solution for concrete production at scale.*



# TECHNICAL PARAMETERS

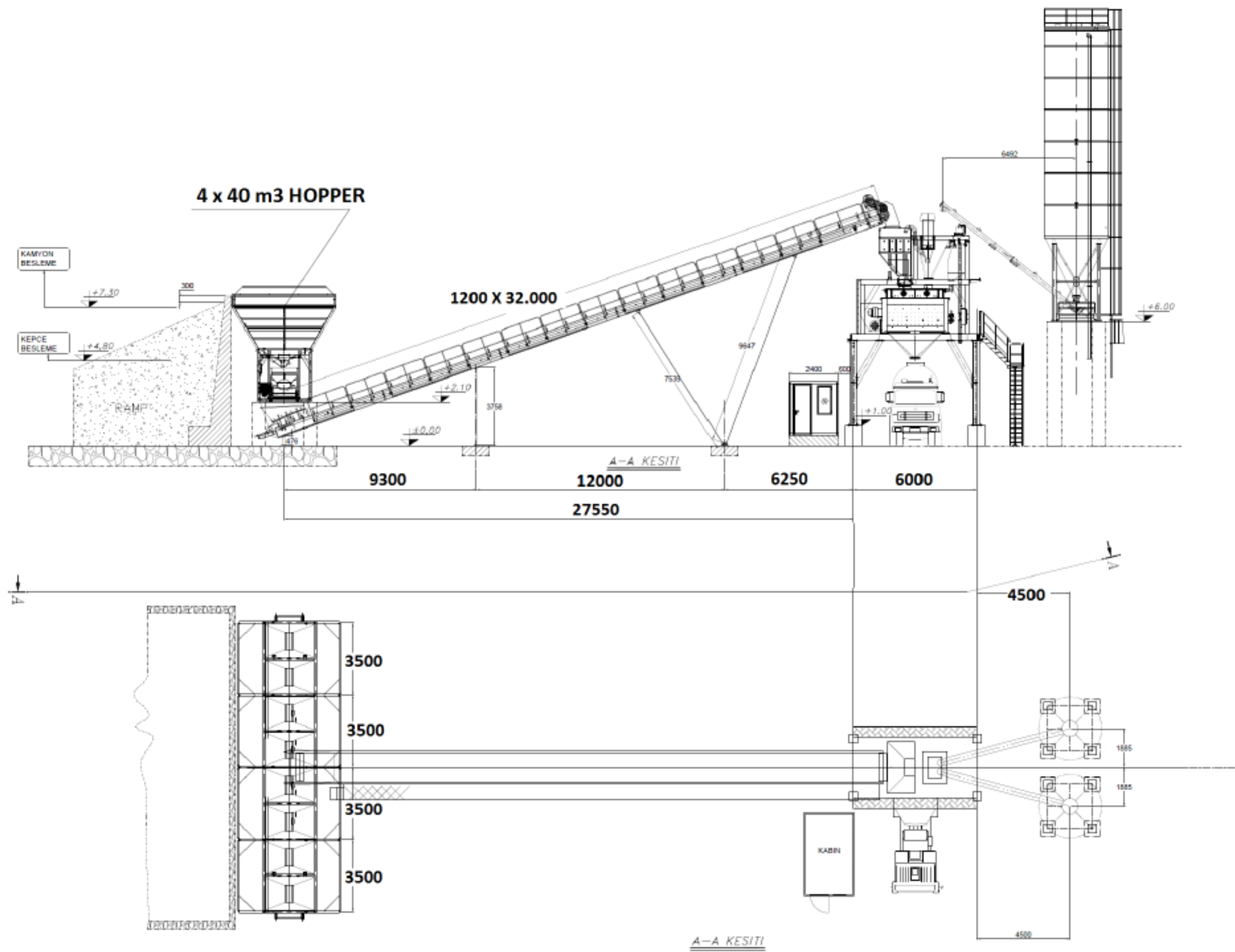
CATEGORY	SPECIFICATIONS
Plant Capacity	Compressed Concrete Capacity: 160 m <sup>3</sup> /h
Mixer Specifications	Mixer Type: Twin Shaft
	Dry Capacity: 6000 L
	Mixer Capacity: 4000 L
	Motor Power: 2 x 75 kW
Aggregate Bin	4 Compartments: 4 x 40 = 160 m <sup>3</sup>
	Grating on Bin
Aggregate Weighing Belt	Width: 1200 mm
	Length: 13500 mm
	Motor Power: 15 kW
	Load Cells: 4 x 5000 kg
Mixer Conveyor Belt	Width: 1200 mm
	Length: 30000 mm
	Motor Power: 45 kW

CATEGORY	SPECIFICATIONS
Cement, Water, Additive Scales	Aggregate Weighing: 8000 kg
	Cement Weighing: 3000 kg
	Water Weighing: 2500 L
	Additive Weighing: 50 kg
Cement Silo	Capacity: 75-100-150-200-500 tons
	Number of Silos: 1, 2, 3, 4 units
Cement Silo Equipment	Screw Diameter: 323 mm
	Screw Length: 10000 mm
	Motor Power: 15 kW
	Silotop Filter
	Manual Valve
Air Compressor	Capacity: 700 L
	Working Pressure: 7-8 bar
	Motor Power: 7.5 kW



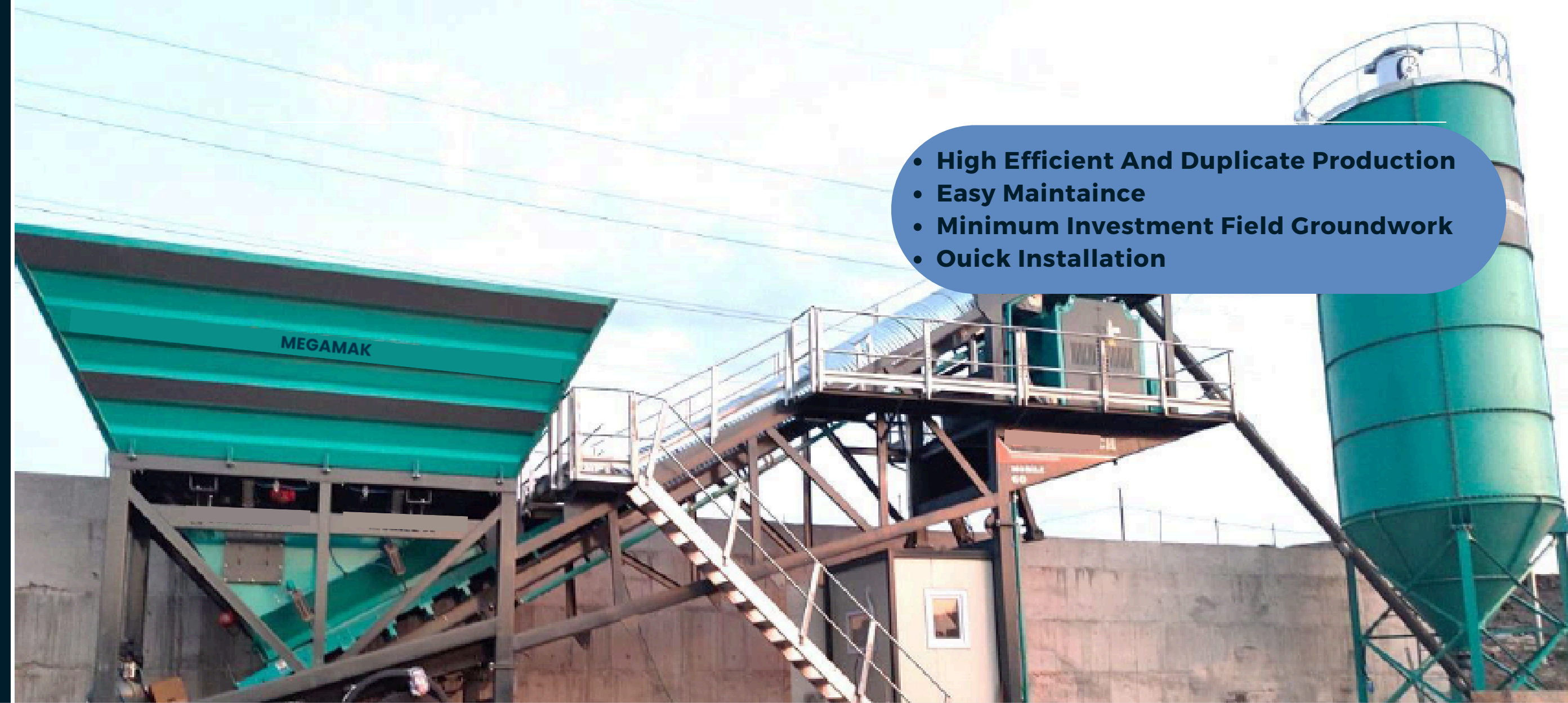
# TECHNICAL SKETCH

## MEGAMIX ST160 TWIN/SNG STATIONARY CONCRETE BATCHING PLANT





# Mobile Concrete Batching Plants



- High Efficient And Duplicate Production
- Easy Maintaince
- Minimum Investment Field Groundwork
- Quick Installation

Megamak's Mobile Concrete Batching Plants are designed with all components mounted on the main chassis, making them easily transportable with a single tractor. An optional feedback unit can be included as needed. These plants can be placed in any desired location, adapting to the conditions of construction sites. Megamak meticulously designs the layout of each plant, considering all factors and prioritizing site economy to ensure minimal operating costs.

A product of the latest technology and extensive R&D efforts, Megamak Mobile Concrete Batching Plants are the preferred choice for ready-mix concrete producers and construction companies in project-based concrete production. Their portability, quick installation, ease of use in confined spaces, high performance, and quality set them apart in the industry. The range includes models with capacities of 15 m<sup>3</sup>, 35 m<sup>3</sup>, 60 m<sup>3</sup>, 100 m<sup>3</sup>, and 120 m<sup>3</sup>.



# MEGAMIX M 35 SNG MOBILE CONCRETE BATCHING PLANT

*The MEGAMIX Mobile 35 Concrete Batching Plant is a highly versatile and efficient solution for medium-scale construction projects. With a production capacity of 35 m<sup>3</sup> per hour, it combines mobility with performance, making it ideal for sites requiring frequent relocation. Designed for quick installation and setup, it can be easily transported with a single tractor. The plant requires minimal space and ensures low operational costs while delivering high-quality concrete. Its compact design, coupled with excellent performance, makes the MEGAMIX Mobile 35 a preferred choice for project-based concrete production.*



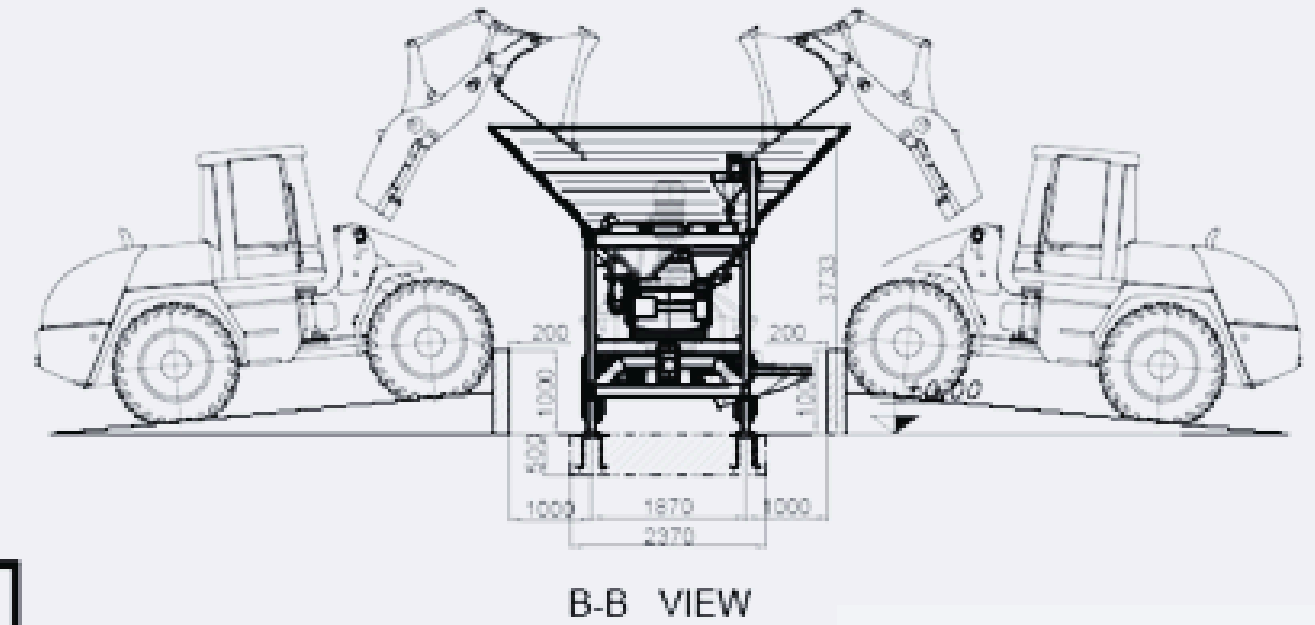
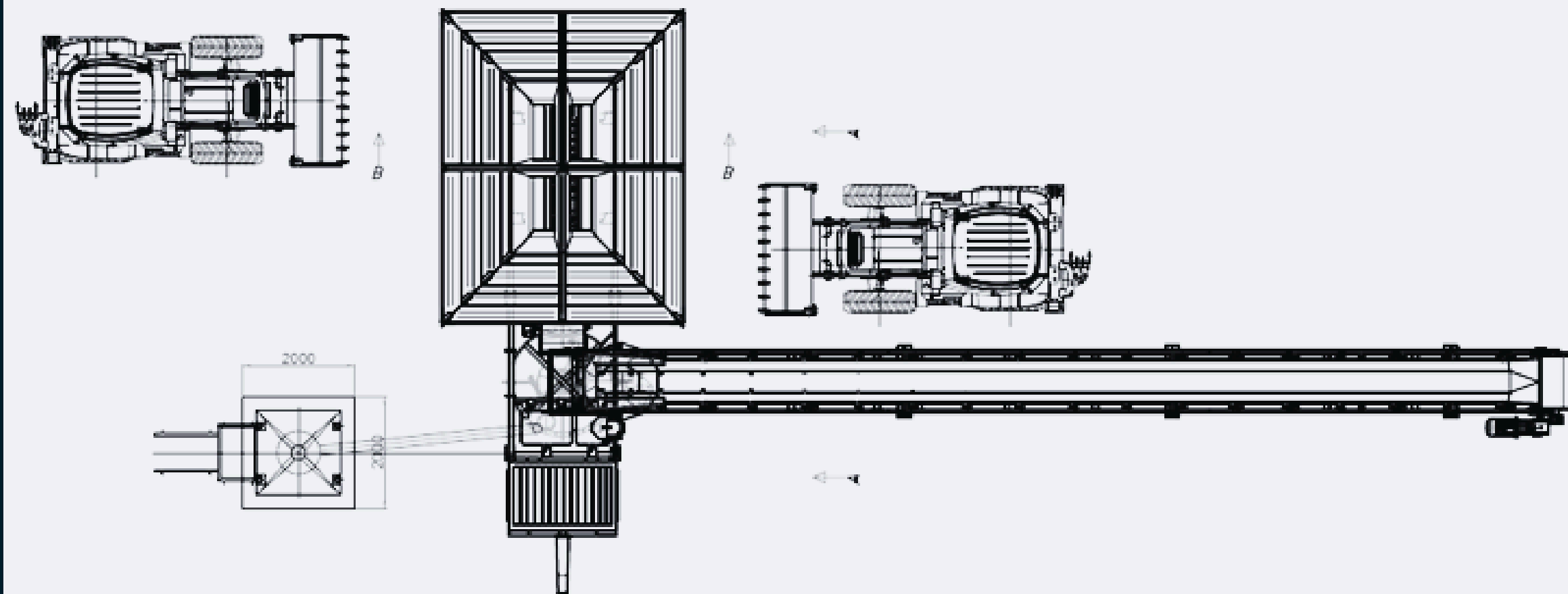
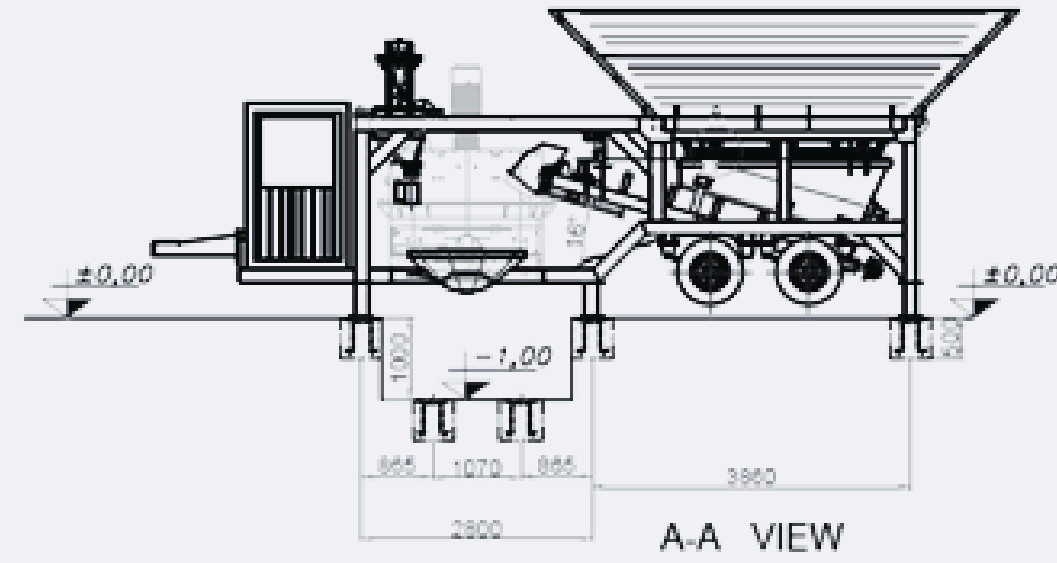
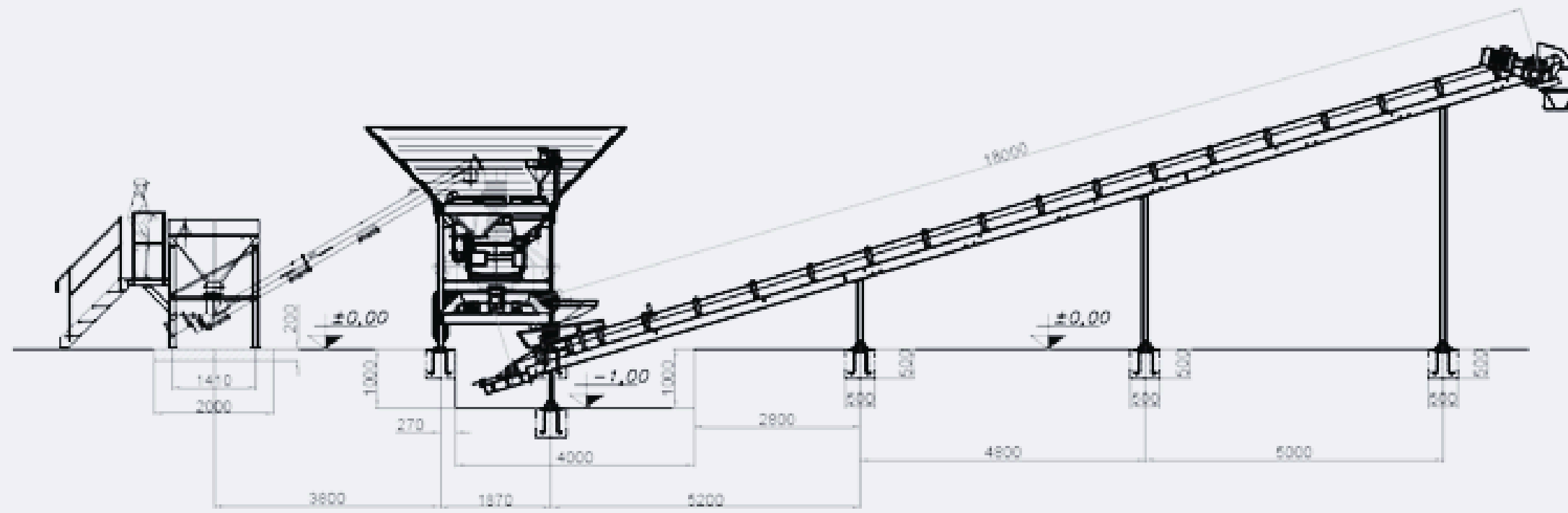


# TECHNICAL PARAMETERS

CATEGORY	SPECIFICATIONS
Plant Capacity	Compressed Concrete Capacity: 35 m <sup>3</sup> /h
Mixer Specifications	Mixer Type: Planet
	Dry Capacity: 750 L
	Mixer Capacity: 500 L
	Motor Power: 1 x 18.5 kW
Aggregate Bin	4 Compartments: 4 x 4.5 = 18 m <sup>3</sup>
	Grating on Bin
Aggregate Weighing Belt	Width: 800 mm
	Capacity: 1300 kg
	Motor Power: 4 kW
	Load Cells: 2000 kg
Mixer Conveyor Belt	Width: 800 mm
	Length: 12000 mm
	Motor Power: 15 kW

CATEGORY	SPECIFICATIONS
Cement, Water, Additive Scales	Aggregate Weighing: 1300 kg
	Cement Weighing: 350 kg
	Water Weighing: 200 L
	Additive Weighing: 20 kg
Cement Silo	Capacity: 50-75-100-150 tons
	Number of Silos: 1, 2, 3, 4 units
Cement Silo Equipment	Screw Diameter: 168 mm
	Screw Length: 5000 mm
	Motor Power: 5.5 kW
	Silotop Filter
	Manual Valve
Air Compressor	Capacity: 350 L
	Working Pressure: 7-8 bar
	Motor Power: 3.3 kW





**TECHNICAL  
SKETCH**



**MEGAMIX M 35 SNG MOBILE  
CONCRETE BATCHING PLANT**





# MEGAMIX M 60 SNG MOBILE CONCRETE BATCHING PLANT

*The MEGAMIX Mobile 60 Concrete Batching Plant is a high-performance solution for medium to large-scale construction projects, offering a production capacity of 60 m<sup>3</sup> per hour. Its fully mobile design allows for easy transportation with a single tractor and rapid installation, making it perfect for projects that require frequent relocation.*

*The plant is engineered to operate efficiently in confined spaces, providing high-quality concrete while minimizing operational costs. Its robust structure, combined with superior performance and flexibility, makes the MEGAMIX Mobile 60 an excellent choice for contractors and ready-mix producers in need of reliable, on-site concrete production.*



# TECHNICAL PARAMETERS

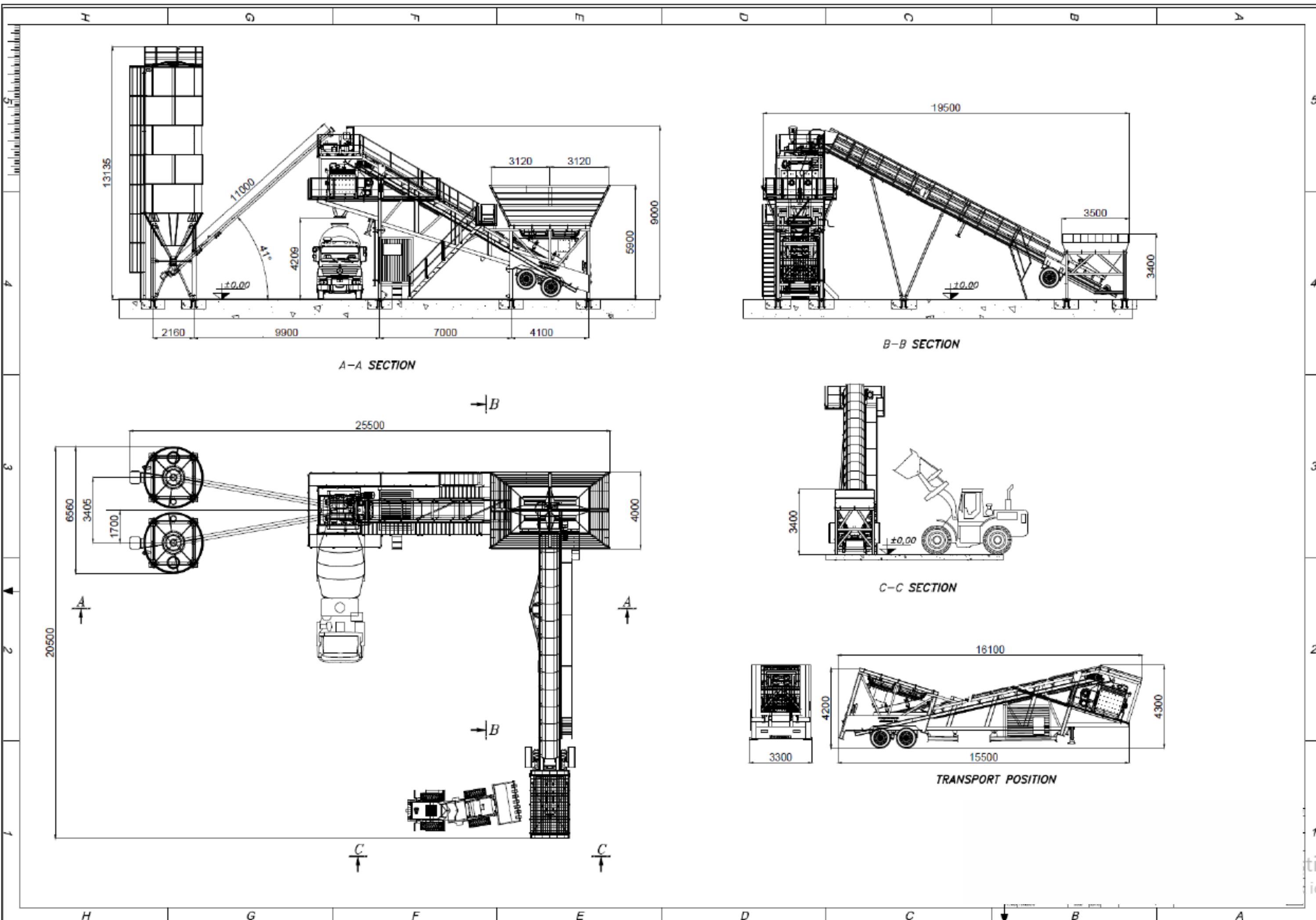
CATEGORY	SPECIFICATIONS
Plant Capacity	Compressed Concrete Capacity: 60 m <sup>3</sup> /h
Mixer Specifications	Mixer Type: Single Shaft
	Dry Capacity: 1500 L
	Mixer Capacity: 1000 L
	Motor Power: 37 kW
Aggregate Bin	4 Compartments: 4 x 10 = 40 m <sup>3</sup>
	Grating on Bin
Aggregate Weighing Belt	Width: 800mm
	Length: 11000 kg
	Motor Power: 15 kW
	Load Cells: 2500 kg
Mixer Conveyor Belt	Width: 800 mm
	Length: 12000 mm
	Motor Power: 15 kW

CATEGORY	SPECIFICATIONS
Cement, Water, Additive Scales	Aggregate Weighing: 2500 kg
	Cement Weighing: 600 kg
	Water Weighing: 400 L
	Additive Weighing: 50 kg
Cement Silo	Capacity: 75-100-200 tons
	Number of Silos: 1, 2, 3, 4 units
Cement Silo Equipment	Screw Diameter: 219 mm
	Screw Length: 7000 mm
	Motor Power: 11 kW
	Silotop Filter
	Manual Valve
Air Compressor	Capacity: 500 L
	Working Pressure: 7-8 bar
	Motor Power: 5.5 kW



# TECHNICAL SKETCH

## MEGAMIX M60 SNG MOBILE CONCRETE BATCHING PLANT







## MEGAMIX M 100 TWN MOBILE CONCRETE BATCHING PLANT

*The MEGAMIX Mobile 100 Twin Shaft Concrete Batching Plant is a high-capacity, mobile solution designed for large-scale construction projects, with a production capacity of 100 m<sup>3</sup> per hour. Equipped with a twin shaft mixer, it ensures superior mixing performance and consistent concrete quality, even for high-volume demands. The plant is designed for mobility, allowing it to be easily transported with a single tractor and quickly installed on-site. Its robust design ensures durability in tough working conditions while maintaining low operational costs. The MEGAMIX Mobile 100 Twin Shaft offers unmatched performance, flexibility, and reliability for project-based concrete production.*



# TECHNICAL PARAMETERS

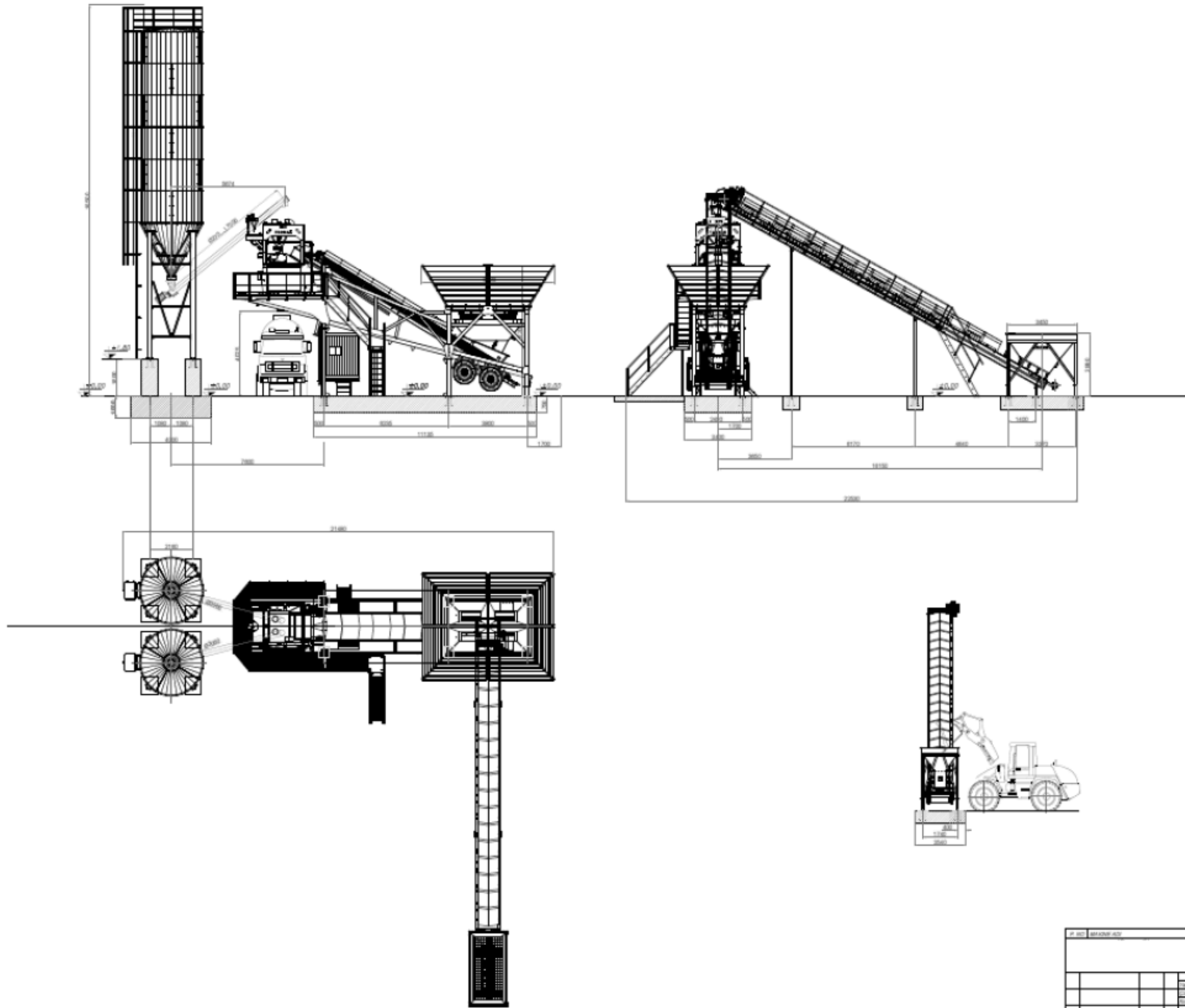
CATEGORY	SPECIFICATIONS
Plant Capacity	Compressed Concrete Capacity: 100 m <sup>3</sup> /h
Mixer Specifications	Mixer Type: Twin Shaft
	Dry Capacity: 3000 L
	Mixer Capacity: 2000 L
	Motor Power: 2x37 kW
Aggregate Bin	4 Compartments: 4 x 11.25 = 45 m <sup>3</sup>
	Grating on Bin
Aggregate Weighing Belt	Width: 1000mm
	Length: 11500 kg
	Motor Power: 15 kW
	Load Cells: 5000kg
Mixer Conveyor Belt	Width: 1000 mm
	Length: 12000 mm
	Motor Power: 15 kW

CATEGORY	SPECIFICATIONS
Cement, Water, Additive Scales	Aggregate Weighing: 5000 kg
	Cement Weighing: 1100 kg
	Water Weighing: 600 L
	Additive Weighing: 50 kg
Cement Silo	Capacity: 75-100-150-200 tons
	Number of Silos: 1, 2, 3, 4 units
Cement Silo Equipment	Screw Diameter: 273 mm
	Screw Length: 7000 mm
	Motor Power: 11 kW
	Silotop Filter
	Manual Valve
Air Compressor	Capacity: 500 L
	Working Pressure: 7-8 bar
	Motor Power: 5.5 kW



# TECHNICAL SKETCH

## MEGAMIX M100 TWN MOBILE CONCRETE BATCHING PLANT



NO	REV	DATE	BY	CHK	APP	DESCRIPTION
1						
2						
3						
4						
5						

PROJ: M100-TWN-YA-GB  
SAYI: 1  
TARİH: 2023-02-10  
KİŞİLER: M100-TWN-YA-GB  
T23-020-M100-TWN-YA



# MEGAMIX M 120 TWIN MOBILE CONCRETE BATCHING PLANT

*The MEGAMIX Mobile 120 Twin Shaft Concrete Batching Plant is a top-tier solution for large-scale projects, offering a high production capacity of 120 m<sup>3</sup> per hour. Equipped with a powerful twin shaft mixer, it ensures exceptional mixing quality and consistency for large volumes of concrete. Despite its high capacity, the plant maintains full mobility, with all components easily transported using a single tractor and allowing for quick installation and setup. Designed for efficiency, durability, and ease of maintenance, the MEGAMIX Mobile 120 delivers outstanding performance while minimizing operational costs, making it ideal for demanding construction environments.*





# TECHNICAL PARAMETERS

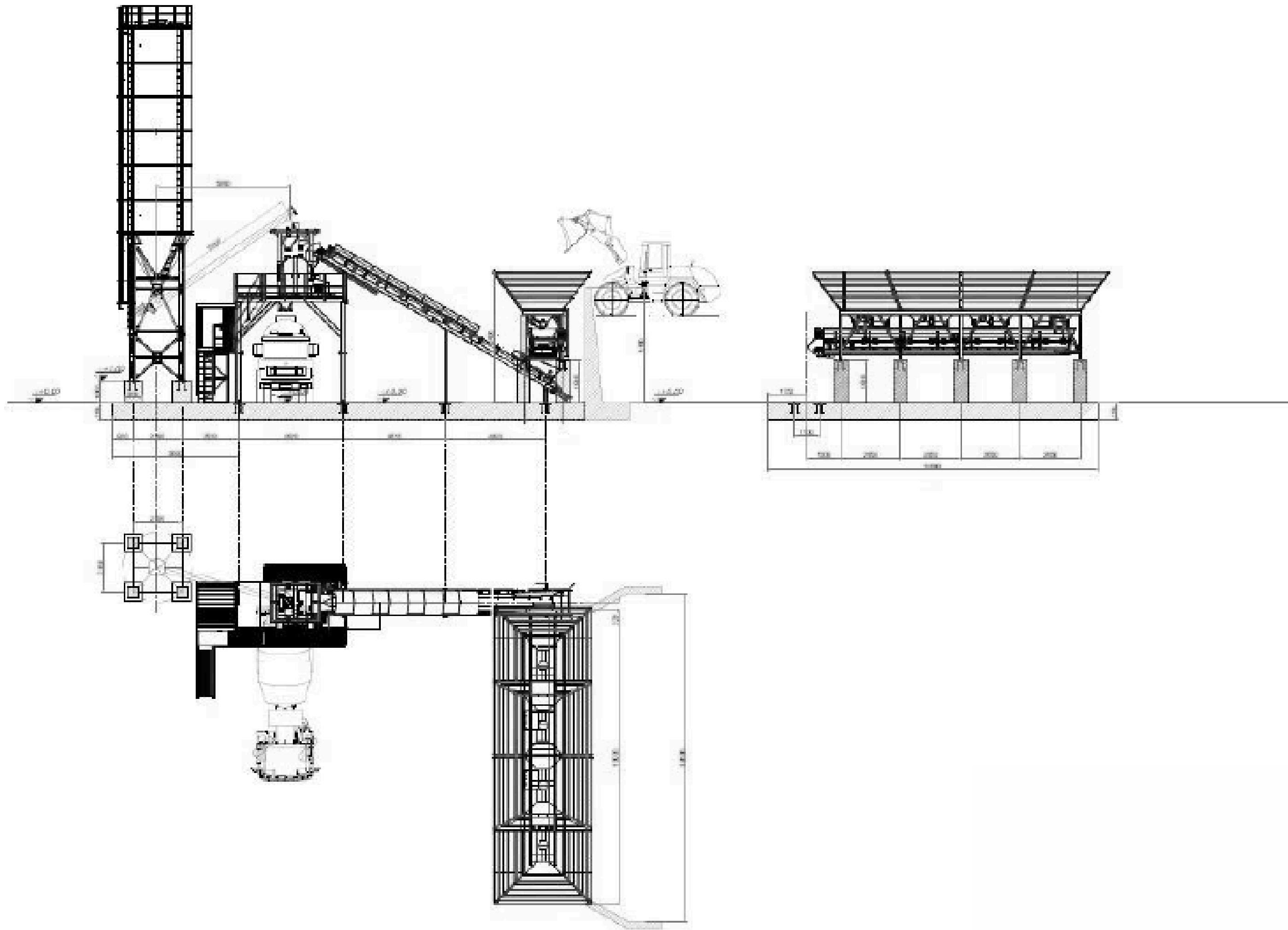
CATEGORY	SPECIFICATIONS
Plant Capacity	Compressed Concrete Capacity: 120 m <sup>3</sup> /h
Mixer Specifications	Mixer Type: Twin Shaft
	Dry Capacity: 4500 L
	Mixer Capacity: 3000 L
	Motor Power: 2x55 kW
Aggregate Bin	4 Compartments: 4 x 15 = 60 m <sup>3</sup>
	Grating on Bin
Aggregate Weighing Belt	Width: 1000mm
	Length: 13200 kg
	Motor Power: 15 kW
	Load Cells: 6000kg
Mixer Conveyor Belt	Width: 1000 mm
	Length: 12000 mm
	Motor Power: 15 kW

CATEGORY	SPECIFICATIONS
Cement, Water, Additive Scales	Aggregate Weighing: 6000 kg
	Cement Weighing: 1700 kg
	Water Weighing: 900 L
	Additive Weighing: 50 kg
Cement Silo	Capacity: 75-100-150-200 tons
	Number of Silos: 1, 2, 3, 4 units
Cement Silo Equipment	Screw Diameter: 273 mm
	Screw Length: 7000 mm
	Motor Power: 11 kW
	Silotop Filter
	Manual Valve
Air Compressor	Capacity: 500 L
	Working Pressure: 7-8 bar
	Motor Power: 5.5 kW



# TECHNICAL SKETCH

## MEGAMIX M120 TWN MOBILE CONCRETE BATCHING PLANT





# Compact Concrete Batching Plants



Megamix Compact Concrete Batching Plants are designed to provide efficient and flexible solutions for concrete production while minimizing space requirements. These compact plants offer a perfect balance of high performance and mobility, making them ideal for projects where quick installation, easy transport, and limited space are key factors. All components of the plant are pre-assembled and pre-wired, ensuring that only minimal on-site setup is needed, which drastically reduces installation time.

Compact plants are fully containerized for ease of transport and offer "Plug-and-Play" functionality. They come equipped with advanced automation systems, ensuring precise control over the entire concrete production process, from material feeding to mixing. Despite their smaller footprint, Megamix compact plants provide high-quality concrete production with low operational costs, making them suitable for both temporary and permanent installations. This makes them a preferred choice for contractors looking for flexibility, quick mobilization, and reliable performance.





## MEGAMIX C60 SINGLE COMPACT PLUS BATCHING PLANT

*The MEGAMIX C60 Compact Concrete Batching Plant is designed for efficiency and versatility in medium-scale concrete production, with a capacity of 60 m<sup>3</sup> per hour. Its compact design makes it ideal for sites with limited space, while still delivering high-performance output. The C60 offers quick installation and easy transport, providing the flexibility to move between sites with minimal effort. Despite its smaller footprint, it ensures reliable, consistent concrete quality. The plant is engineered for low operational costs and easy maintenance, making it an excellent choice for projects requiring efficient, space-saving solutions without sacrificing productivity.*



# TECHNICAL PARAMETERS

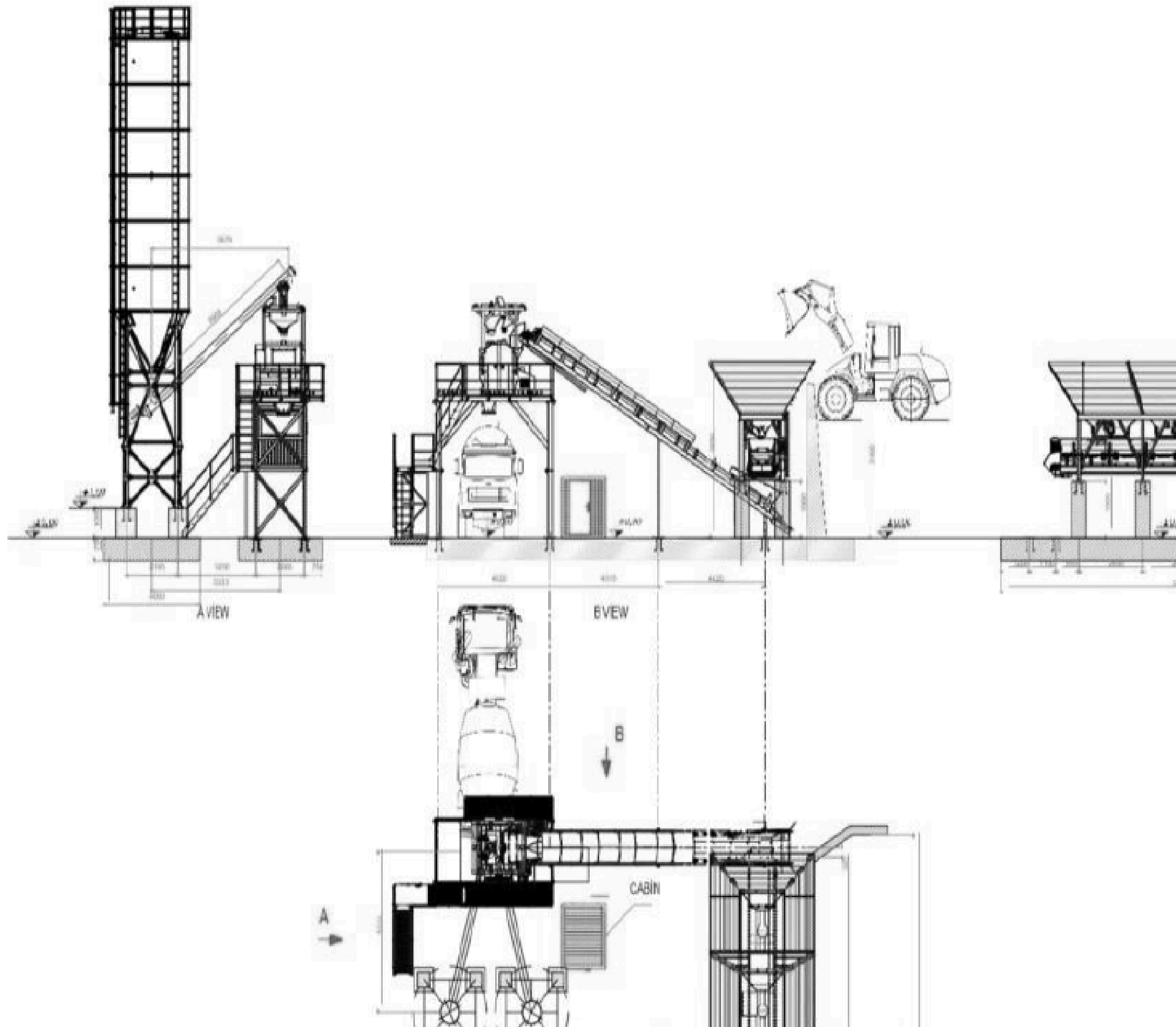
CATEGORY	SPECIFICATIONS
Plant Capacity	Compressed Concrete Capacity: 60 m <sup>3</sup> /h
Mixer Specifications	Mixer Type: Single Shaft
	Dry Capacity: 1500 L
	Mixer Capacity: 1000 L
	Motor Power: 37 kW
Aggregate Bin	4 Compartments: 4 x 10 = 40 m <sup>3</sup>
	Grating on Bin
Aggregate Weighing Belt	Width: 800mm
	Length: 12000 kg
	Motor Power: 15 kW
Mixer Conveyor Belt	Width: 1000 mm
	Length: 12000 mm
	Motor Power: 15 kW

CATEGORY	SPECIFICATIONS
Cement, Water, Additive Scales	Aggregate Weighing: 2200 kg
	Cement Weighing: 600 kg
	Water Weighing: 400 L
	Additive Weighing: 50 kg
Cement Silo	Capacity: 75-100-150-200 tons
	Number of Silos: 1, 2, 3, 4 units
Cement Silo Equipment	Screw Diameter: 219 mm
	Screw Length: 7000 mm
	Motor Power: 11 kW
	Silotop Filter
	Manual Valve
Air Compressor	Capacity: 500 L
	Working Pressure: 7-8 bar
	Motor Power: 5.5 kW



# TECHNICAL SKETCH

## MEGAMIX C60 SINGLE COMPACT PLUS CONCRETE BATCHING PLANT





# MEGAMIX C60 SINGLE L COMPACT BATCHING PLANT

*Due to the challenges of transporting and assembling concrete batching plants, Megamix has developed a fully containerized "Plug-and-Play Compact" system concrete plant. This innovative design offers significant advantages in both site mobilization and concrete production, particularly in terms of transportation and quick start-up. The Megamix "Plug-and-Play Compact" concrete plant is delivered with all necessary equipment pre-installed, including completed electrical work and cabling. As a result, minimal assembly is required on-site, allowing the plant to be quickly operational. The C60 L model offers these benefits, making it an efficient and time-saving solution for construction projects, with easy setup and transport.*





# TECHNICAL PARAMETERS

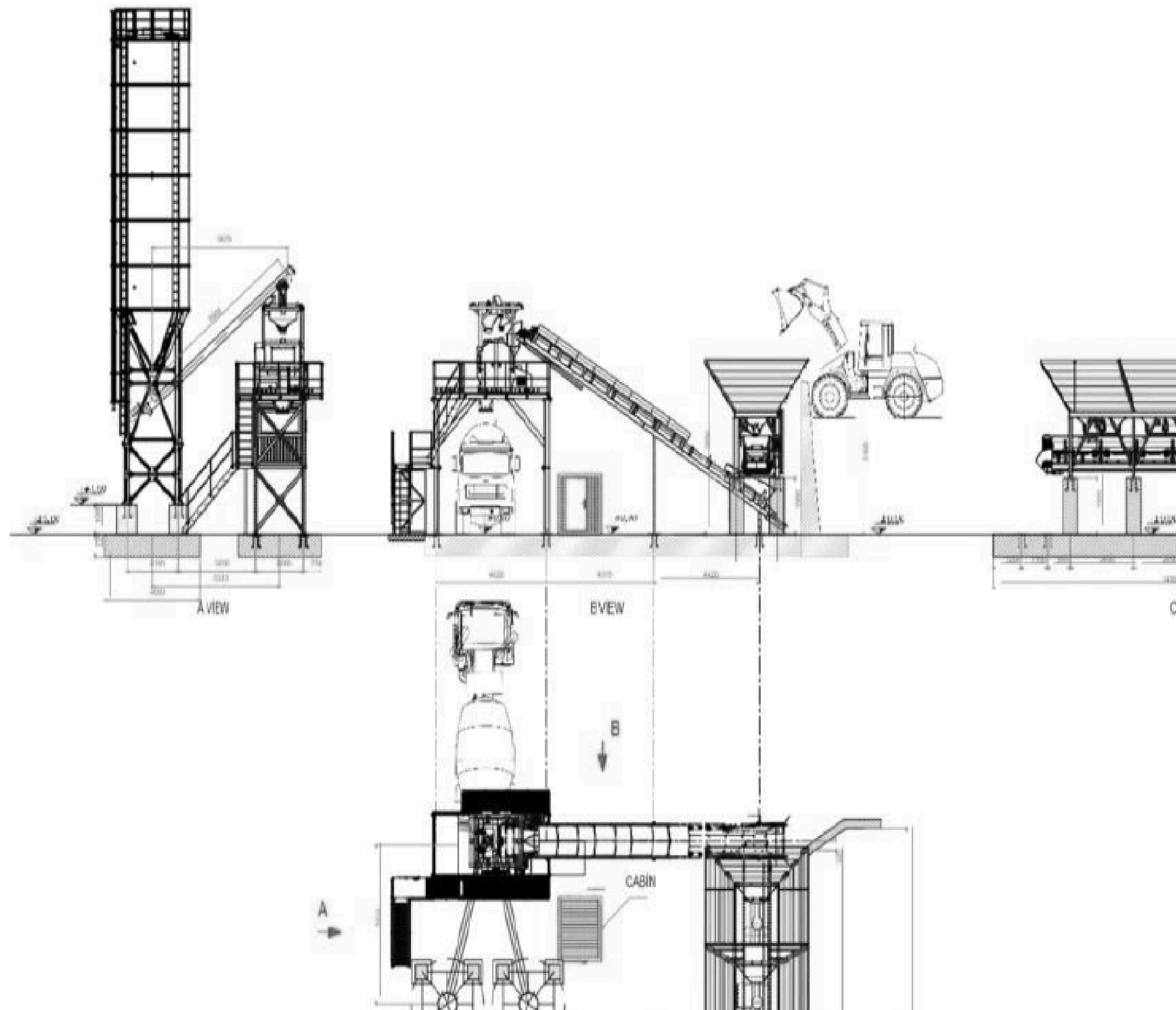
CATEGORY	SPECIFICATIONS
Plant Capacity	Compressed Concrete Capacity: 60 m <sup>3</sup> /h
Mixer Specifications	Mixer Type: Single Shaft
	Dry Capacity: 1500 L
	Mixer Capacity: 1000 L
	Motor Power: 37 kW
Aggregate Bin	4 Compartments: 4 x 20 = 80 m <sup>3</sup>
	Grating on Bin
Aggregate Weighing Belt	Width: 800mm
	Length: 14500 kg
	Motor Power: 11 kW
Mixer Conveyor Belt	Width: 1000 mm
	Length: 12000 mm
	Motor Power: 15 kW

CATEGORY	SPECIFICATIONS
Cement, Water, Additive Scales	Aggregate Weighing: 4200 kg
	Cement Weighing: 600 kg
	Water Weighing: 400 L
	Additive Weighing: 50 kg
Cement Silo	Capacity: 75-100-150-200 tons
	Number of Silos: 1, 2, 3, 4 units
Cement Silo Equipment	Screw Diameter: 219 mm
	Screw Length: 7000 mm
	Motor Power: 11 kW
	Silotop Filter
	Manual Valve
Air Compressor	Capacity: 500 L
	Working Pressure: 7-8 bar
	Motor Power: 5.5 kW



# TECHNICAL SKETCH

## MEGAMIX C60 SINGLE L COMPACT CONCRETE BATCHING PLANT







## MEGAMIX C100 TWIN COMPACT BATCHING PLANT

*The MEGAMIX C100 Twin Shaft Compact Concrete Batching Plant is a high-capacity, space-efficient solution designed for projects requiring both performance and mobility. With a production capacity of 100 m<sup>3</sup> per hour, the C100 Twin Shaft ensures consistent, high-quality concrete output thanks to its powerful twin shaft mixer, which provides superior mixing performance. This compact plant is fully containerized for easy transport, and its "Plug-and-Play" design allows for quick installation with minimal on-site assembly. Delivered with all components pre-installed and pre-wired, the C100 is ready to operate shortly after arriving at the site, making it ideal for time-sensitive projects. Combining advanced automation, low operational costs, and robust construction, the MEGAMIX C100 Twin Shaft offers a perfect balance of efficiency, convenience, and high performance in a compact package.*



# TECHNICAL PARAMETERS

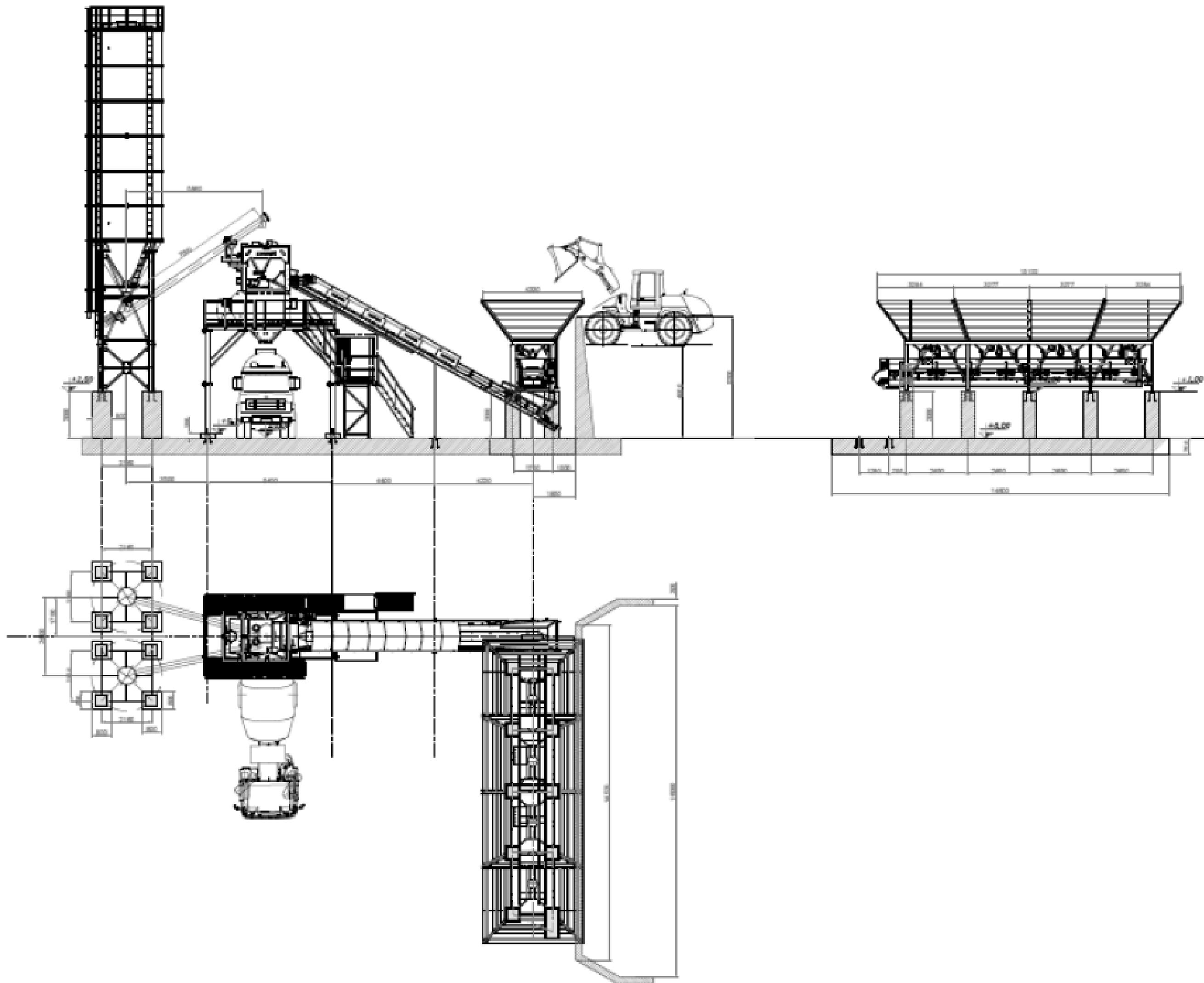
CATEGORY	SPECIFICATIONS
Plant Capacity	Compressed Concrete Capacity: 100 m <sup>3</sup> /h
Mixer Specifications	Mixer Type: Twin Shaft
	Dry Capacity: 3000 L
	Mixer Capacity: 2000 L
	Motor Power: 2x37 kW
Aggregate Bin	4 Compartments: 4 x 20 = 80 m <sup>3</sup>
	Grating on Bin
Aggregate Weighing Belt	Width: 1000mm
	Length: 12000 kg
	Motor Power: 15 kW
Mixer Conveyor Belt	Width: 1000 mm
	Length: 12000 mm
	Motor Power: 15 kW

CATEGORY	SPECIFICATIONS
Cement, Water, Additive Scales	Aggregate Weighing: 4200 kg
	Cement Weighing: 1100 kg
	Water Weighing: 600 L
	Additive Weighing: 50 kg
Cement Silo	Capacity: 75-100-150-200 tons
	Number of Silos: 1, 2, 3, 4 units
Cement Silo Equipment	Screw Diameter: 273 mm
	Screw Length: 7000 mm
	Motor Power: 11 kW
	Silotop Filter
	Manual Valve
Air Compressor	Capacity: 500 L
	Working Pressure: 7-8 bar
	Motor Power: 5.5 kW



# TECHNICAL SKETCH

## MEGAMIX C100 TWIN COMPACT CONCRETE BATCHING PLANT







## MEGAMIX C120 TWIN COMPACT BATCHING PLANT

*The MEGAMIX C120 Twin Shaft Compact Concrete Batching Plant (TWN L) is a high-capacity, compact solution designed for demanding construction projects requiring both large-scale production and space efficiency. With a production capacity of 120 m<sup>3</sup> per hour, the C120 Twin Shaft delivers exceptional mixing performance, thanks to its twin shaft mixer that ensures consistent and high-quality concrete output.*

*The "Plug-and-Play" system ensures that the plant arrives on-site with all components pre-installed, including electrical systems and cabling, requiring minimal assembly before operation. Offering low operational costs, advanced automation, and robust construction, the MEGAMIX C120 Twin Shaft (TWN L) provides the perfect balance of high capacity, reliability, and convenience for both temporary and permanent installations.*

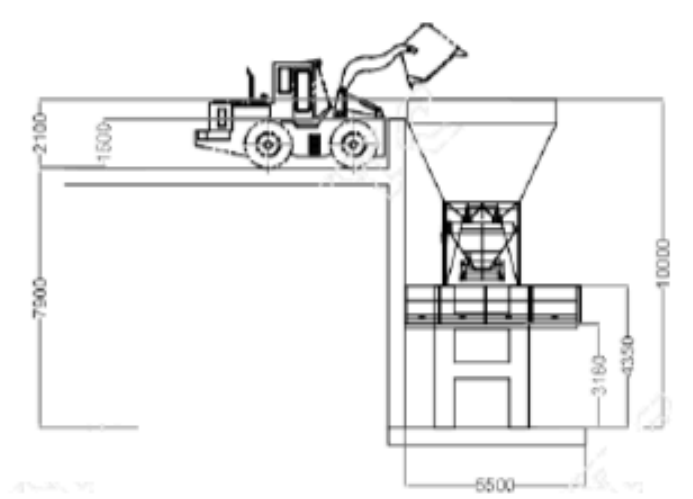
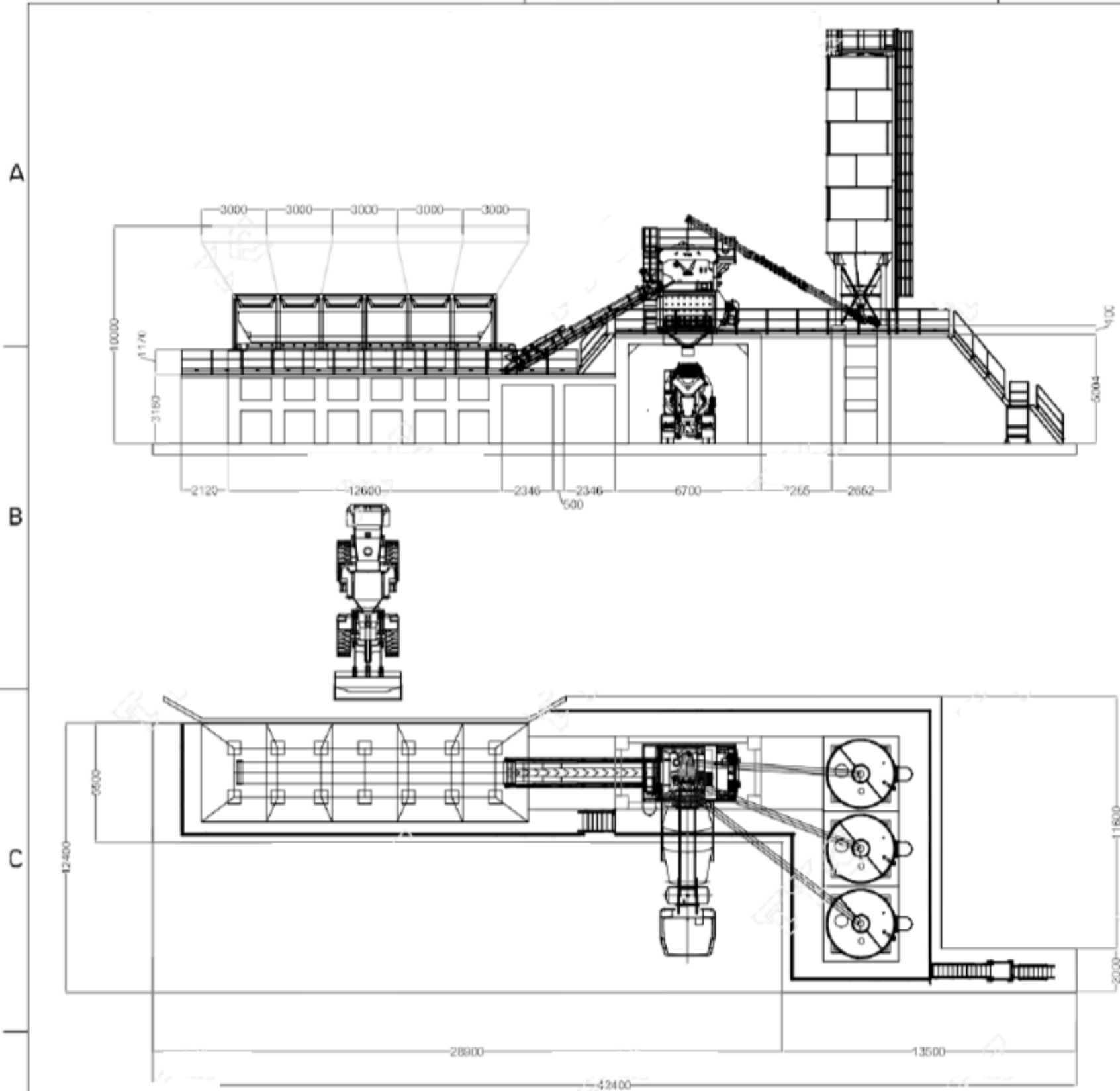


# TECHNICAL PARAMETERS

CATEGORY	SPECIFICATIONS
Plant Capacity	Compressed Concrete Capacity: 120 m <sup>3</sup> /h
Mixer Specifications	Mixer Type: Twin Shaft
	Dry Capacity: 4500 L
	Mixer Capacity: 3000 L
	Motor Power: 2x55 kW
Aggregate Bin	4 Compartments: 4 x 30 = 120 m <sup>3</sup>
	Grating on Bin
Aggregate Weighing Belt	Width: 1000mm
	Length: 14000 kg
	Motor Power: 15 kW
Mixer Conveyor Belt	Width: 1000 mm
	Length: 12000 mm
	Motor Power: 15 kW

CATEGORY	SPECIFICATIONS
Cement, Water, Additive Scales	Aggregate Weighing: 6500 kg
	Cement Weighing: 1700 kg
	Water Weighing: 900 L
	Additive Weighing: 50 kg
Cement Silo	Capacity: 75-100-150-200 tons
	Number of Silos: 1, 2, 3, 4 units
Cement Silo Equipment	Screw Diameter: 273 mm
	Screw Length: 7000 mm
	Motor Power: 11 kW
	Silotop Filter
	Manual Valve
Air Compressor	Capacity: 500 L
	Working Pressure: 7-8 bar
	Motor Power: 5.5 kW






# TECHNICAL SKETCH

## MEGAMIX C120 TWIN COMPACT CONCRETE BATCHING PLANT



 <b>MEGAMAK</b> CRUSHING & SCREENING CONCRETE PLANT ASPHALT MIXING PLANT		MGM - 120 M3 - COMPACT STATIONARY CONCRETE BATCHING PLANT SETTLEMENT PROJECT		
		NAME & SURNAME	DATE	SIGNATURE
ADNAN KAHVECİ MAH. YAVUZ SULTAN SELİM BULV. UMUT SİTESİ 2. BLOK NO:6 D:4 İSTANBUL-TÜRKİYE		DRAWN BY	EMİNE ÇETİNYÜREK	31.07.24
www.megamak.net/ info@megamak.net +90 212 855 02 05 +90 505 530 01 79		CONTROLLED BY	CENGİZ ÖZTÜRK	31.07.24
Ölçer Pafta 1:500 A3		APPROVED BY	CENGİZ ÖZTÜRK	31.07.24
Bu çizim MEGAMAK'ın mülkiyetindedir ve MEGAMAK'ın izni olmadan başka bir yerde kullanılmamalıdır. İzni olmadan başka bir yerde kullanılması durumunda MEGAMAK'ın hukuki sorumluluğu yoktur.		PROJECT NUMBER : MGM8402024		





# AUTOMATION SYSTEMS



# AUTOMATION SYSTEMS

In ready-mix concrete production, the entire process is governed by a computer-controlled automation system that ensures precise and efficient dosing of materials. This system automates the production process by utilizing pre-installed concrete mix formulas, which are selected based on specific project requirements. Once the production command is initiated, the necessary materials for the selected formula—such as cement, aggregates, additives, and water—are automatically weighed and processed in the correct proportions.

The aggregates are mixed in dedicated bins or hoppers, while cement is stored in silos, and additional materials like additives and water are blended into the mix at designated stages. After the final water and additive components are transferred to the pan mixer, the mixture undergoes precise mixing to create a consistent concrete blend. The completed mix is then discharged and prepared for transportation.

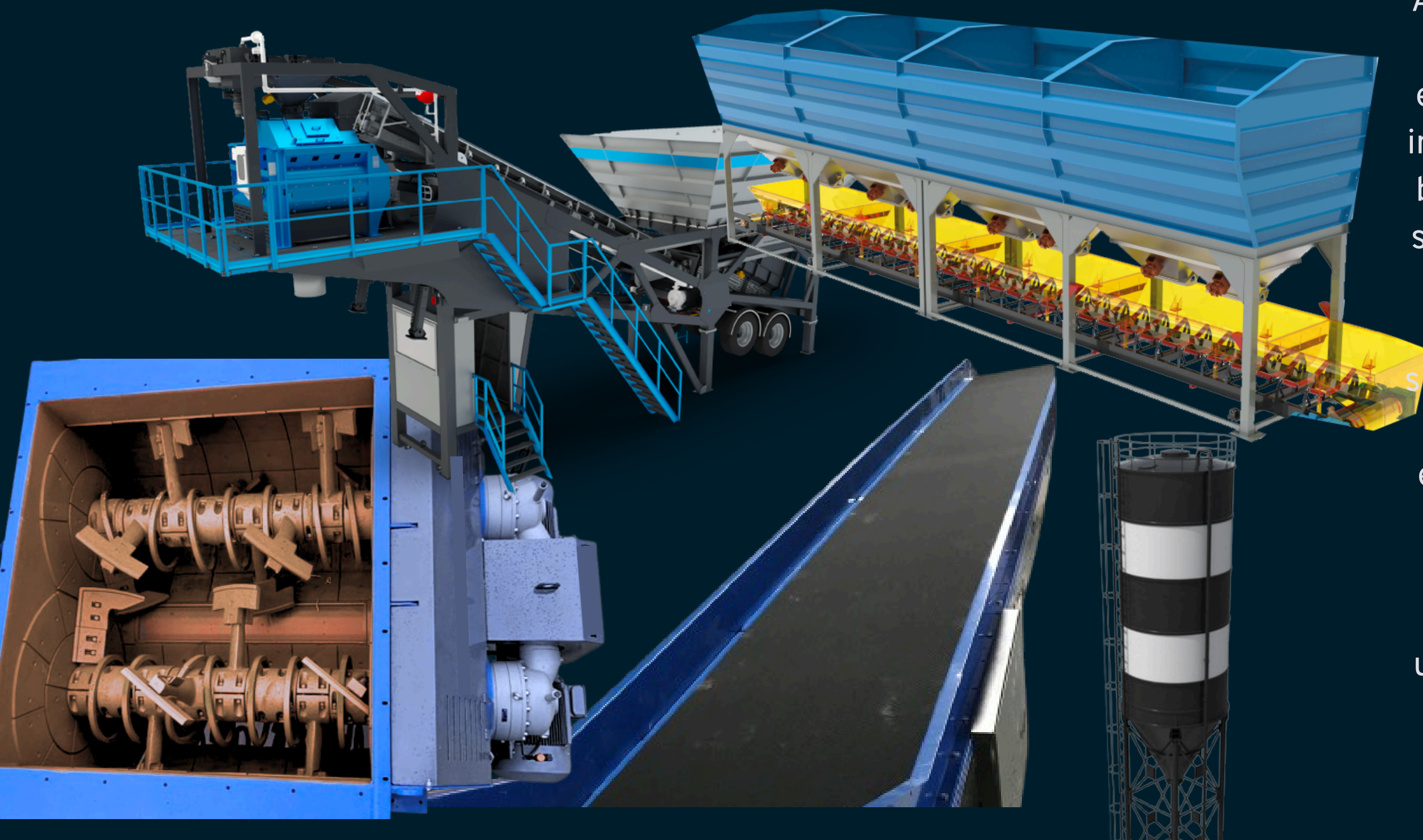
The entire production process is monitored and controlled by an operator from the central control panel. Upon completion, the system automatically generates output documentation, such as delivery notes and accounting records, which ensure that the produced concrete meets the order specifications and technical criteria.

It's important to note that automation in a ready-mix concrete plant goes beyond just automatic material dosing. Modern automation systems also manage various other critical components of the plant, including process monitoring, production reporting, alarm systems, order management, production planning, inventory control, truck scales, mixer performance monitoring\*\*, and quality control reporting. These functions work together to optimize the overall operation of the plant, ensuring consistency, efficiency, and high-quality output.





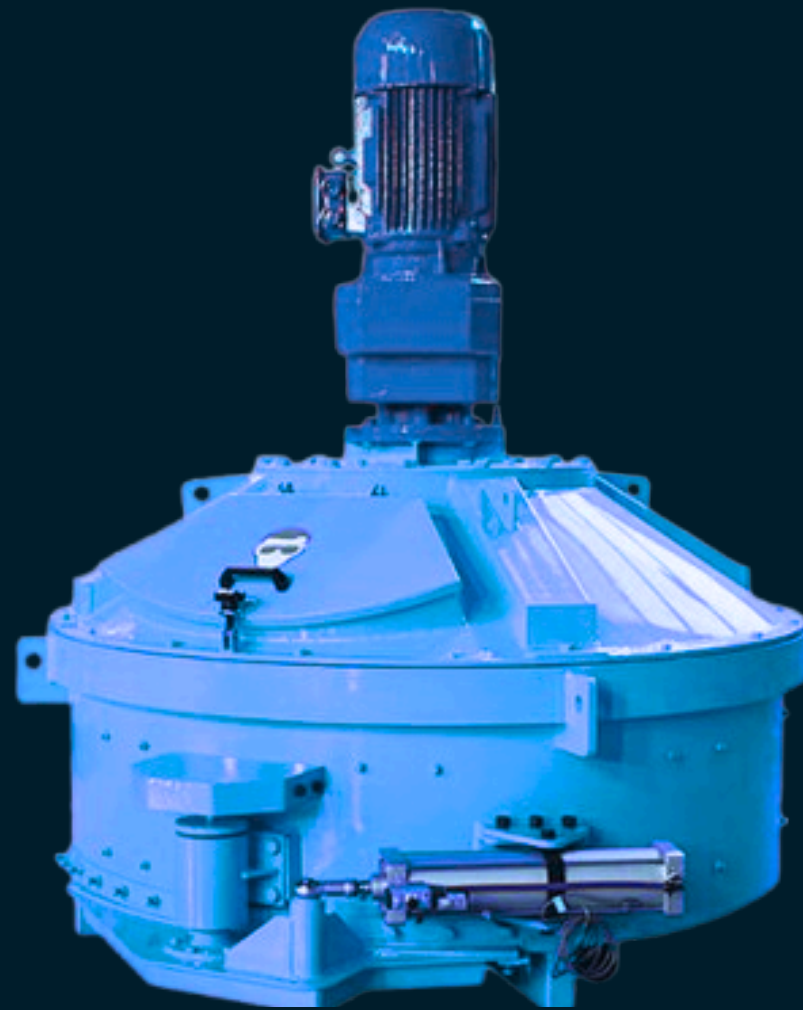
# SPARE PARTS FOR CONCRETE BATCHING PLANTS



At MEGAMAK, we offer a comprehensive range of essential components and equipment for concrete batching plants, including mixers, main frames, aggregate bunkers, conveyor systems, and cement silos. Our solutions are designed to meet the specific needs of each project, ensuring reliable performance and smooth operation. Whether for stationary or mobile plants, our equipment is engineered for durability and efficiency.

More details on each of these components will be provided in the following sections to give you a clear understanding of how they contribute to the overall functionality of the plant.





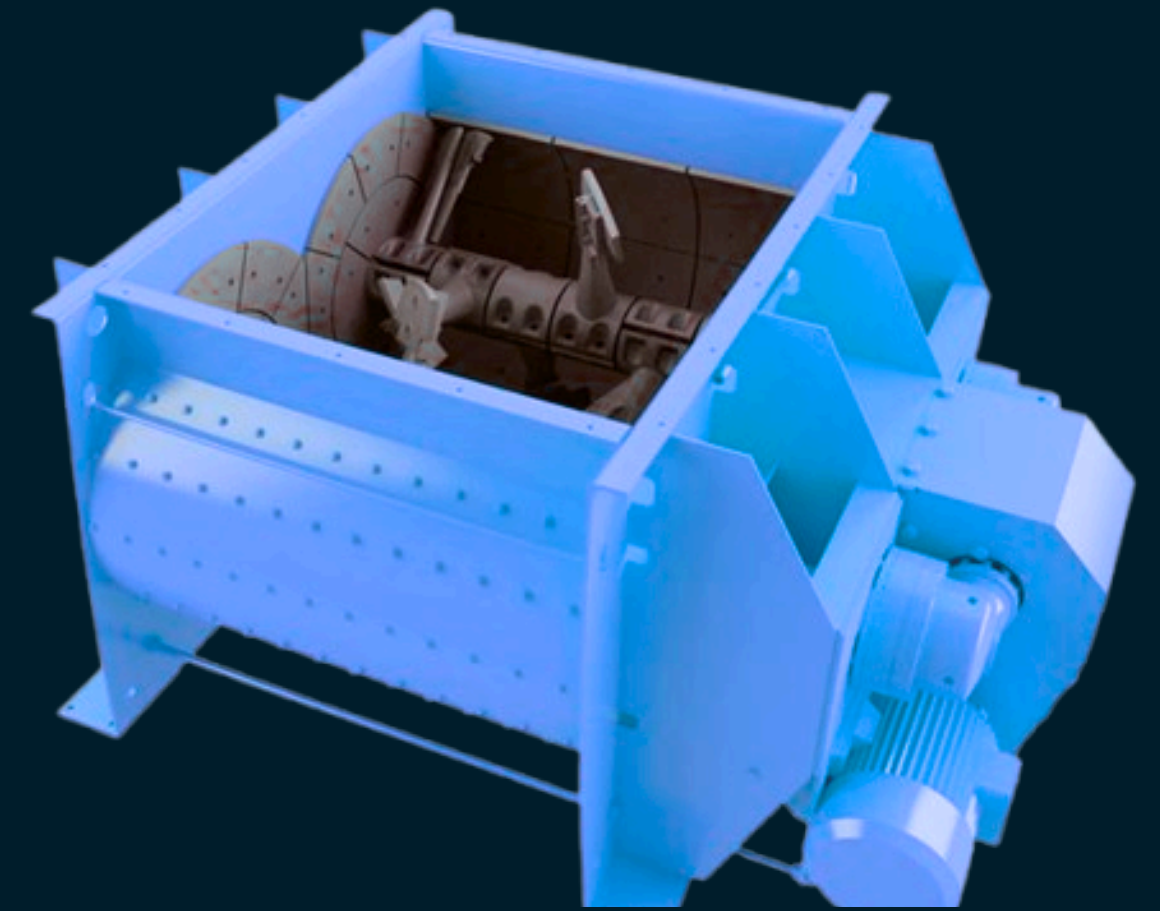
## PLANETARY MIXERS

Planetary mixers are designed for superior mixing precision. Their unique "planetary" mixing motion—where the blades rotate around both their own axes and the central axis—ensures a high degree of homogeneity in the mix.



## SINGLE SHAFT MIXERS

Single shaft mixers are a practical solution for medium-scale concrete production. With a simpler design and easy maintenance, they are efficient for operations that do not require the complex mixing dynamics of twin shaft mixers.



## TWIN SHAFT MIXERS

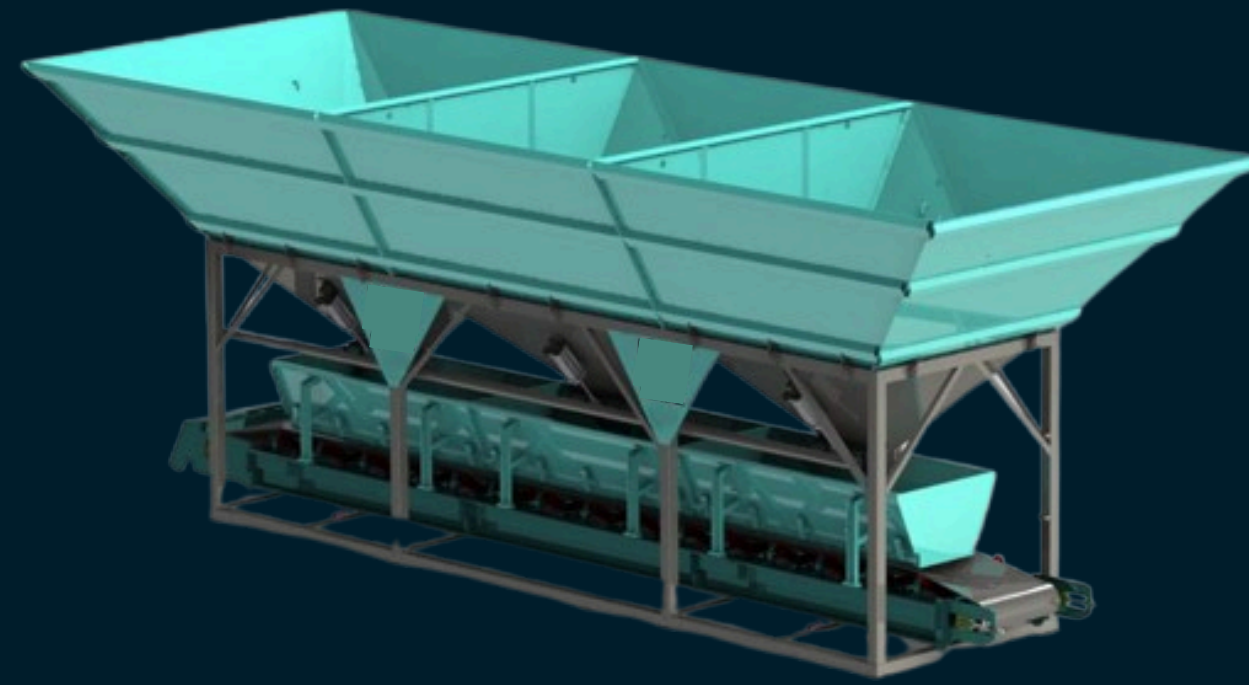
Twin shaft mixers are renowned for their power and high efficiency, delivering fast, consistent, and high-volume concrete production. Their dual horizontal shafts ensure a thorough, rapid mix even in large batches





## MAIN FRAME

The main frame of the plant provides structural integrity and stability to the entire operation. It supports all components, ensuring durability and resistance to heavy loads during continuous concrete production.



## AGGREGATE BUNKERS

Aggregate bunkers are used to store and manage the aggregates (sand, gravel, etc.). They are designed for efficient material flow, ensuring that the aggregates are ready for dosing and mixing.



## CONVEYOR SYSTEMS

These systems transport materials (aggregates, cement, etc.) between various parts of the plant, ensuring smooth and continuous movement. MEGAMAK conveyor systems are built for efficiency and reduced downtime.





## SILO

Cement silos store cement and other fine materials, designed for safety and minimal environmental impact. They include essential accessories like filters, valves, and level indicators to ensure smooth and reliable operation.



## REDUCTOR

Reducers are vital for controlling the speed and torque of various machinery in the plant, particularly the conveyors and mixers. They ensure smooth, efficient, and precise operation of equipment by adjusting the mechanical power, reducing wear, and improving the lifespan of the plant's components.



## SCREW CONVEYOR

Spiral (screw) conveyors are used to transport cement from the silo to the weighing hopper. They are efficient at moving powdered materials while ensuring a consistent flow. Designed for durability, they minimize material loss and contribute to the smooth operation of the plant's dosing system.






# CRUSHING & SCREENING PLANTS



JAW  
CRUSHERS



PRIMARY  
IMPACT  
CRUSHERS



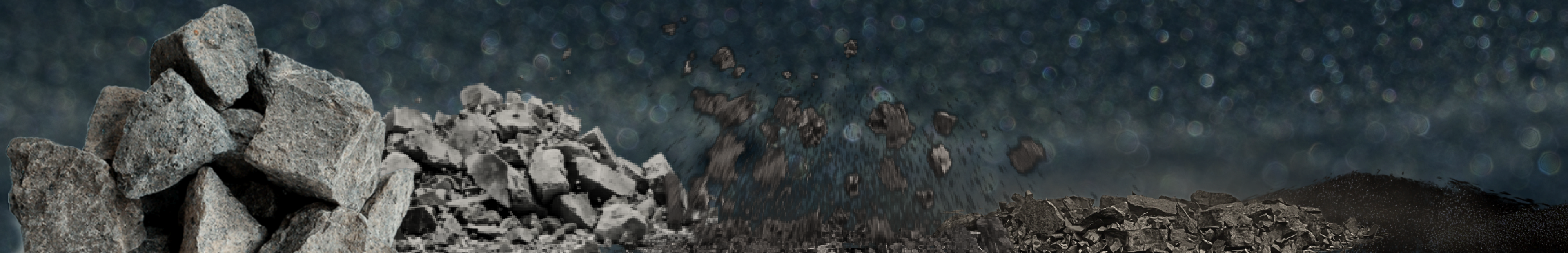
TERTIARY  
CRUSHERS



Stone crushing plants are essential systems that handle the crushing, screening, and washing of materials, primarily used in stone quarries and the construction industry. These plants play a crucial role in breaking down raw materials, preparing them for various industrial uses. At MEGAMAK, we design and manufacture high-performance crushing and screening plants that cater to projects of all sizes, providing efficiency and reliability in every aspect of the operation.

Our plants are capable of producing up to 1000 tons per hour, making them suitable for large-scale as well as smaller projects. Each system is carefully engineered to operate smoothly, with key components such as feeders, crushers, screens, sand augers, and belt conveyors working together in perfect synchronization. The equipment is designed to deliver optimal performance while fully addressing the industry's demands for quality and consistency in the materials processed.

We focus on building durable, efficient, and easy-to-maintain plants that meet the specific requirements of different material types, whether in terms of size, hardness, or production capacity. The flexibility of our systems allows for customization based on project needs, ensuring each plant is tailored to deliver the highest productivity with minimal operational downtime. MEGAMAK's stone crushing plants are designed to enhance efficiency and profitability, while ensuring reliable performance for all kinds of stone processing applications.





# JAW CRUSHERS



Jaw crushers are essential machines in stone crushing and mining operations, designed to crush hard, abrasive materials like granite, basalt, and other tough rock types. These crushers work by applying mechanical pressure through two jaw plates—one fixed and the other movable—to break down large chunks of material into smaller, more manageable sizes. The crushing action takes place as the material is compressed between the jaws, making jaw crushers ideal for primary crushing applications, where large pieces of raw material need to be reduced for further processing.

Known for their durability and efficiency, MEGAMAK jaw crushers are designed to handle the toughest materials with ease, delivering high output and minimal wear. Built with robust construction, these machines offer long-lasting performance in demanding conditions. Their simple, yet powerful design ensures easy maintenance, with quick access to key components for routine checks and part replacements. Additionally, adjustable settings allow operators to control the output size, ensuring consistent and precise material breakdown based on project requirements.

Jaw crushers are widely used in various industries, from quarries and mining to construction and demolition, providing reliable performance and versatility for numerous applications. At MEGAMAK, we engineer our jaw crushers to meet the highest standards of quality and efficiency, making them an indispensable part of any crushing and screening operation.



TYPE	DIMENSIONS (MM)	POWER (kW - RPM)	CAPACITY (t/h)	WEIGHT (kg)	GROUP
MG-02	610 x 330	30 - 1500	30 - 90	600	PRIMER
MG-03	900 x 650	75 - 1500	50 - 200	11,4	PRIMER
MG-04	900 x 200	30 - 1500	50 - 75	5,96	SEKONDER
MG-07	1100 x 850	132 - 1500	100 - 300	33	PRIMER
MG-11	1300 x 1000	160 - 1500	275 - 600	43	PRIMER
MG-12	1100 x 350	75 - 1500	100 - 150	11	SEKONDER

MEGAMAK offers a comprehensive range of crushing and screening equipment, including various models of primary and secondary crushers, designed to suit different material sizes and production needs. Our machines are built for efficiency, reliability, and durability, making them ideal for both small and large-scale operations.

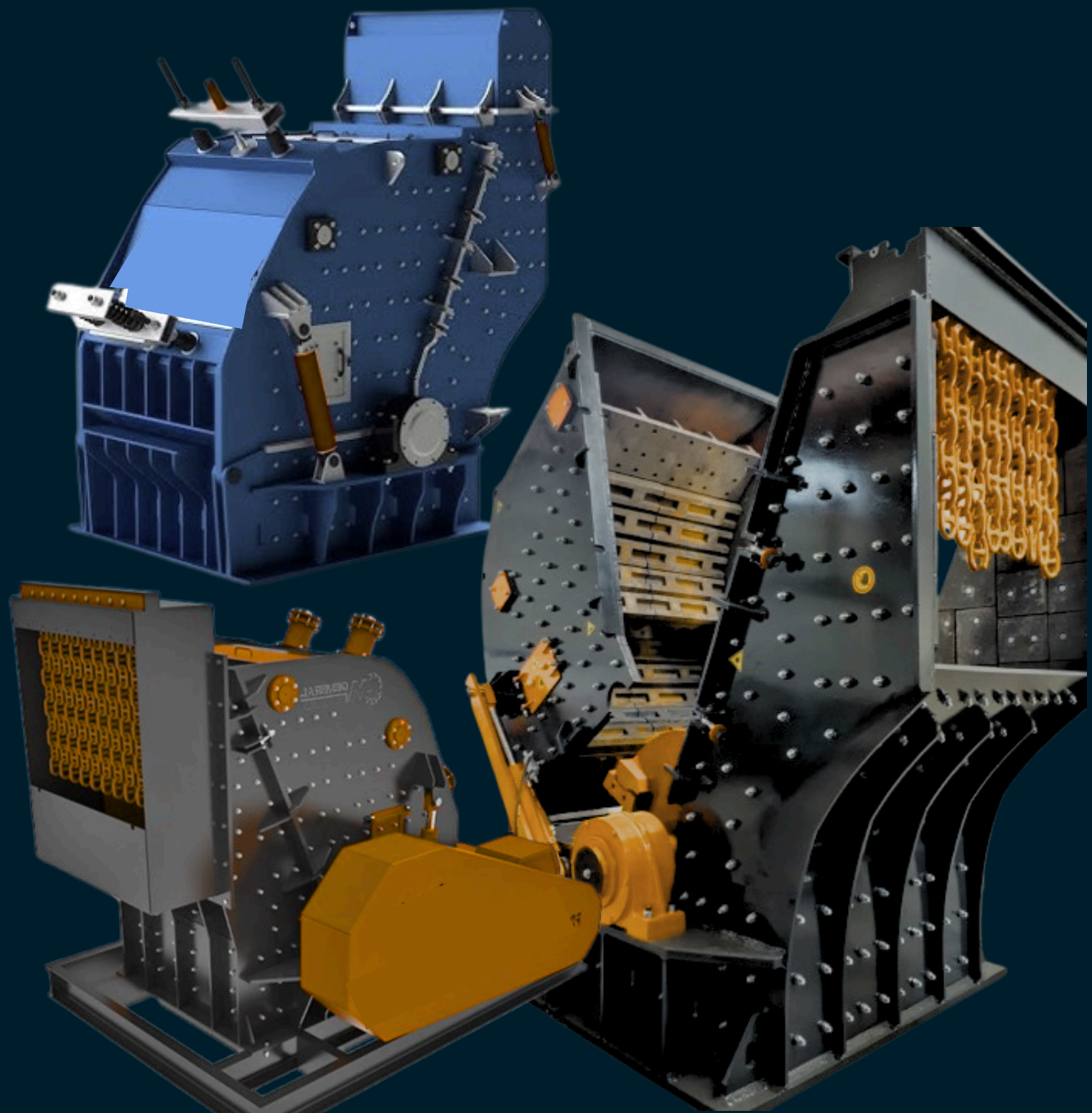
The crushers, such as MG-02, MG-03, MG-07, MG-11, and others, vary in dimensions, power, and capacity, allowing us to tailor solutions for specific project requirements. Whether you need a primary crusher for the initial breaking down of large materials or a secondary crusher to refine the output further, we have the right equipment to get the job done efficiently.

All components, including the feeders, crushers, screens, sand augers, and belt conveyors, work in harmony to create full crushing and screening plants. These plants are custom-built to meet the unique needs of various projects, ensuring smooth operation and optimal performance. By utilizing MEGAMAK's crushers, clients can expect high output, reduced operational costs, and equipment that stands up to the toughest conditions.

At MEGAMAK, we specialize in delivering complete crushing and screening solutions, combining our robust range of machines into integrated plants that streamline production and ensure high-quality end results.



# PRIMARY IMPACT CRUSHERS



Primary impact crushers are highly efficient machines designed to handle large feed sizes and deliver high reduction ratios in the initial stages of crushing. These crushers are essential for breaking down tough materials like limestone, granite, and other medium-hard stones, providing consistent output for further processing. MEGAMAK's primary impact crushers are known for their robust construction and ability to crush large rocks into smaller, manageable pieces, making them ideal for heavy-duty applications. Engineered with durable rotors and powerful motors, these crushers ensure optimal performance while minimizing wear and tear, even when processing abrasive materials. The impact crushers use advanced technology to ensure precise material breakdown, enhancing productivity and ensuring high-quality end products.

In addition to their superior crushing performance, MEGAMAK primary impact crushers are designed for easy maintenance, with accessible components that allow for quick adjustments and repairs. This results in reduced downtime and operational efficiency, making them the perfect choice for quarry operators and contractors working on large-scale projects.

MEGAMAK's primary impact crushers are versatile, capable of handling various feed sizes and adapting to different material characteristics, ensuring reliability and effectiveness in a wide range of crushing environments. Whether integrated into a complete crushing plant or used as standalone machines, our impact crushers deliver outstanding results for all primary crushing applications.



TYPE	ROTOR DIMENSIONS (MM)	POWER (kW - RPM)	MAX FEED SIZE (MM)	CAPACITY (t/h)	WEIGHT (kg)
PDK 1418	1400 x 1800	315-355 / 1500	1200	600 - 800	33
PDK-01	1400 x 1500	200 / 1500	1000	400 - 600	30
PDK-02	1400 x 1300	250 / 1500	900	200 - 300	27

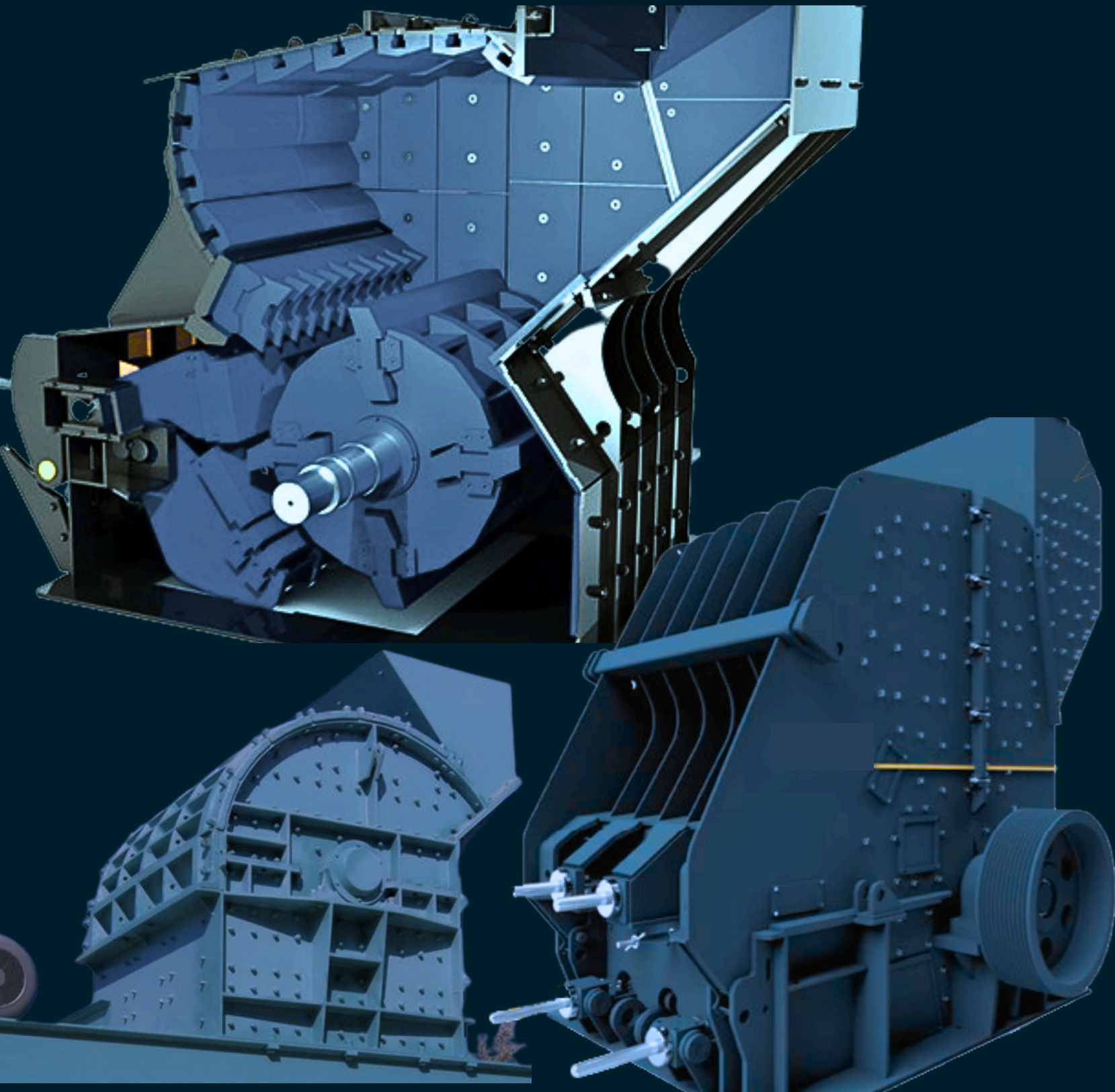
MEGAMAK's Primary Impact Crushers are designed to handle large feed sizes, offering superior crushing performance for high-capacity operations. These machines are particularly suited for the initial stage of material reduction, breaking down hard and abrasive materials like limestone and granite with ease.

With robust rotors and powerful motors, the PDK 1418, PDK-01, and PDK-02 models deliver efficient and reliable performance. The PDK 1418 can process feed sizes up to 1200 mm, with a capacity ranging from 600 to 800 tons per hour, making it ideal for heavy-duty applications. The PDK-01 and PDK-02 models, while slightly smaller, also offer impressive capabilities, with maximum feed sizes of 1000 mm and 900 mm, and capacities of 400-600 t/h and 200-300 t/h, respectively.

These crushers are built with durability and ease of maintenance in mind, minimizing downtime and ensuring long-term reliability. Their ability to handle large material volumes with efficiency makes them an essential part of any high-output crushing operation.



# SECONDARY IMPACT CRUSHERS



Secondary impact crushers are designed to provide high-efficiency reduction of medium-hard to hard materials, following the primary crushing stage. These machines are ideal for refining materials like limestone, gravel, and various aggregates, delivering a finely crushed product that meets specific project requirements. MEGAMAK's secondary impact crushers offer excellent performance in shaping and further reducing the size of the crushed material, making them crucial for high-quality aggregate production.

Built with precision engineering, these crushers feature powerful rotors that generate strong impact forces to break down materials effectively. The adjustable settings allow operators to control the final product size, ensuring that the material is perfectly shaped and sized for downstream processes.

MEGAMAK's secondary impact crushers are designed for durability and ease of maintenance, with wear-resistant components and simple access for quick adjustments or part replacements. This reduces downtime and ensures continuous, reliable operation even under demanding conditions. Whether integrated into a full crushing and screening plant or used as a standalone unit, MEGAMAK's secondary impact crushers deliver consistent, high-quality results while maximizing productivity and minimizing operational costs. They are essential for any operation that requires the secondary processing of materials, ensuring that the output meets the highest standards of quality and precision.



TYPE	ROTOR DIMENSIONS (MM)	POWER (kW - RPM)	MAX FEED SIZE (MM)	CAPACITY (t/h)	WEIGHT (kg)
PST-0,75	750 x 1100	132 / 1500	250	75 - 100	18,5
PST-01	1000 x 1100	160 / 1500	250	100 - 150	20
PST-02	1250 x 1100	200 / 1500	250	200 - 250	26
PST-03	1500 x 1100	250-315 / 1500	250	250 - 300	28

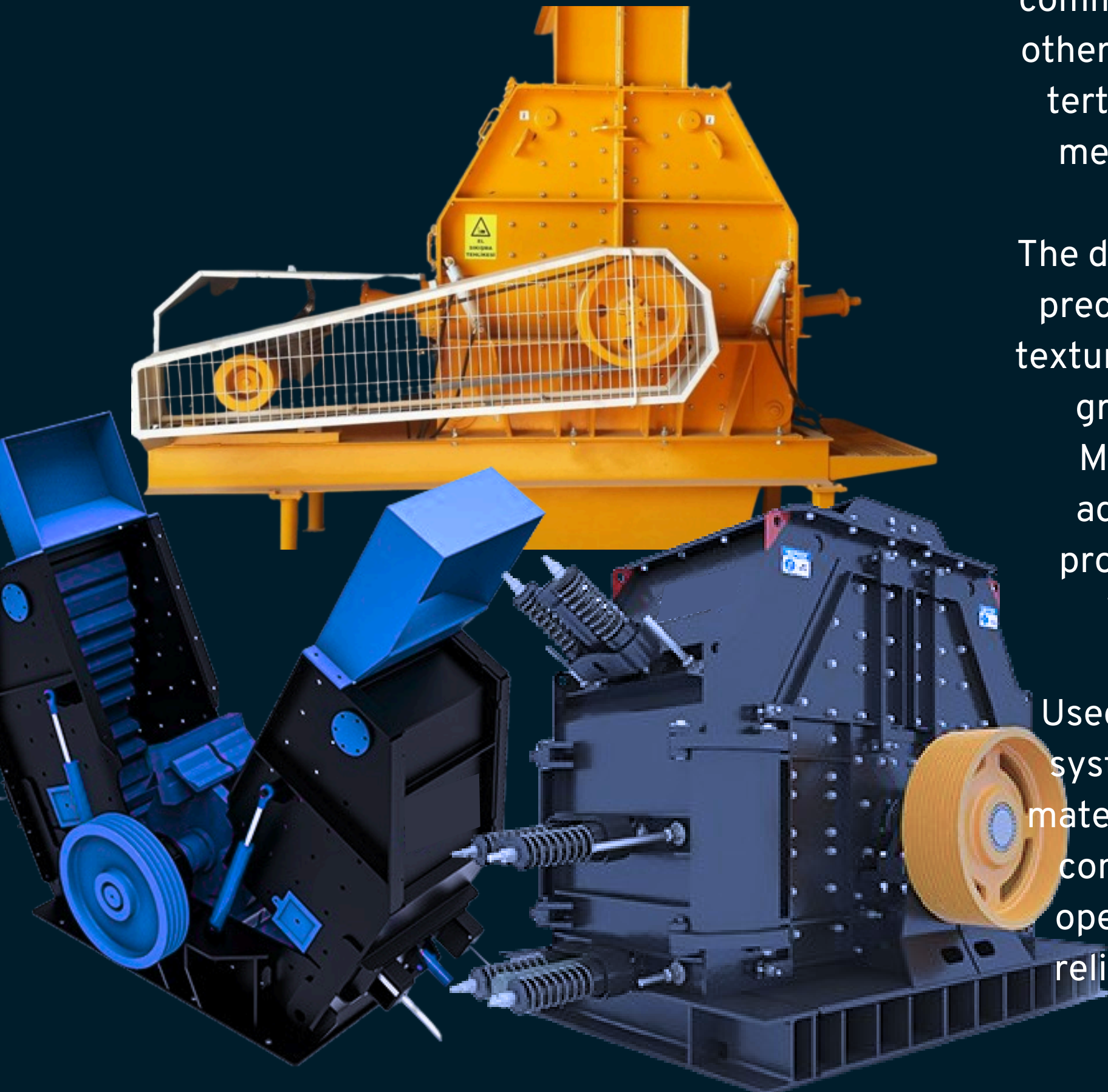
MEGAMAK's Secondary Impact Crushers are engineered to deliver high-efficiency material reduction after the primary crushing stage. These machines are ideal for producing precisely sized and shaped materials for use in various applications, such as road construction, concrete production, and aggregate refining.

The PST series, including models like PST-0,75, PST-01, PST-02, and PST-03, are capable of processing feed sizes up to 250 mm, ensuring high reduction ratios while maintaining the quality and shape of the final product. The capacities of these crushers range from 75 to 300 tons per hour, depending on the model, making them versatile options for mid to large-scale operations.

With adjustable settings, MEGAMAK's secondary impact crushers allow for precise control of the output size, ensuring consistency and meeting project-specific requirements. These crushers are built with durability and operational efficiency in mind, featuring wear-resistant parts that ensure long-term reliability and reduced maintenance needs. Whether integrated into a full crushing plant or used individually, these machines play a key role in producing high-quality materials for various industries.



# TERTIARY CRUSHERS



Tertiary impact crushers are designed to provide precise and fine material reduction after secondary crushing, delivering well-shaped aggregates and high-quality output for a variety of applications. These crushers are commonly used in the production of fine materials for concrete, asphalt, and other construction needs where uniform particle size is crucial. MEGAMAK's tertiary crushers are highly efficient, ensuring that the crushed materials meet the highest standards of quality and are perfectly shaped for their intended use.

The design of tertiary crushers allows them to handle smaller feed sizes with precision, breaking down materials further to achieve the desired size and texture. They are especially effective in producing materials with a fine, even grain that is essential for finishing processes in construction projects. MEGAMAK's tertiary crushers are built with high wear resistance and advanced technology to minimize operational costs while maximizing productivity. These machines are easy to maintain, with quick access to internal parts for inspections and replacements, ensuring smooth, uninterrupted operation.

Used alongside primary and secondary crushers in an integrated crushing system, tertiary impact crushers ensure a consistent flow of high-quality materials, supporting various industrial applications where precise material control is required. Whether in small-scale projects or large commercial operations, MEGAMAK's tertiary impact crushers provide the efficiency, reliability, and fine material output needed to meet the most demanding specifications.



TYPE	ROTOR DIMENSIONS (MM)	POWER (kW - RPM)	MAX FEED SIZE (MM)	CAPACITY (t/h)	WEIGHT (kg)
TRS-75	1040 x 750	160 / 1500	70 - 100	100	14
TRS-100	1040 x 1000	200 / 1500	70 - 100	150	16
TRS-130	1040 x 1300	250 / 1500	70 - 100	200	18
TRS-150	1040 x 1500	250-315 / 1500	100 - 120	250	20

MEGAMAK's tertiary impact crushers are designed to handle the final stage of material reduction, ensuring precise shaping and refinement of the material. These machines excel at producing fine, uniform aggregates for industries requiring high-quality, well-graded products, such as concrete production and asphalt mixing.

The TRS series of tertiary crushers, including models TRS-75, TRS-100, TRS-130, and TRS-150, feature powerful rotors and advanced designs capable of processing feed sizes between 70-120 mm. These crushers ensure fine output with capacities ranging from 100 to 250 tons per hour, depending on the model.

MEGAMAK's tertiary impact crushers are built to last, featuring wear-resistant components and efficient energy use. They are also designed for easy maintenance, with accessible parts for quick adjustments and replacements. These crushers, when integrated with primary and secondary crushers, complete the crushing process by delivering high-quality, finely crushed material that meets specific project requirements, making them an essential part of any modern crushing operation.



# VERTICAL SHAFT IMPACT CRUSHERS



**\*\*Vertical Shaft Impact (VSI) crushers\*\*** are highly efficient machines designed for producing fine, high-quality material in the final stages of crushing. Unlike traditional crushers, VSI crushers use a unique method of breaking down materials by propelling them against a high-speed rotating rotor and then allowing the material to collide with the surrounding anvil walls or rock bed, depending on the configuration. This process produces finely shaped, cubical aggregates that are ideal for use in concrete production, asphalt, and various construction applications.

MEGAMAK's VSI crushers are especially effective for applications that require highly consistent and well-shaped output, such as the production of fine gravel, sand, or for applications requiring precision in particle size. The high-speed rotor design ensures that the material is thoroughly processed, and the adjustable settings allow operators to fine-tune the output for different material requirements.

The crushers are designed to be energy-efficient, ensuring high throughput with minimal operational costs. Furthermore, VSI crushers are ideal for handling a wide variety of materials, including hard and abrasive ones, and are known for their ability to reduce wear and tear on other processing equipment, thus extending the lifespan of the overall system.

These machines are built to provide long-term durability with easy maintenance access, making them reliable for continuous use in demanding environments. MEGAMAK's VSI crushers deliver precise results and ensure high-quality material output, making them essential for industries that prioritize fine material production and shape control.



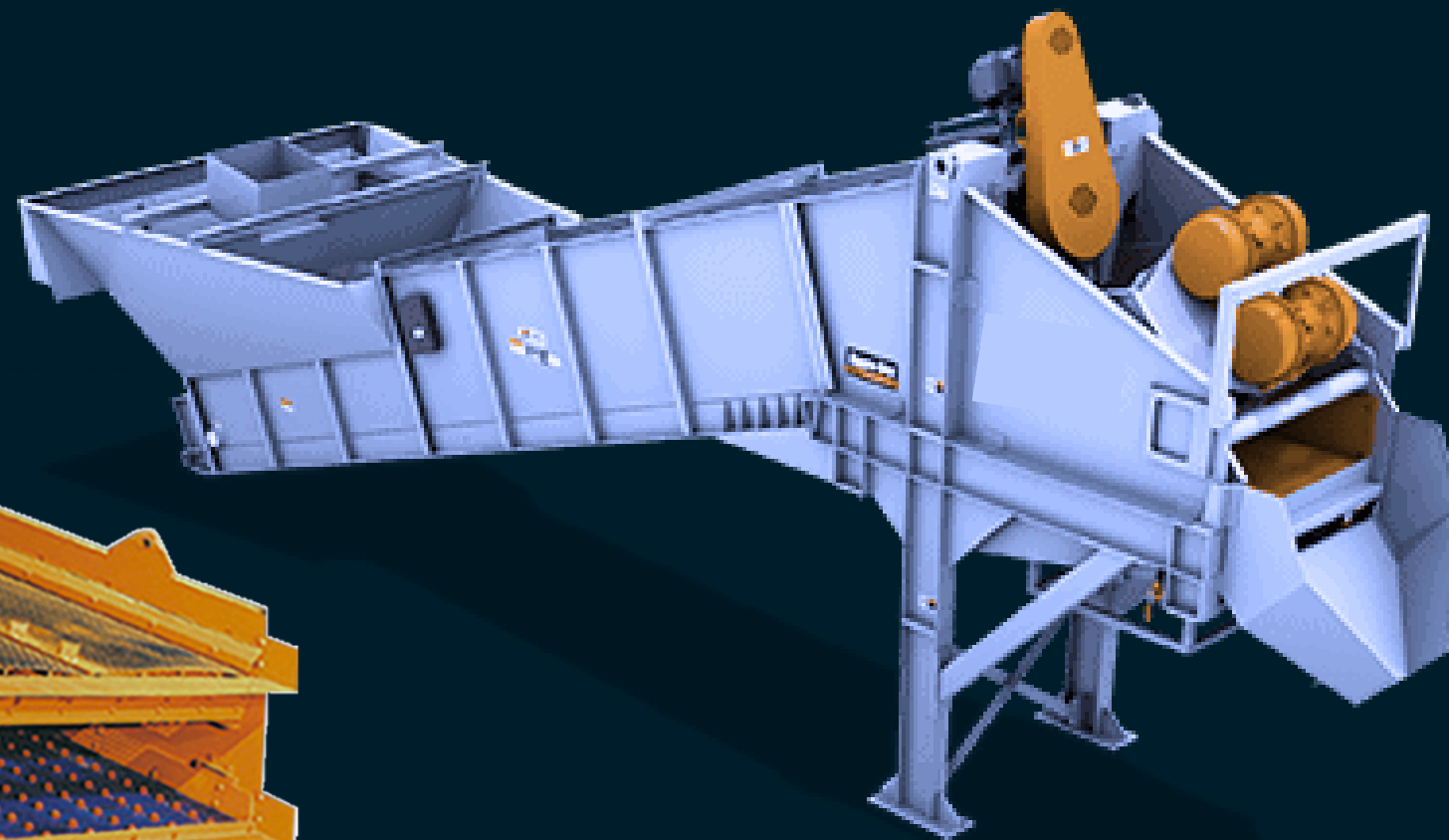


Vertical Shaft Impact (VSI) crushers are highly versatile machines used in various stages of crushing, often as third or fourth-stage crushers. VSI units are particularly effective at producing fine aggregate and shaping material into precise particle sizes. For VSI crushers, capacities generally range depending on the model and the materials being processed. For example, VSI crushers like REMco's RockMax series typically operate in open or closed circuits, handling feed sizes from around 100mm (4 inches) down to fine sands, with production capacities varying significantly. These machines can produce anywhere from 100 to 600 tons per hour, depending on the specific application and material hardness.

At MEGAMAK, our VSI crushers are designed to meet similar performance standards, tailored to the requirements of different projects. Whether it's for small-scale operations or high-capacity crushing systems, we offer robust VSI solutions capable of handling a wide range of feed sizes and achieving high-quality aggregate production.



# SPARE PARTS FOR CRUSHING AND SCREENING PLANTS



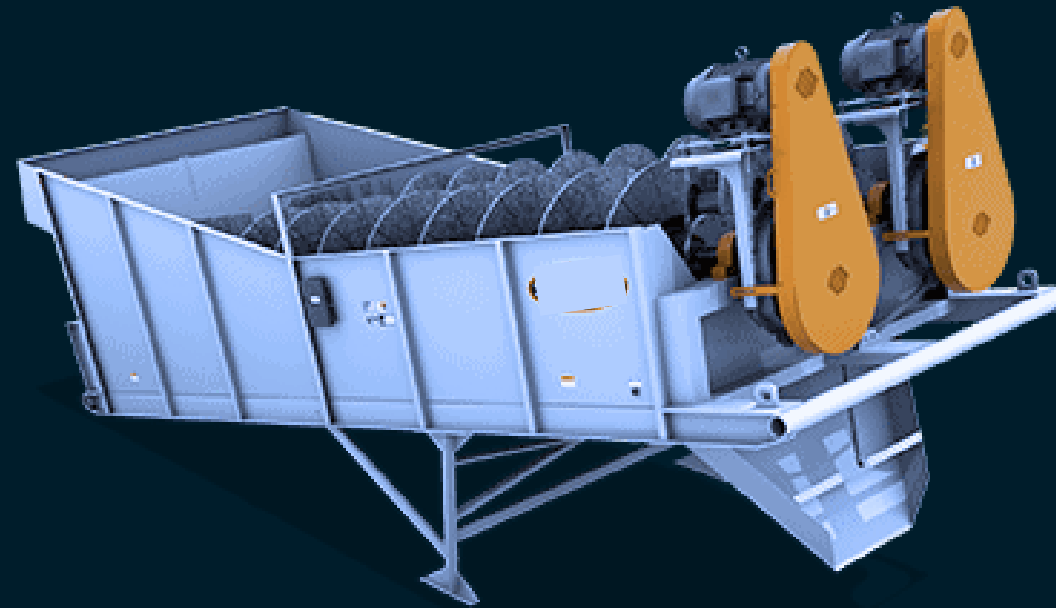
At MEGAMAK, we provide all the necessary equipment for crusher plants, including vibrating feeders, vibrating screens, and gravel wash units, ensuring that the entire system operates seamlessly and efficiently. These components are designed to meet the demands of various crushing processes, facilitating smooth material flow, precise screening, and effective washing. More detailed information on these units will follow to outline how they contribute to the overall performance of the plant and support different project needs.





## VIBRATING FEEDERS

These feeders ensure a continuous and controlled flow of materials to the crushers. They handle materials of varying sizes and deliver them evenly to maximize crusher efficiency.



## GRAVEL WASHING UNITS

Gravel wash units clean and remove impurities from the crushed materials, enhancing the quality of the final product. They are essential for producing high-grade, clean aggregates for construction and other uses.



## VIBRATING SCREENS

Vibrating screens are used to separate materials based on size, ensuring the right product granularity for further processing or final use. They are designed to handle heavy loads and provide precise separation.



# REFERENCES

● MEGAMAK WAS HERE



**WE SUCCESSFULLY COMPLETED OVER 500 CONCRETE  
BATCHING AND CRUSHING & SCREENING PLANTS IN MORE  
THAN 20 COUNTRIES**

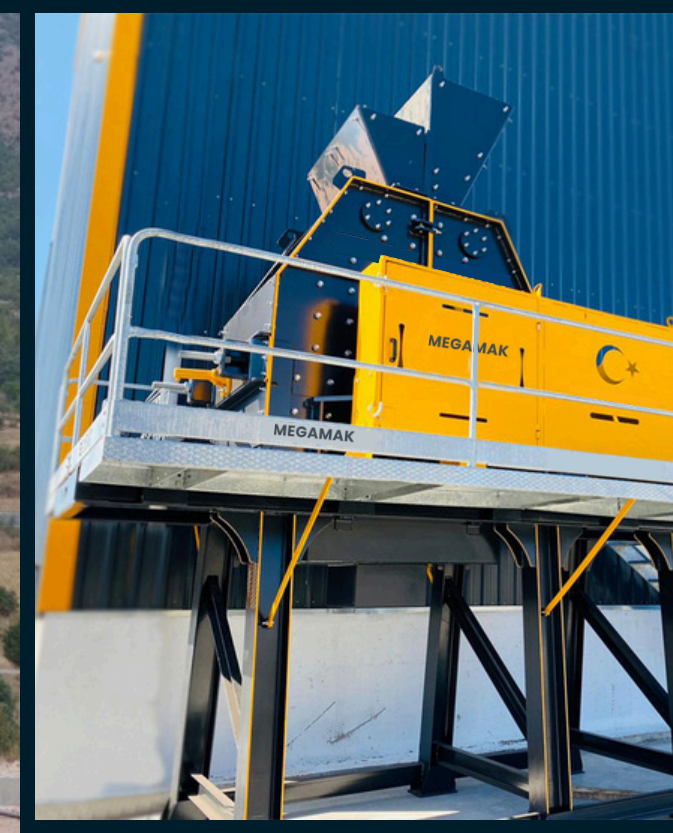




# MEGAMAK



*Quality is never a coincidence*



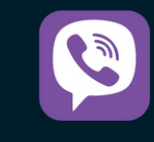
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