



CONCRETE PLANT





CONCRETE PLANT

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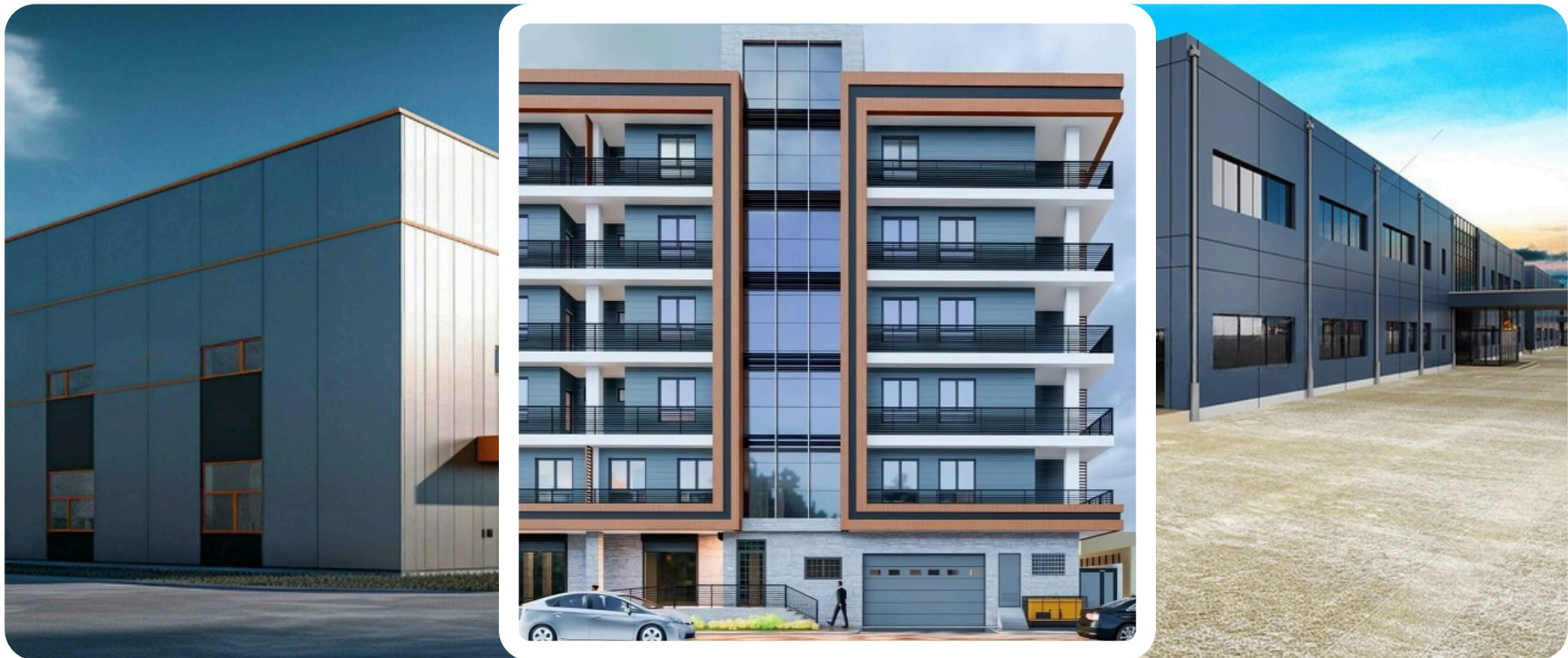
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SUMMARY
ABOUT PANGIN SERVICES
MOBILE CONCRETE PLANTS
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ABOUT PANGIN SERVICES

Pangin Services, as the leading Turkish manufacturer of concrete plants and machinery, is a global brand that exports to over 65 countries across 5 continents. Its vision is to create sustainable value by providing innovative and sustainable solutions to the needs of customers worldwide. Focused on excellence, the company aims to maximize customer satisfaction by combining technology and innovation. The modern production site in Mersin is supported by strategic investments that contribute to the future growth of the company. It aims to establish strong, long-term business partnerships through its reliability, quality, and customer-oriented approaches.



MOBILE CONCRETE PLANTS

MOBILE 30
MOBILE 60
MOBILE 100
MOBILE 120

PANGIN
SERVICES



MOBILE CONCRETE PLANTS

What is a mobile concrete plant? A mobile concrete plant consists of the same units as a fixed concrete plant, where these units are mounted on a chassis with axles and wheels. When this chassis is towed by a tractor-truck, the mobile concrete plant can be easily transported. When the project is short-term and the plant will be reused at the end, mobile concrete plants are recommended. In this case, mobile concrete plants are used instead of fixed concrete plants. Only a flat concrete surface is required for the installation of portable concrete plants.

The Advantages of the Mobile Concrete Plant.

- **Easier to transport.** The main unit of a mobile concrete plant can be transported by a truck tractor.
- **Faster and easier installation, dismantling, and relocation.** Flexibility.
- **Less installation space.** Can be installed within the project area.
- **Lower concrete foundation requirements.** Can be installed on a flat concrete surface.
- **Easier installation permits.** In some cases, no permits are required.

MOBILE CONCRETE PLANTS

MOBILE 30



The Mobile 30 is a mobile concrete plant that is perfectly suited for small to medium-sized construction projects. It can produce up to 30 cubic meters of concrete per hour and is easy to transport.

MOBILE CONCRETE PLANTS

MOBILE 30



Production capacity: 30 m³/h

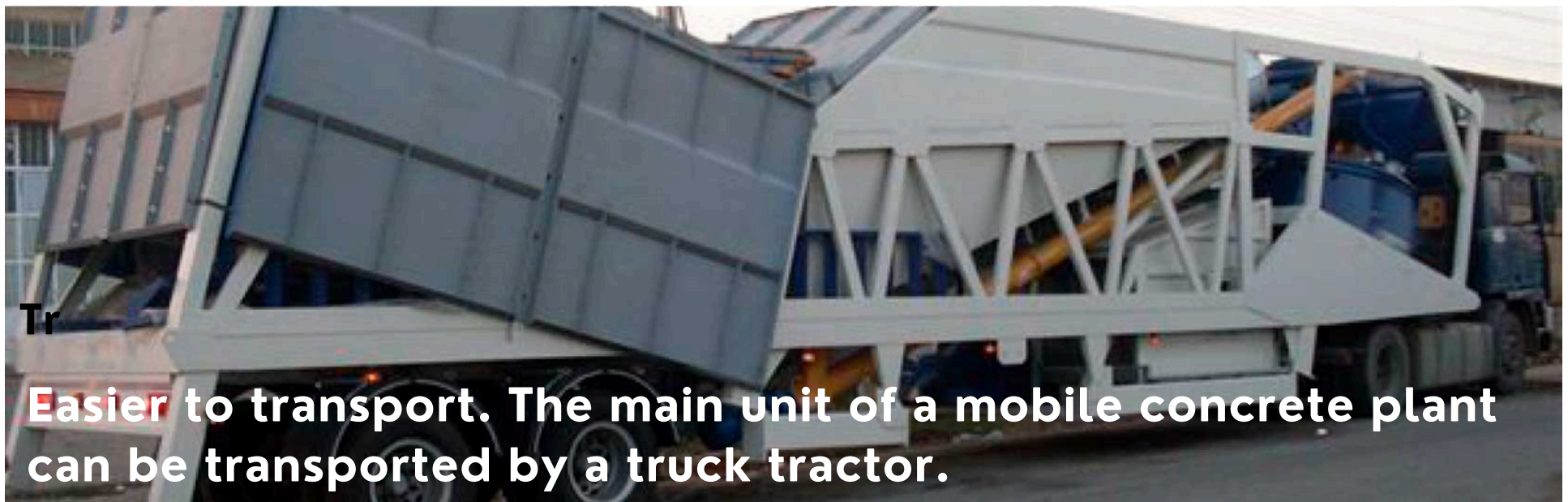
Mixer capacity: 0.5 m³ of compacted concrete per batch

Aggregate weighing hopper: 0.75 m³

Aggregate transfer conveyor: 600×12,000 mm

MOBILE CONCRETE PLANTS

MOBILE 30



Tr

Easier to transport. The main unit of a mobile concrete plant can be transported by a truck tractor.

MOBILE CONCRETE PLANTS

MOBILE 30

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	30	m ³ /hr
Integrated cement silo	26	T
Wet concrete volume of the mixer	0.5	m ³
Aggregate weighing hopper	0.75	m ³
Mixer motor power	65	kW
Aggregate weighing hopper	4 x 10	m ³
Aggregate transfer conveyor	600 x 12,000	mm
Cement weighing hopper	300	kg
Water weighing hopper	200	litres
Additive weighing hopper	20	kg
Air compressor	300, 5.5	Litres, kW
Integrated cement silo	26	Tonne
Cement silo - Option 2	75 to 500	Tonne
Control type	Automatic	-
Weight	16	Tonne

MOBILE CONCRETE PLANTS

MOBILE 60



The Mobile 60 concrete plant, with a capacity of 60 m³/h, is the most cost-effective solution thanks to its patented inline aggregate hopper design.

An aerial photograph of a Mobile 60 concrete plant at a construction site. The plant is a large, white, modular structure with two tall vertical silos for cement storage. It features a complex network of metal walkways and ladders. A long, inclined conveyor belt system extends from the plant towards the left, leading to a large, rectangular aggregate hopper. A yellow forklift is positioned near the base of the plant. In the background, there is a gravel area, a white pickup truck, and a partially constructed concrete foundation. The surrounding area is a mix of dirt, gravel, and green vegetation.

MOBILE CONCRETE PLANTS

MOBILE 60



Production capacity: 60 m³/h

Mixer capacity: 1.5 m³ of compacted concrete per batch

Aggregate weighing hopper: 1 m³

Aggregate transfer conveyor: 800×12,000 mm

MOBILE CONCRETE PLANTS

MOBILE 60



Transport

MOBILE CONCRETE PLANTS

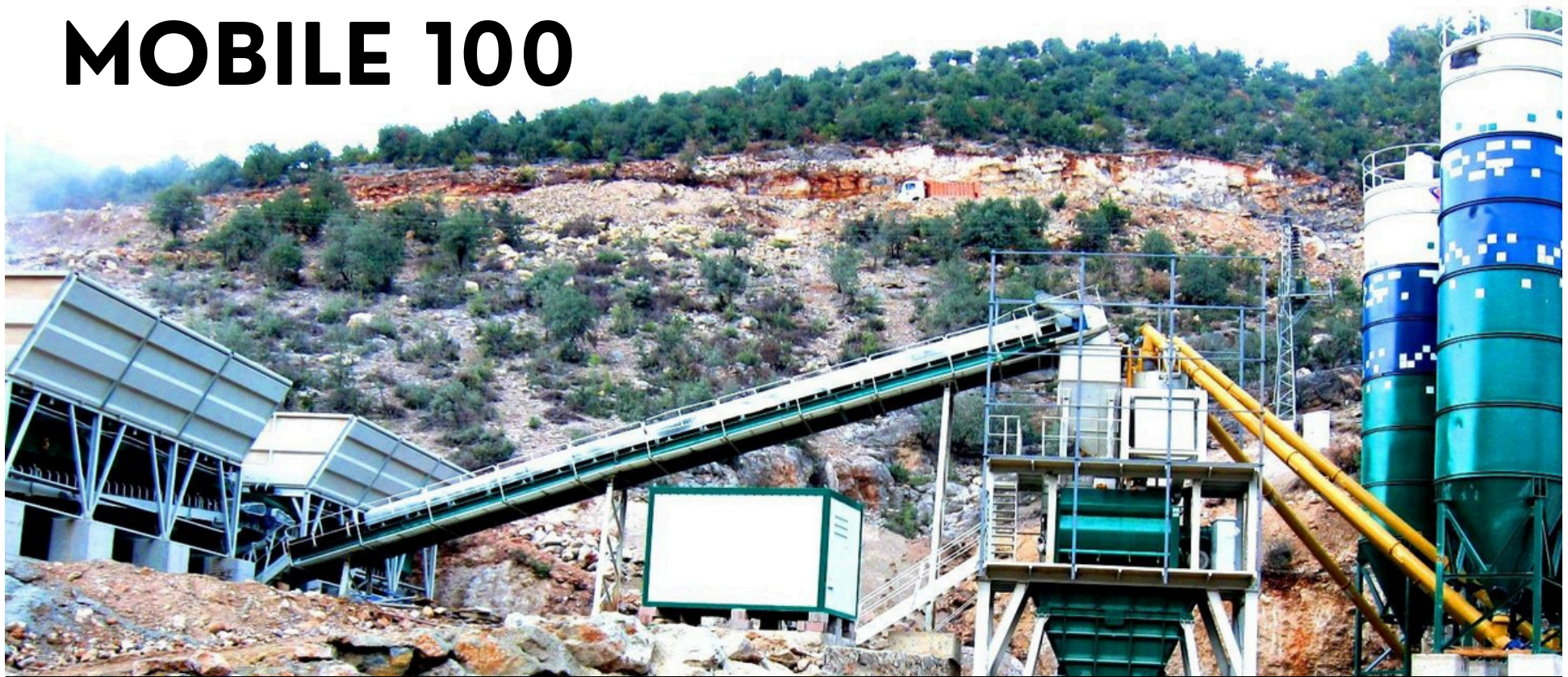
MOBILE 60

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	60	m ³ /hr
Integrated cement silo	26	T
Wet concrete volume of the mixer	1.5	m ³
Aggregate weighing hopper	1	m ³
Mixer motor power	85	kW
Aggregate weighing hopper	4 x 10	m ³
Aggregate transfer conveyor	800 x 12,000	mm
Cement weighing hopper	600	kg
Water weighing hopper	300	litres
Additive weighing hopper	50	kg
Air compressor	300, 5.5	Litres, kW
Cement silo - Option 2	50 to 200	Tonne
Control type	Automatic	-
Weight	23	Tonne

MOBILE CONCRETE PLANTS

MOBILE 100



The mobile concrete plant 100 has a production capacity of 100 m³/h. It derives its mixing power for the production of ready-mixed concrete from a twin-shaft mixer with a capacity of 2 m³.

MOBILE CONCRETE PLANTS

MOBILE 100

Production capacity: 100 m³/h

Mixer capacity: 2 m³ of compacted concrete per batch

Aggregate weighing hopper: 2 m³

Aggregate transfer conveyor: 1,000×12,000 mm



MOBILE CONCRETE PLANTS MOBILE 100



Transport

MOBILE CONCRETE PLANTS MOBILE 100

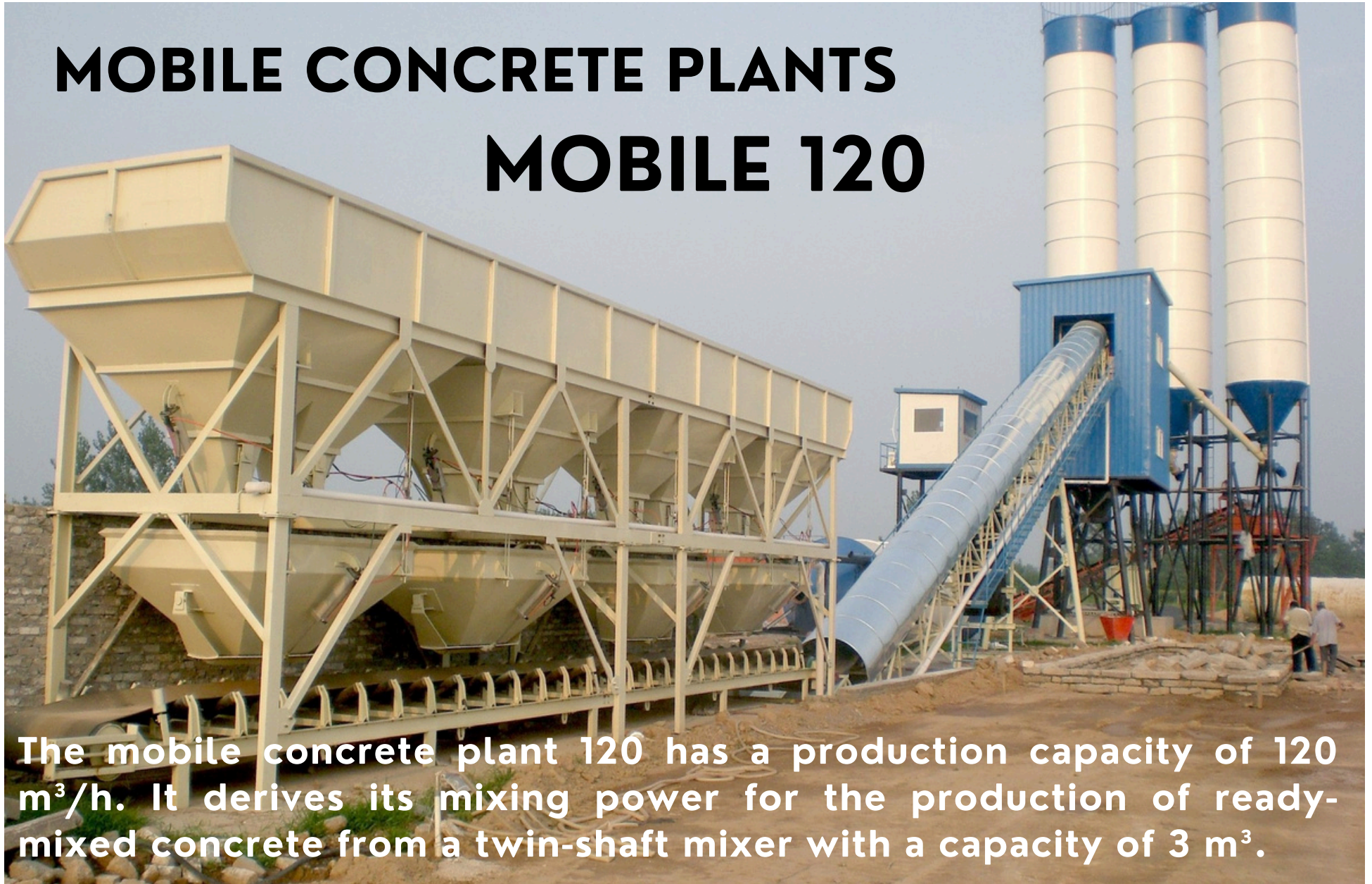
TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	100	m ³ /hr
Integrated cement silo	26	T
Wet concrete volume of the mixer	2	m ³
Aggregate weighing hopper	2	m ³
Mixer motor power	125	kW
Aggregate weighing hopper	4 x 10	m ³
Aggregate transfer conveyor	1,000 x 12,000	mm
Cement weighing hopper	1200	kg
Water weighing hopper	800	litres
Additive weighing hopper	30	kg
Air compressor	500, 7.5	Litres, kW
Cement silo - Option 2	50 to 200	Tonne
Control type	Automatic	-
Weight	28	Tonne

MOBILE CONCRETE PLANTS

MOBILE 120

The mobile concrete plant 120 has a production capacity of 120 m³/h. It derives its mixing power for the production of ready-mixed concrete from a twin-shaft mixer with a capacity of 3 m³.



MOBILE CONCRETE PLANTS

MOBILE 120



Production capacity: 120 m³/h

Mixer capacity: 3 m³ of compacted concrete per batch

Aggregate weighing hopper: 4 m³

Aggregate transfer conveyor: 1,000×14,000 mm

MOBILE CONCRETE PLANTS

MOBILE 120



MOBILE CONCRETE PLANTS

MOBILE 120

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	120	m ³ /hr
Integrated cement silo	26	T
Wet concrete volume of the mixer	3	m ³
Aggregate weighing hopper	4	m ³
Mixer motor power	205	kW
Aggregate weighing hopper	4 x 25	m ³
Aggregate weighing conveyor	1,000 x 14,000	mm
Aggregate transfer conveyor	1,000 x 15,000	mm
Cement weighing hopper	1800	kg
Water weighing hopper	1000	litres
Additive weighing hopper	50	kg
Air compressor	500, 7.5	Litres, kW
Cement silo - Option 2	75 to 500	Tonne
Control type	Automatic	-
Weight	58	Tonne

FIXED CONCRETE PLANTS

What is a fixed concrete plant? Fixed concrete plants are systems that can produce large quantities of concrete in a short amount of time. Therefore, it is considered that stationary concrete plants will be built in the same location for an extended period. Unlike compact or mobile concrete plants, fixed concrete plants do not offer the advantage of mobility.

The Advantages of the Fixed Concrete Plant.

- **High production capacity and high performance** (Wide range of concrete production from 30 m³/h to 200 m³/h with a single mixer, and up to 400 m³/h with a double mixer)
- **Great configuration flexibility** thanks to its adaptable structure, configuration options can fully meet customer needs
- **Special installation capability** fully compatible with the installation area
- **Durable and long-lasting design** of the main chassis and aggregate bunker (Robust construction, safe transport, long-lasting operation and weighing, minimizing vibrations, and providing accurate weighing)
- **Easy and quick maintenance advantage**
- **Production installation for wet, dry, or wet and dry concrete types**

FIXED CONCRETE PLANTS

STATIONARY 60
STATIONARY 100
STATIONARY 120
STATIONARY 160



FIXED CONCRETE PLANTS STATIONARY 60

A photograph of a large, industrial stationary concrete plant. The plant features a tall, cylindrical silo with a metal ladder and platform. To the left, there is a large, light-colored hopper or storage bin. The entire structure is supported by a metal framework. The background shows a clear blue sky with some light clouds and a line of trees in the distance.

The stationary concrete plant 60 is capable of producing 60 cubic meters of concrete per hour. It is an ideal solution for medium to long-term ready-mix concrete projects.

FIXED CONCRETE PLANTS STATIONARY 60

A yellow fixed concrete plant is shown in an outdoor setting. The plant features a long, inclined conveyor belt system for aggregate transfer, a large yellow hopper for weighing aggregate, and a tall yellow silo for cement storage. The entire structure is supported by a yellow metal frame. The background shows a clear blue sky with some clouds and a line of green trees in the distance.

Production capacity: 60 m³/h
Mixer capacity: 1 m³ of compacted concrete per batch
Aggregate weighing hopper: 1.5 m³
Aggregate transfer conveyor: 800×22,000 mm

FIXED CONCRETE PLANTS STATIONARY 60

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	60	m ³ /hr
Wet concrete volume of the mixer	1	m ³
Aggregate reserve hopper	1.5	m ³
Mixer motor power	125	kW
Aggregate hopper volume	4 x 20	m ³
Aggregate weighing hopper	800 x 11,000	mm
Aggregate transfer conveyor	800 x 22,000	mm
Cement weighing hopper	600	kg
Water weighing hopper	300	litres
Additive weighing hopper	20	kg
Air compressor	300, 5.5	Litres, kW
Cement silo - Optional	50 to 200	Tonne
Control type	Automatic	-
Weight	38	Tonne

FIXED CONCRETE PLANTS STATIONARY 100



The stationary concrete plant 160 is capable of producing 100 cubic meters of concrete per hour. It is an ideal solution for large-capacity ready-mix concrete projects of medium to long duration.

FIXED CONCRETE PLANTS STATIONARY 100



Production capacity: 100 m³/h

Mixer capacity: 2 m³ of compacted concrete per batch

Aggregate weighing hopper: 3 m³

Aggregate transfer conveyor: 1,000×25,000 mm

FIXED CONCRETE PLANTS STATIONARY 100

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	100	m ³ /hr
Wet concrete volume of the mixer	2	m ³
Aggregate reserve hopper	3	m ³
Mixer motor power	175	kW
Aggregate hopper volume	4 x 25	m ³
Aggregate weighing hopper	1,000 x 11,000	mm
Aggregate transfer conveyor	1,000 x 25,000	mm
Cement weighing hopper	1200	kg
Water weighing hopper	600	litres
Additive weighing hopper	30	kg
Air compressor	500, 5.5	Litres, kW
Cement silo - Optional	75 to 200	Tonne
Control type	Automatic	-
Weight	48	Tonne

FIXED CONCRETE PLANTS STATIONARY 120

The stationary concrete plant 120 is capable of producing 120 cubic meters of concrete per hour. It is an ideal solution for large-capacity ready-mix concrete projects of medium to long duration.



FIXED CONCRETE PLANTS STATIONARY 120

Production capacity: 120 m³/h

Mixer capacity: 3 m³ of compacted concrete per batch

Aggregate weighing hopper: 4.5 m³

Aggregate transfer conveyor: 1,000×30,000 mm



FIXED CONCRETE PLANTS STATIONARY 120

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	120	m ³ /hr
Wet concrete volume of the mixer	3	m ³
Aggregate reserve hopper	4.5	m ³
Mixer motor power	205	kW
Aggregate hopper volume	4 x 30	m ³
Aggregate weighing hopper	1,000 x 13,000	mm
Aggregate transfer conveyor	1,000 x 30,000	mm
Cement weighing hopper	1800	kg
Water weighing hopper	1000	litres
Additive weighing hopper	50	kg
Air compressor	500, 5.5	Litres, kW
Cement silo - Optional	50 to 200	Tonne
Control type	Automatic	-
Weight	58	Tonne

A photograph of a large industrial concrete plant. On the left is a tall, white, cylindrical silo with a metal ladder and platform. To its right is a large, rectangular building with vertical corrugated metal siding. A yellow conveyor belt runs from the silo towards the building. In the background, there are more industrial structures, including a tall chimney and a large horizontal pipe. The sky is clear and blue.

FIXED CONCRETE PLANTS STATIONARY 160

The stationary concrete plant 160 is capable of producing 160 cubic meters of concrete per hour. It is an ideal solution for large-capacity ready-mix concrete projects of medium to long duration.

FIXED CONCRETE PLANTS STATIONARY 160



Production capacity: 160 m³/h

Mixer capacity: 4 m³ of compacted concrete per batch

Aggregate weighing hopper: 6 m³

Aggregate transfer conveyor: 1,200×34,000 mm

FIXED CONCRETE PLANTS STATIONARY 160

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	160	m ³ /hr
Integrated cement silo	26	T
Wet concrete volume of the mixer	4	m ³
Aggregate weighing hopper	6	m ³
Mixer motor power	260	kW
Aggregate weighing hopper	4 x 40	m ³
Aggregate weighing conveyor	1,200 x 6,500	mm
Aggregate transfer conveyor	1,200 x 34,000	mm
Cement weighing hopper	2400	kg
Water weighing hopper	1000	litres
Additive weighing hopper	100	kg
Air compressor	1000, 11	Litres, kW
Cement silo - Option 2	100 to 500	Tonne
Control type	Automatic	-
Weight	66	Tonne

COMPACT CONCRETE PLANTS

What is a Compact Concrete Plant?

Compact concrete plants are a type of highly functional facility that combines the features of other concrete plants. This type of plant stands out for its characteristics, such as having a large capacity and being easy to install, and is distinguished by its ability to combine various materials. The compact installation type, which integrates materials such as crushed stone, water, cement, sand, and gravel to produce concrete, consists of many automation systems. These include various components such as the mixer feeding belt, the cement screw, and the aggregate bucket.

Advantages of Compact Concrete Plants

The compact concrete plant offers numerous advantages to companies in terms of efficiency and cost.

- **It allows for high profitability in terms of operating and transportation costs.**
- Companies may encounter various difficulties when transporting concrete. With this type of standard, time is saved and delays that may occur during transportation are avoided.
- Profit is derived from the logistics costs incurred to obtain concrete.
- **It supports recycling** by helping to reuse the content of materials.
- **Installation and transportation processes are completed in a minimum amount of time.**
- The same quality of concrete can be achieved for many years.

COMPACT CONCRETE PLANTS

COMPACT 30

COMPACT 60

COMPACT 100



COMPACT CONCRETE PLANTS

COMPACT 30



The COMPACT 30 concrete plant is a better choice when you want to produce a small quantity of concrete. This model combines the advantages of quick installation and a reduced footprint.

COMPACT CONCRETE PLANTS

COMPACT 30



Production capacity: 30 m³/h

Mixer capacity: 0.5 m³ of compacted concrete per batch

Aggregate weighing hopper: 0.75 m³

Aggregate transfer conveyor: 600×4,000 mm

COMPACT CONCRETE PLANTS COMPACT 30

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	30	m ³ /hr
Wet concrete volume of the mixer	0.5	m ³
Aggregate reserve hopper	0.75	m ³
Mixer motor power	80	kW
Aggregate hopper volume	4 x 6	m ³
Aggregate weighing hopper	600 x 4,000	mm
Cement weighing hopper	300	kg
Water weighing hopper	200	litres
Additive weighing hopper	20	kg
Air compressor	300, 4	Litres, kW
Cement silo - Optional	50 to 500	Tonne
Control type	Automatic	-
Weight	13	Tonne

COMPACT CONCRETE PLANTS

COMPACT 60



The COMPACT 60 concrete plant is a better choice when you want to produce concrete for professional construction sites. This model combines the advantages of quick installation and a reduced footprint.

COMPACT CONCRETE PLANTS

COMPACT 60



Production Capacity: 60 m³/h

Mixer Capacity: 1 m³ of compacted concrete per batch

Aggregate Weighing Hopper: 1.5 m³

Aggregate Transfer Conveyor: 800×11,100 mm

COMPACT CONCRETE PLANTS COMPACT 60

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	60	m ³ /hr
Wet concrete volume of the mixer	1	m ³
Aggregate reserve hopper	1.5	m ³
Mixer motor power	105	kW
Aggregate hopper volume	4 x 15	m ³
Aggregate weighing hopper	800 x 11,100	mm
Cement weighing hopper	600	kg
Water weighing hopper	300	litres
Additive weighing hopper	20	kg
Air compressor	300, 4	Litres, kW
Cement silo - Optional	50 to 200	Tonne
Control type	Automatic	-
Weight	28	Tonne

COMPACT CONCRETE PLANTS

COMPACT 100



For mass concrete production, the COMPACT 100 concrete plant is the best solution. This model combines the advantages of quick installation and a reduced footprint.



COMPACT CONCRETE PLANTS

COMPACT 100

Production Capacity: 100 m³/h

Mixer Capacity: 2 m³ of compacted concrete per batch

Aggregate Weighing Hopper: 3 m³

Aggregate Transfer Conveyor: 1,000 × 11,100 mm

COMPACT CONCRETE PLANTS COMPACT 100

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	100	m ³ /hr
Wet concrete volume of the mixer	2	m ³
Aggregate weighing hopper	3	m ³
Mixer motor power	260	kW
Aggregate weighing hopper	4 x 20	m ³
Aggregate weighing conveyor	1,000 x 11,100	mm
Cement weighing hopper	1200	kg
Water weighing hopper	600	litres
Additive weighing hopper	50	kg
Air compressor	500, 5.5	Litres, kW
Cement silo - Option 2	100 to 500	Tonne
Control type	Automatic	
Weight	66	Tonne

DRY BATCHING PLANTS

What is a Dry Batching Plant?

A dry batching plant, also known as a transit mixing plant, weighs sand, gravel, and cement in weighing bins using digital or manual scales. All ingredients are then discharged into a chute that pours into a truck. Meanwhile, water is either weighed or volumetrically measured and poured through the same loading chute into the mixing truck. During transport to the site, these ingredients are mixed for a minimum of 70 to 100 revolutions.

Advantages of Dry Batching Plants:

- **Higher Capacity with Lower Energy Consumption:** The concrete can be mixed without water, resulting in a higher capacity and lower energy consumption.
- **Increased Productivity and Time Savings:** The cooperation between the dry batching plant and the mixer truck can enhance productivity and save time.
- **Fresh Concrete Availability:** Fresh concrete can be used as mixer trucks arrive at the site.
- **Shortened Construction Time:** It shortens construction duration and improves productivity.
- **Lower Energy Consumption Compared to Wet Batching Plants:** It has lower energy consumption compared to wet batching plants.
- **More Efficient Mixing of Concrete:** It allows for more efficient mixing of concrete.

DRY BATCHING PLANTS

Mixer 60

Mixer 100



DRY BATCHING PLANTS

Mixer 60



The dry type stationary concrete plant MIXER 60 is capable of delivering 60 m³ per hour with a rigid and compact design. It is favored in large projects where consistency is paramount.

DRY BATCHING PLANTS

Mixer 60

Production Capacity: 60 m³/h

Mixer Capacity: 1 m³ of compacted concrete per batch

Aggregate Weighing Hopper: 1.5 m³

Aggregate Transfer Conveyor: 650×9,700 mm



DRY BATCHING PLANTS Mixer 60

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	60	m ³ /hr
Aggregate reserve hopper	1.5	m ³
Mixer motor power	80	kW
Aggregate hopper volume	4 x 15	m ³
Aggregate weighing conveyor	650 x 9,700	mm
Aggregate transfer conveyor	650 x 9,700	mm
Cement weighing hopper	1200	kg
Water weighing hopper	600	litres
Additive weighing hopper	30	kg
Air compressor	300, 4	Litres, kW
Cement silo - Optional	50 to 500	Tonne
Control type	Automatic	
Weight	27	Tonne

DRY BATCHING PLANTS

Mixer 100



The MELANGEUR 60 stationary dry concrete plant is capable of providing 100 m³ per hour with a rigid and compact design. It is favored for large projects where consistency is paramount.

DRY BATCHING PLANTS

Mixer 100



Production Capacity: 100 m³/h
Mixer Capacity: 2 m³ of compacted concrete per batch
Aggregate Weighing Hopper: 3 m³
Aggregate Transfer Conveyor: 1,000 × 12,000 mm

DRY BATCHING PLANTS Mixer 100

TECHNICAL SHEET

Specification	Value	Unit
Compacted concrete output	100	m ³ /hr
Aggregate reserve hopper	3	m ³
Mixer motor power	125	kW
Aggregate hopper volume	4 x 20	m ³
Aggregate weighing conveyor	1000 x 11,000	mm
Aggregate transfer conveyor	1000 x 12,000	mm
Cement weighing hopper	1200	kg
Water weighing hopper	600	litres
Additive weighing hopper	30	kg
Air compressor	300, 4	Litres, kW
Cement silo - Optional	50 to 500	Tonne
Control type	Automatic	
Weight	33	Tonne

CONCRETE MIXERS

What is a Concrete Mixer?

A concrete mixer is a device that uniformly mixes cement, aggregates such as sand or gravel, and water to form concrete. The concrete mixer is one of the essential products in the concrete industry. A high-quality concrete mixer is efficiently used for many years and requires minimal maintenance costs. When considering these two factors together, it becomes evident that choosing the right concrete mixer provides significant financial advantages for businesses.

Advantages of a Concrete Mixer

- **The mixer can mix heavy, sticky, or abrasive materials** (concrete, screed, mortar, plaster, adhesive, leveling compound, paint, floor coatings, joint filler, epoxy resin, etc.).
- **The mixing arms of the mixer are interchangeable** depending on the mixture.
- **The rubber mixing blades can be replaced with steel blades** to prevent premature wear of the gears and drum.

CONCRETE MIXERS

- Pan Mixer
- Single Shaft Mixer
- Twin Shaft Mixer
- Planetary Mixer
- Turbo Mixer



CONCRETE MIXERS

Pan Mixer

The 'PAN' concrete mixer is immediately distinguishable from other concrete mixers by its appearance, resembling a large pot. The concrete mix is combined by rotating it clockwise inside the drum, which is produced in various sizes according to requirements.



CONCRETE MIXERS- Pan Mixer

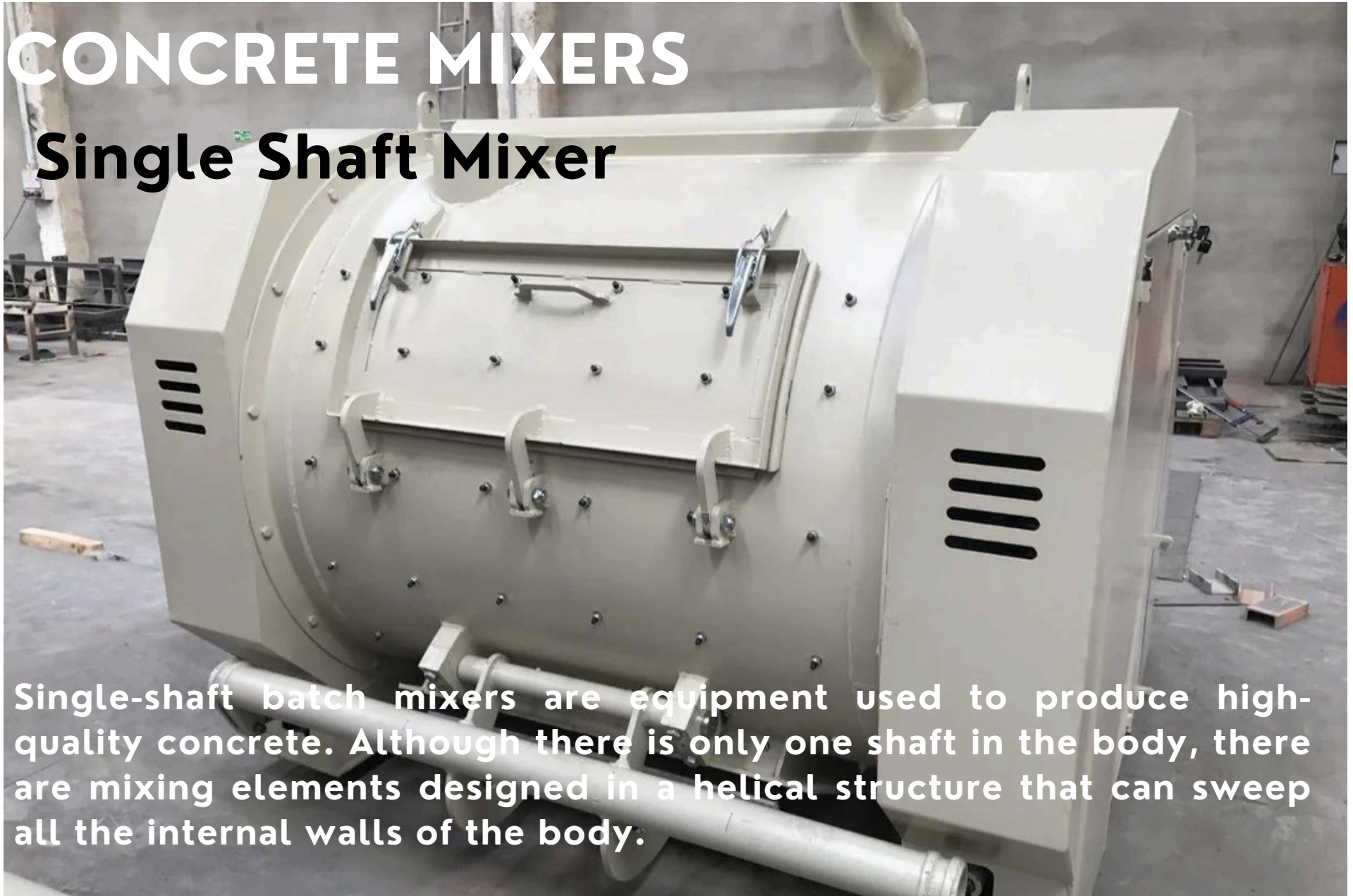
TECHNICAL SHEET

Specification	Value
Loading volume	750 lt
Fresh concrete volume	625 lt
Compacted concrete volume	500 lt
Motor power	22 kW
Side wear plates	10 mm Hardox
Main body wear plates	10 mm Ni-hard
Mixer arm wear plates	25 mm Ni-hard

CONCRETE MIXERS

Single Shaft Mixer

Single-shaft batch mixers are equipment used to produce high-quality concrete. Although there is only one shaft in the body, there are mixing elements designed in a helical structure that can sweep all the internal walls of the body.



CONCRETE MIXERS - Single Shaft Mixer

TECHNICAL SHEET

Specification	Value
Loading volume	750 lt
Fresh concrete volume	625 lt
Compacted concrete volume	500 lt
Motor power	18.5 kW
Side wear plates	10 mm Hardox
Main body wear plates	15 mm Ni-hard
Mixer arm wear plates	25 mm Ni-hard

CONCRETE MIXERS

Twin Shaft Mixer

The twin-shaft mixer is used in fixed or mobile concrete plants to produce ready-mix concrete. The twin-shaft mixer creates ready-mix concrete by homogeneously combining the base components.



CONCRETE MIXERS - Twin Shaft Mixer

TECHNICAL SHEET

Specification	Value
Loading volume	1,500 lt
Fresh concrete volume	1,250 lt
Compacted concrete volume	1,000 lt
Motor power	37 kW
Side wear plates	15 mm Hardox
Main body wear plates	15 mm Ni-hard
Mixer arm wear plates	25 mm Ni-hard

CONCRETE MIXERS



Planetary concrete mixers are commonly used in precast concrete and product factories. Planetary mixers are a special type of pan mixer known for their short mixing time and aggressive mixing action.

CONCRETE MIXERS - Planetary Mixer

TECHNICAL SHEET

Specification	Value
Loading volume	750 lt
Fresh concrete volume	625 lt
Compacted concrete volume	500 lt
Motor power	15.5 kW
Side wear plates	10 mm Hardox
Main body wear plates	8 mm ST52
Mixer arm wear plates	25 mm Ni-hard

CONCRETE MIXERS

Turbo Mixer

The TURBO concrete mixer is also known as the concrete trough mixer. It is designed for high-quality prefabrication, particularly for wet cast mixes.



CONCRETE MIXERS - Turbo Mixer

TECHNICAL SHEET

Specification	Value
Loading volume	750 lt
Fresh concrete volume	625 lt
Compacted concrete volume	500 lt
Motor power	22 kW
Side wear plates	10 mm Hardox
Main body wear plates	10 mm ST52
Mixer arm wear plates	25 mm Ni-hard

CEMENT SILOS

What is a Cement Silo?

Cement silos are storage facilities where cement and other powdered materials are kept for the production of concrete/mortar. Screw conveyors or augers transport the materials stored in the silos to the cement weighing chamber located in the central part of the building. Cement silos and screw conveyors can vary in size and capacity depending on the capacity of the concrete plant and the client's demand.

The advantages of a Cement Silo

- **Increase in Storage Capacity**
- **Improvement in Efficiency**
- **Optimization of Material Management**
- **Cost Savings**
- **Reduction in Transportation Costs**
- **Improvement in Quality Control**

CEMENT SILOS VERTICAL BOLTED



The vertical bolted silo with a capacity ranging from 20 to 500 ton consists of a silo tank, a fence, a cement pipe, a ladder, support legs and a filter flange.

CEMENT SILOS - VERTICAL BOLTED

TECHNICAL SHEET

Specification	Value
Silo capacity	500 Tonne
Silo quantity	6
Silo weight	28 kg
Silo position	Vertical
Silo height	19.945 mm
Silo diameter	300 mm
Metal sheet thickness used	20 mm

CEMENT SILOS

HORIZONTAL AND MOBILE

Horizontal silos are an ideal storage solution for cement and other bulk materials. They are easily transportable and can be placed in a variety of locations.



CEMENT SILOS - HORIZONTAL AND MOBILE

TECHNICAL SHEET

Specification	Value
Silo capacity	39 Tonne
Silo quantity	1
Silo weight	7560 kg
Silo position	Horizontal
Metal sheet thickness used	37 mm

CEMENT MIXER

What is a Concrete Mixer? When working on a construction site, a concrete mixer can be a very useful tool. It is designed to mix the necessary components to create concrete, which can simplify many tasks. The advantages of using a concrete mixer on construction sites are numerous. First, it saves time by eliminating the need to mix concrete manually. This can also help you save money by avoiding material waste. The concrete mixer is also very convenient when working on large construction projects. It allows you to mix large quantities of concrete in a short amount of time, enabling you to work more quickly and efficiently.

The advantages of a concrete mixer include:

- The concrete mixer is effective for mixtures like raw concrete, where not all the molecules of the mixture need to be activated; however, it does not allow for the mixing of all types of materials.

CEMENT MIXER - PANGIN SERVICES

Our concrete mixer is useful in various concrete construction projects due to its stable performance and high yield, continuous operation, and numerous advantages.

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CONCRETE MIXER WITH ACCESSORIES

CEMENT MIXER - PANGIN SERVICES

CONCRETE MIXER WITH ACCESSORIES



CEMENT MIXER - PANGIN SERVICES



KIRLOSKAR ENGINE

CEMENT MIXER - PANGIN SERVICES

SPARE PARTS



CEMENT MIXER - PANGIN SERVICES

TECHNICAL SHEET

Specification	Value
Model	TDCM510-CONGO PANGIN
Engine brand	KIRLOSKAR S1100BNM
Horsepower	15.4 HP (15.4 CV)
Fuel	Diesel
Total drum volume	510 L
No-mix capacity	350 L
Mix capacity	175 L
Mixing time	40 seconds
Capacity per hour	6-8 cbm
Dimension	1930 x 2300 x 2950 mm
Drum steel thickness	4 mm



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