

2024

AN ISO 9001:2008 CERTIFIED COMPANY



SHREE HINGLAJ
ENGINEERING WORKS



PRECAST
MOULD
MANUFACTURING

YOUR PARTNER IN PRECAST MOULD MANUFACTURING

About Us

At **Shree Hinglaj Engineering Works**, we take pride in being the foremost provider of premium-quality precast moulds for the construction industry.

With a rich history of experience and an unwavering commitment to excellence, we have earned the trust of precast manufacturers and road construction companies worldwide.



The Best Value comes
from The Integrity of
**Successful & Working
Perfectly.**

Our Mission

Our mission is to redefine the construction industry through innovative and superior **PRECAST MOULD SOLUTIONS**.

We are dedicated to surpassing our clients' expectations by continually improving our processes, embracing technological advancements, and relentlessly pursuing excellence.

With a steadfast focus on sustainability, integrity, and customer satisfaction, we aspire to be the preferred partner for precast manufacturers and construction companies globally, contributing to the development of safer, stronger, and more efficient built environments.

Our Expertise

Specializing in precast mould manufacturing, we offer a diverse array of innovative solutions tailored to meet the unique requirements of our clients.

Whether you seek standard moulds or bespoke designs, our team of adept engineers and technicians is committed to delivering products of unmatched quality that exceed industry standards.

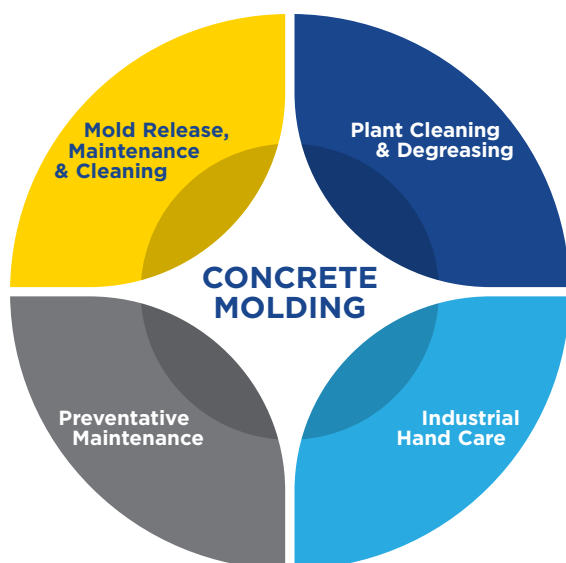
Why Choose Us?

Quality Assurance: We adhere rigorously to quality control measures at every stage of the manufacturing process to ensure the durability, precision, and reliability of our moulds.

Customization: Recognizing the uniqueness of each project, we offer customizable mould designs to precisely meet your specifications, facilitating optimal results.

Innovative Solutions: Remaining at the forefront of technological and industry advancements, we continually innovate to offer cutting-edge solutions that enhance efficiency and productivity.

Customer Satisfaction: Our dedication to customer satisfaction is steadfast. From initial consultation to after-sales support, we prioritize open communication, transparency, and responsiveness to ensure a seamless experience for our clients.



SOLUTIONS THAT
ALIGN WITH
**YOUR UNIQUE
NEEDS AND GOALS**

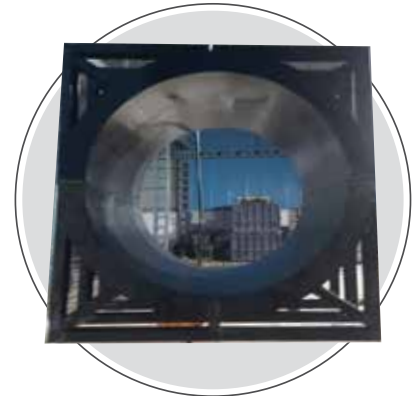
OUR PRODUCT RANGE



U Drain Mould



Box Culvert Mould



Round & Square Chamber Mould



Retaining Wall Moulds



3D / POD Mould



Bleachers & Raker Mould



Wall Battery Mould



Tilting Tables Mould



Staircase Mould



Column/Beam Mould



Road Barrier Moulds



Pipe Mould

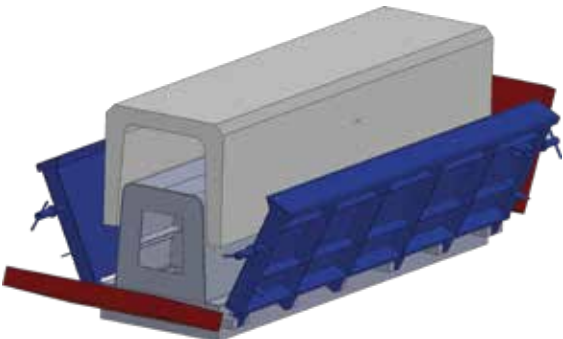


Precast Concrete Moulds

1) U Drain Mould (T25, T6, FT-Flume) & Drain Cover Mould

➤ **Description:**
Our **U Drain Mould Series** offers versatile solutions for efficient water drainage systems in various construction projects.

Designed with precision and durability in mind, these moulds are crafted to meet the rigorous demands of modern infrastructure development.



➤ **Specificaion**

Sr. No.	T25 Drain Mould	T6 Drain Mould	FT-Flume Drain Mould
1	300 X 300	300 X 300	H 900 X W 600 TO 1800 X L 2000
2	300 X 400	300 X 400	H 1000 X W 600 TO 2000 X L 2000
3	300 X 600	300 X 600	H 1200 X W 600 TO 1800 X L 2000
4	450 X 450	450 X 450	H 1300 X W 800 TO 2000 X L 2000
5	450 X 600	450 X 600	H 1400 X W 800 TO 2000 X L 2000
6	450 X 750	450 X 750	H 1500 X W 800 TO 2000 X L 2000
7	450 X 900	450 X 900	H 1600 X W 800 TO 2000 X L 2000
8	600 X 600	600 X 600	H 1800 X W 800 TO 2000 X L 2000
9	600 X 750	600 X 750	H 1900 X W 800 TO 2000 X L 2000
10	600 X 900	600 X 900	H 2000 X W 800 TO 2000 X L 2000
11	750 X 750	750 X 750	
12	750 X 900	750 X 900	
13	750 X 1200	750 X 1200	
14	900 X 900	900 X 900	
15	900 X 1000	900 X 1000	
16	900 X 1200	900 X 1200	
17	1000 X 1000		
18	1200 X 1200		
19	1500 X 1500		

Note: Customization Options: Available upon request



➤ **Key Features**

- High-Quality Finish
- Tailored to Adapt to Various Dimensions
- Excellent durability
- Reduced Manufacturing Effort and Area
- Fast Mould Creation and Removal Duration
- Precision Engineering
- Customizable Design Options



➤ **Applications**

- Road construction
- Highways
- Drainage system
- Stormwater management
- Industrial Facilities
- Residential Developments
- And many more

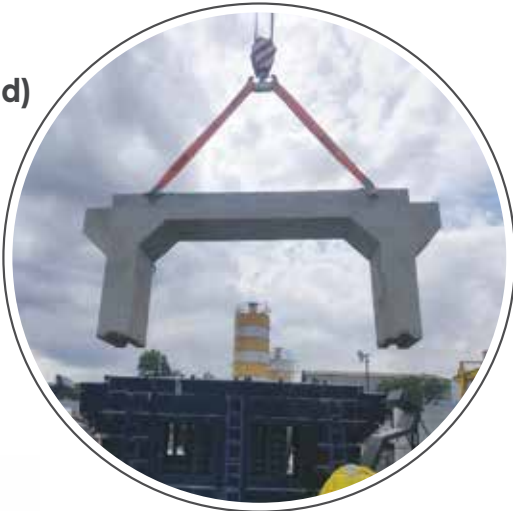




2) Box Culvert Mould (Horizontal & Vertical Base Mould)

► **Description:**
Our **Box Culvert Moulds** provide versatile solutions for the construction of sturdy and durable culverts.

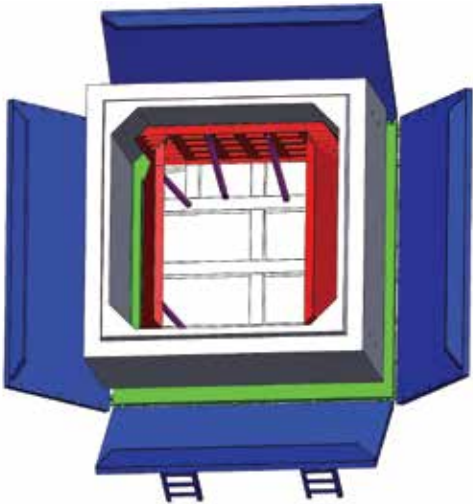
Available in horizontal and vertical base designs, these moulds are engineered to meet the highest standards of performance and reliability.



► **Specificaion**

Sr. No.	Box Culvert Mould
1	300 X 300 X 2000
2	450 X 450 X 2000
3	600 X 600 X 2000
4	500 X 500 X 2000
5	1000 X 1000 X 2000
6	1200 X 1200 X 2000
7	1400 X 1500 X 2000
8	1500 X 1500 X 2000
9	2000 X 2000 X 2000
10	2500 X 2500 X 2000
11	3000 X 3000 X 2000

Note: Customization Options:
Available upon request



► **Key Features**

- High-quality finish
- Robust construction for long-lasting durability
- Fast Mould Creation and Removal Duration
- Customizable designs to meet project specifications
- Precision engineering for seamless assembly
- Efficient water management channels for optimal drainage performance



► **Applications**

- Culvert Construction
- Drainage Systems



3) Round & Square Chamber Mould

➤ Description:

Our **Round & Square Chamber Moulds** offer efficient solutions for the construction of chambers in various infrastructure projects.

Designed with precision and durability, these moulds ensure consistent and reliable results.

➤ Specification

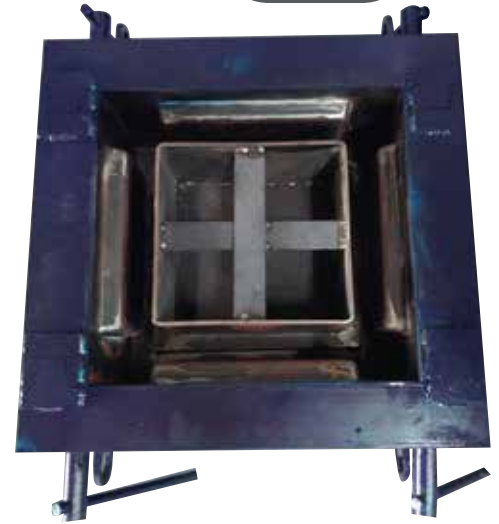
As Per Client Request

➤ Key Features

- Smooth surfaces for precise finishing
- Fast Mould Creation and Removal Duration
- Versatile designs to accommodate different chamber shapes
- High-quality materials for superior performance
- Easy assembly and disassembly for enhanced efficiency

➤ Applications

- Culvert Construction
- Drainage Systems



4) Retaining Wall Moulds

➤ Description:

Our **Retaining Wall Moulds** provide effective solutions for the construction of retaining walls in various landscapes.

Engineered for stability and durability, these moulds ensure optimal support and erosion control.

➤ Specification

- Height 600mm to 3000mm
- Customization Options: Available upon request

➤ Key Features

- Smooth surfaces for precise finishing
- Sturdy construction for long-term stability
- Reduced Manufacturing Effort and Area
- Fast Mould Creation and Removal Duration
- Precision Engineering
- Customizable designs to fit project requirements
- Easy installation and maintenance

➤ Applications

- Retaining Wall Construction
- Landscaping Projects





5) 3D / POD Mould

➤ Description:

Our **3D/POD Moulds** offer versatile solutions for the construction of decorative poles and structures.

Designed to accommodate various design concepts, these moulds allow for the creation of unique and visually striking elements in landscaping and architectural projects.

➤ Specificaion

As Per Client Request

➤ Key Features

- High-Quality Finish
- Flexible design options for creative freedom
- Reduced Manufacturing Effort and Area
- Fast Mould Creation and Removal Duration
- High-quality materials for durability and stability
- Easy assembly and disassembly for efficient production
- Customizable options to meet design specifications

➤ Applications

- Pole Construction
- Architectural Features



6) Bleachers & Raker Mould:

➤ Description:

Our **Bleachers and Raker Moulds** provide reliable solutions for the construction of grandstands and seating arrangements in sports stadiums and event venues.

Engineered for strength and comfort, these moulds ensure safe and enjoyable spectator experiences.

➤ Specificaion

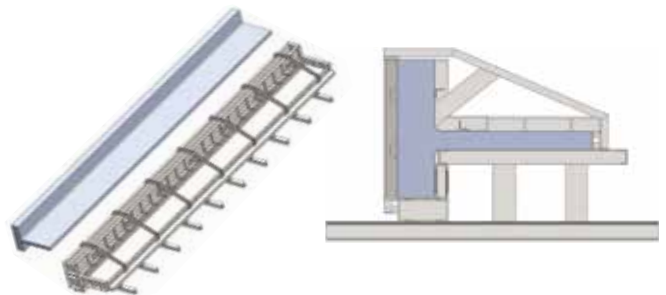
As Per Client Request

➤ Key Features

- High-Quality Finish
- Sturdy construction for long-term durability
- Reduced Manufacturing Effort and Area
- Fast Mould Creation and Removal Duration
- Ergonomic design for comfortable seating
- Customizable options for different seating configurations
- Easy installation and maintenance

➤ Applications

- Stadium Construction
- Event Venues



7) Wall Battery Mould:

➤ Description:

Our **Wall Battery Moulds** offer efficient solutions for the construction of interlocking concrete blocks used in retaining walls and landscaping projects.

Designed for ease of use and durability, these moulds ensure precise block production for sturdy and visually appealing walls.

➤ Specification

As Per Client Request

➤ Key Features

- High-Quality Finish
- Interlocking design for stable wall construction
- High-quality materials for strength and durability
- Reduced Manufacturing Effort and Area
- Fast Mould Creation and Removal Duration
- Easy assembly and disassembly for efficient production
- Customizable options for different block sizes and shapes

➤ Applications

- Retaining Wall Construction,
- Landscaping Projects



8) Tilting Tables Mould

➤ Description:

Our **Tilting Tables Moulds** provide efficient solutions for the production of precast concrete panels and slabs.

Designed for versatility and ease of use, these moulds facilitate the casting and tilting of panels with precision and reliability.

➤ Specification

As Per Client Request

➤ Key Features

- High-Quality Finish
- Interlocking design for stable wall construction
- High-quality materials for strength and durability
- Reduced Manufacturing Effort and Area
- Fast Mould Creation and Removal Duration
- Easy assembly and disassembly for efficient production
- Customizable options for different block sizes and shapes

➤ Applications

- Precast Panel Production
- Construction Projects



9) Staircase Mould

➤ Description:

Our **Staircase Moulds** offer efficient solutions for the construction of precast concrete staircases.

Designed for accuracy and durability, these moulds enable the production of high-quality stair components with ease.

➤ Specification

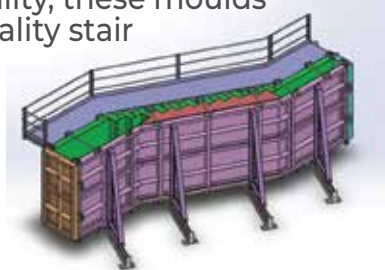
As Per Client Request

➤ Key Features

- Smooth surface finish for precise stair production
- Modular design for easy assembly and disassembly
- High-quality materials for long-lasting durability
- Fast Mould Creation and Removal Duration
- Precision engineering
- Customizable options for different staircase designs

➤ Applications

- Staircase Construction,
- Building Projects



10) Column/Beam Mould

➤ Description:

Our **Column/Beam Moulds** provide reliable solutions for the construction of precast concrete columns and beams.

Engineered for strength and versatility, these moulds ensure accurate and efficient production of structural elements.

➤ Specification

As Per Client Request

➤ Key Features

- High-quality finish
- Adjustable settings for customized column and beam sizes
- Reduced Manufacturing Effort and Area
- High-quality materials for robustness and stability
- Easy demoulding process for efficient production
- Precision engineering for consistent and reliable results
- Customizable design options

➤ Applications

- Structural Construction,
- Building Projects



11) Road Barrier Moulds

➤ Description:

Our **Road Barrier Moulds** offer durable solutions for the construction of traffic barriers and safety barriers on roads and highways.

Designed for strength and reliability, these moulds ensure the production of robust barriers that enhance road safety.

➤ Specification

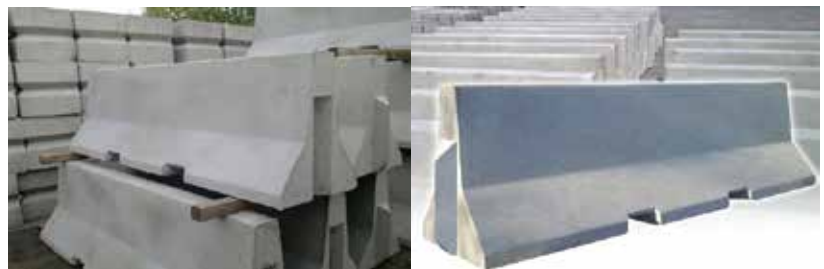
As Per Client Request

➤ Key Features

- High-Quality Finish
- Reduced Manufacturing Effort and Area
- Reinforced design for impact resistance
- High-quality materials for durability and longevity
- Easy demoulding process for efficient production
- Precision engineering
- Customizable options for barrier height and design

➤ Applications

- Road Construction,
- Highway Safety



12) Pipe Mould

➤ Description:

Our **Pipe Moulds** offer efficient solutions for the production of precast concrete pipes used in drainage, sewerage, and irrigation systems.

Designed for durability and versatility, these moulds ensure the production of high-quality pipes with consistent dimensions.

➤ Specification

As Per Client Request

➤ Key Features

- High-Quality Finish
- Robust construction for long-term durability
- Customizable options for pole height and diameter
- Smooth surface finish for precise pole production
- Easy demoulding process for efficient production

➤ Applications

- Electrical Pole Construction
- Utility Projects



13) Noise Barrier Mould

➤ Description:

Our **Noise Barrier Mould** is designed to produce high-quality, durable barriers that effectively reduce noise pollution in urban areas, highways, High speed rail and industrial sites.

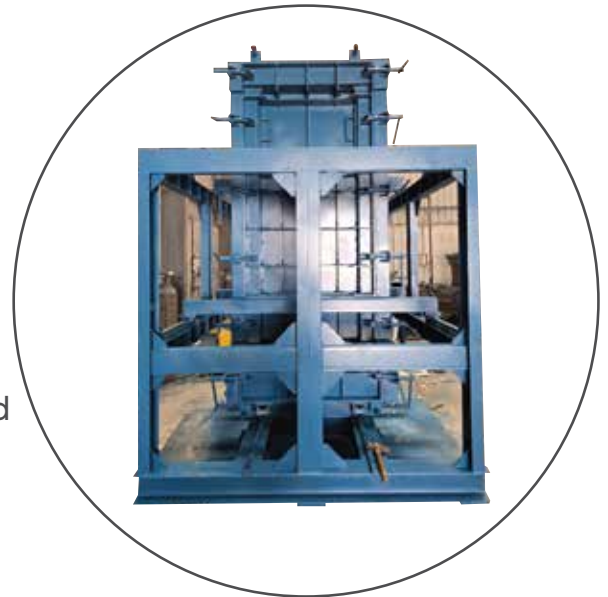
Engineered with precision, these moulds ensure that the noise barriers meet the stringent standards required for acoustic performance and structural integrity.

➤ Specification

As Per Client Request

➤ Key Features:

- **High Acoustic Performance:** Designed to effectively reduce noise levels.
- **Customizable Designs:** Available in various dimensions to meet specific project needs.
- **Durable Construction:** Built to withstand harsh weather conditions and maintain structural integrity.
- **Quick Installation:** Designed for efficient moulding and demoulding, facilitating faster installation on-site.
- **Smooth Surface Finish:** Provides a visually appealing and smooth exterior.
- **Replaceable Components:** Moulds are designed with replaceable parts to extend the lifespan and enhance usability.



14) Tetra Pod Mould

➤ Description:

Our Tetra Pod Mould is designed to produce high-strength concrete tetra pods, which are essential for coastal and marine construction projects.

These moulds ensure precise shaping and durability, providing effective breakwater and coastal protection solutions.

➤ Specification

As Per Client Request

➤ Key Features

Precision Moulding: Ensures accurate and uniform tetra pod production.

Durable Construction: Built to withstand the corrosive and abrasive conditions of marine environments.

Customizable Sizes: Available in various sizes to meet specific project requirements.

Efficient Production: Designed for quick moulding and demoulding processes, enhancing production efficiency.

Smooth Surface Finish: Provides a smooth and consistent surface for better durability and performance.

Stackable Design: Tetra pods can be easily stacked for transportation and storage.





COMPACT CONCRETE BATCHING / MIXING PLANT (SHCP SERIES)
WITH PAN / TWIN SHAFT / PLANETARY MIXER

CAPACITY :- 20, 25, 30, 45, 60, 75 & 90 m3/hr

> SALIENT FEATURES:-

Foundation-Free Installation: No need for a deep foundation; simply erect the plant on an RCC bed.

Effortless Transportation: Designed for easy and efficient transportation to any location.

Plug-and-Play Operation: Quick setup with minimal technical intervention, ready for immediate use.

Space-Saving Design: Compact structure allows installation in confined spaces.

High Precision Weighing System: Accurate measurement for optimal concrete mix quality.

User-Friendly Interface: Intuitive control panel for easy operation and monitoring.

Low Maintenance: Engineered to require minimal maintenance, reducing downtime.

Customizable Options: Available with various customization options to meet specific project needs.



> TECHNICAL SPECIFICATION

SPECIFICATION	SHCP-20	SHCP-25	SHCP-30	SHCP-45	SHCP-60	SHCP-75	SHCP-90
CAPACITY	20 m3/hr	25 m3/hr	30 m3/hr	45 m3/hr	60 m3/hr	75 m3/hr	90 m3/hr
MIXER TYPE	TURBO PAN / TWIN SHAFT	TURBO PAN / TWIN SHAFT	TURBO PAN / TWIN SHAFT / PLANETARY	TURBO PAN / TWIN SHAFT / PLANETARY	TWIN SHAFT / PLANETARY	TWIN SHAFT / PLANETARY	TWIN SHAFT / PLANETARY
AGGREGATE WEIGHING UNIT							
NOS. OF BIN	4	4	4	4	4	4	4
STORAGE CAPACITY (m3)	16	20	20	32	40	50	60
CEMENT WEIGHING SYSTEM							
CEMENT WEIGHER	YES	YES	YES	YES	YES	YES	YES
SCREW CONVEYOR FOR CEMENT	YES	YES	YES	YES	YES	YES	YES
CEMENT FEEDING HOPPER	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
WATER WEIGHING SYSTEM							
WATER WEIGHER	YES	YES	YES	YES	YES	YES	YES
WATER FEEDING PUMP	YES	YES	YES	YES	YES	YES	YES
ADMITURE WEIGHING SYSTEM							
ADMITURE WEIGHER	YES	YES	YES	YES	YES	YES	YES
ADMITURE FEEDING PUMP	YES	YES	YES	YES	YES	YES	YES
AIR COMPRESSOR	YES	YES	YES	YES	YES	YES	YES
DISCHARGE HEIGHT	4.1	4.1	4.1	4.1	4.1	4.1	4.1
TOTAL CONNECTED LOAD	48.3	53.5	60.75	81.45	101.1	130.75	168.5

* Disclaimer: Specifications may change as part of our continuous improvement process.



STATINORY CONCRETE BATCHING/MIXING PLANT (SHSP SERIES)
WITH PAN / TWIN SHAFT / PLANETARY MIXER

CAPACITY :- 30, 45, 60, 75, 90 & 120 m3/hr

➤ SALIENT FEATURES:-

- Robust Structure:** Engineered for durability and longevity.
- Modular Design:** Provides flexibility to adopt different layout requirements.
- Fully Automatic PLC-Based Weigh Batching System:** Includes SCADA software for operation and various reports.
- Wide Range of Capacities:** Available in various capacities, ranging from 30 cubic meters to 240 cubic meters per hour.
- Customizable Options:** Various customization options available to meet specific project needs.



➤ TECHNICAL SPECIFICATION

SPECIFICATION	SHSP-30	SHSP-45	SHSP-60	SHSP-75	SHSP-90	SHSP-120
CAPACITY	30 m3/hr	45 m3/hr	60 m3/hr	75 m3/hr	90 m3/hr	90 m3/hr
MIXER TYPE	TURBO PAN / TWIN SHAFT / PLANETARY	TURBO PAN / TWIN SHAFT / PLANETARY	TWIN SHAFT / PLANETARY	TWIN SHAFT / PLANETARY	TWIN SHAFT / PLANETARY	TWIN SHAFT / PLANETARY
AGGREGATE WEIGHING UNIT						
NOS. OF INLINE BIN	4	4	4	4	4	4
COLLECTING CONVEYOR	YES	YES	YES	YES	YES	YES
STORAGE CAPACITY (m3)	24	32	40	50	60	60
CEMENT WEIGHING SYSTEM						
CEMENT WEAHER	YES	YES	YES	YES	YES	YES
SCREW CONVEYOR FOR CEMENT	YES	YES	YES	YES	YES	YES
CEMENT FEEDING HOPPER	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
WATER WEIGHING SYSTEM						
WATER WEAHER	YES	YES	YES	YES	YES	YES
WATER FEEDING PUMP	YES	YES	YES	YES	YES	YES
ADMITURE WEIGHING SYSTEM						
ADMITURE WEAHER	YES	YES	YES	YES	YES	YES
ADMITURE FEEDING PUMP	YES	YES	YES	YES	YES	YES
AIR COMPRESSOR	YES	YES	YES	YES	YES	YES
CONTROL PANEL	FULLY AUTOMATIC	FULLY AUTOMATIC	FULLY AUTOMATIC	FULLY AUTOMATIC	FULLY AUTOMATIC	FULLY AUTOMATIC
DISCHARGE HEIGHT	4	4	4	4	4	4
TOTAL CONNECTED LOAD	58.35	96.35	126.1	168.6	211.35	277.35

* Disclaimer: Specifications may change as part of our continuous improvement process.

OUR CLIENTS





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ENGINEERING WORKS

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