



THE EXPERTS IN  
**ASPHALT & CONCRETE BATCH MIX PLANTS**

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[www.ardentgroup.co.in](http://www.ardentgroup.co.in)



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**CONCRETE (APT)**





#### OUR GROUP COMPANIES



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Ardent Maschinfabrik Pvt. Ltd. is the perfect mix of tradition & technology. Strategically located in Pune, India; Ardent group specialises in the development, manufacturing & marketing of Asphalt & Concrete Batch Mixing Plants used in paving highways & airports, road widening & development projects.

**WE DELIVER IN BLACK WHAT WE PROMISE ON WHITE**





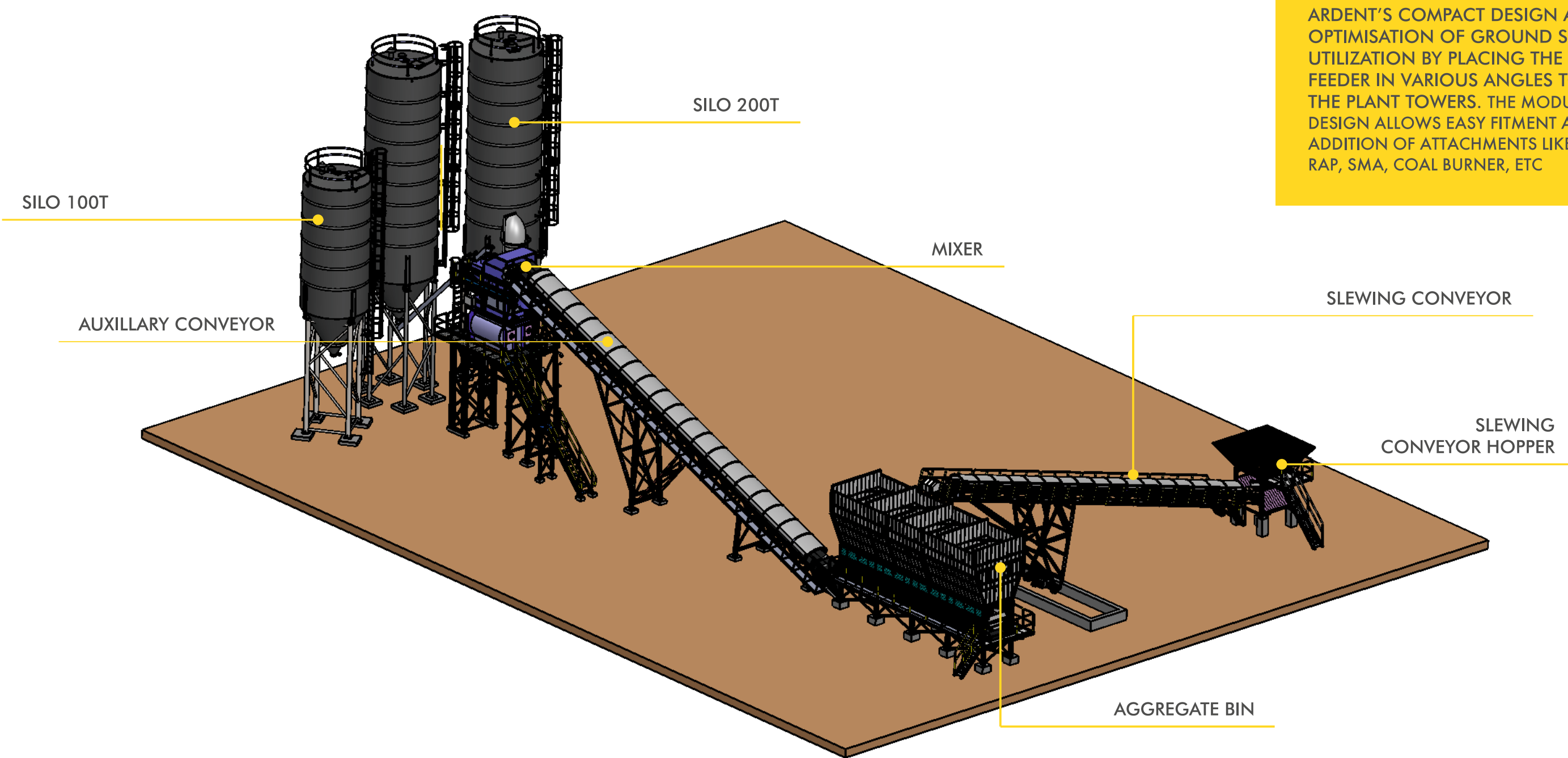
# **ARDENT**

## **CONCRETE BATCHING PLANTS**

Usage of high quality and reliable components in a concrete batching plants, minimizes maintenance cost and maximizes the saving.

**ACCELERATE YOUR PROJECT  
USING ARDENT CONCRETE  
BATCHING PLANTS**

ARDENT'S COMPACT DESIGN ALLOWS OPTIMISATION OF GROUND SPACE UTILIZATION BY PLACING THE COLD FEEDER IN VARIOUS ANGLES TO THE PLANT TOWERS. THE MODULAR DESIGN ALLOWS EASY FITMENT AND ADDITION OF ATTACHMENTS LIKE RAP, SMA, COAL BURNER, ETC



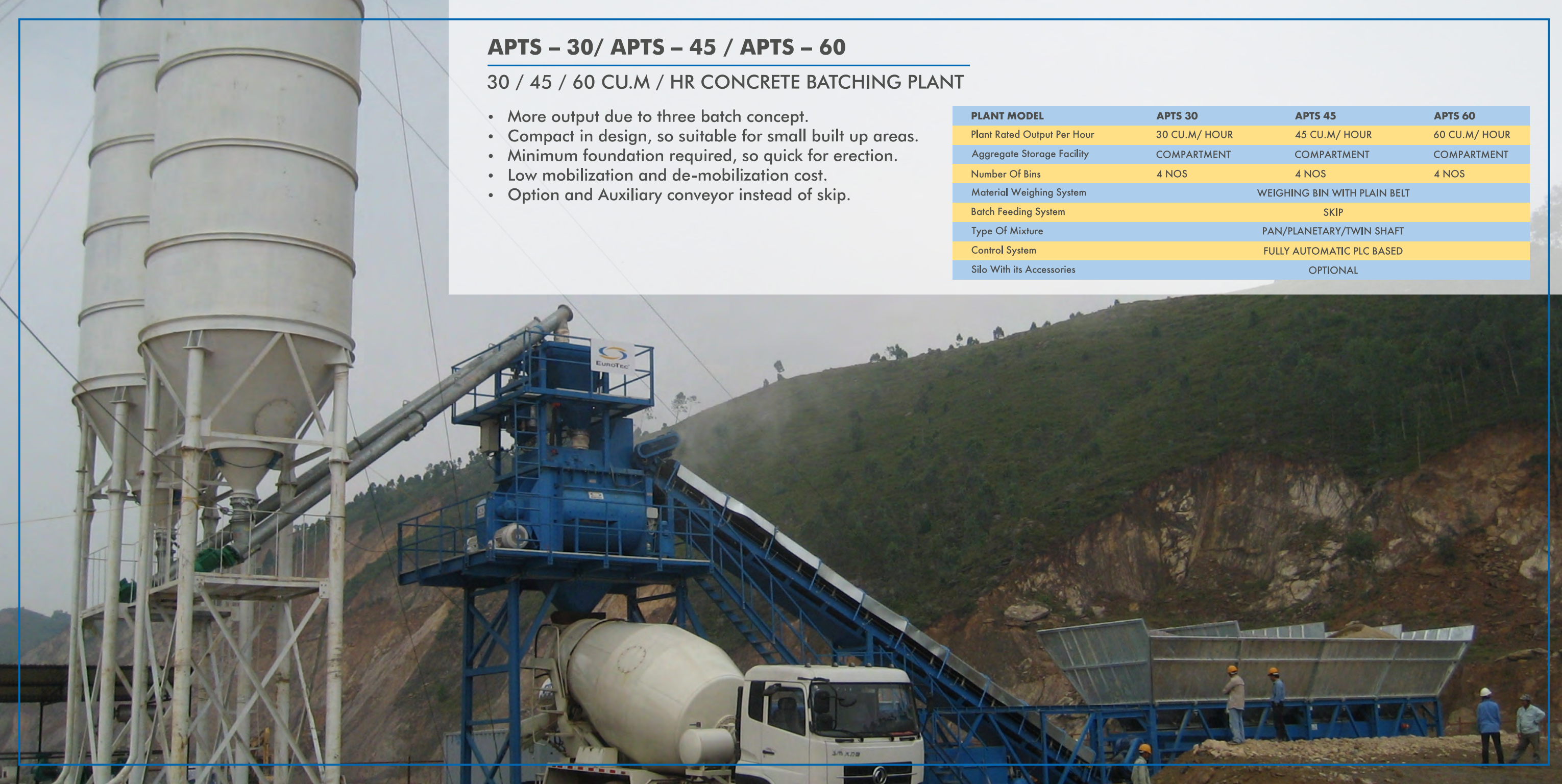


## APTS – 30/ APTS – 45 / APTS – 60

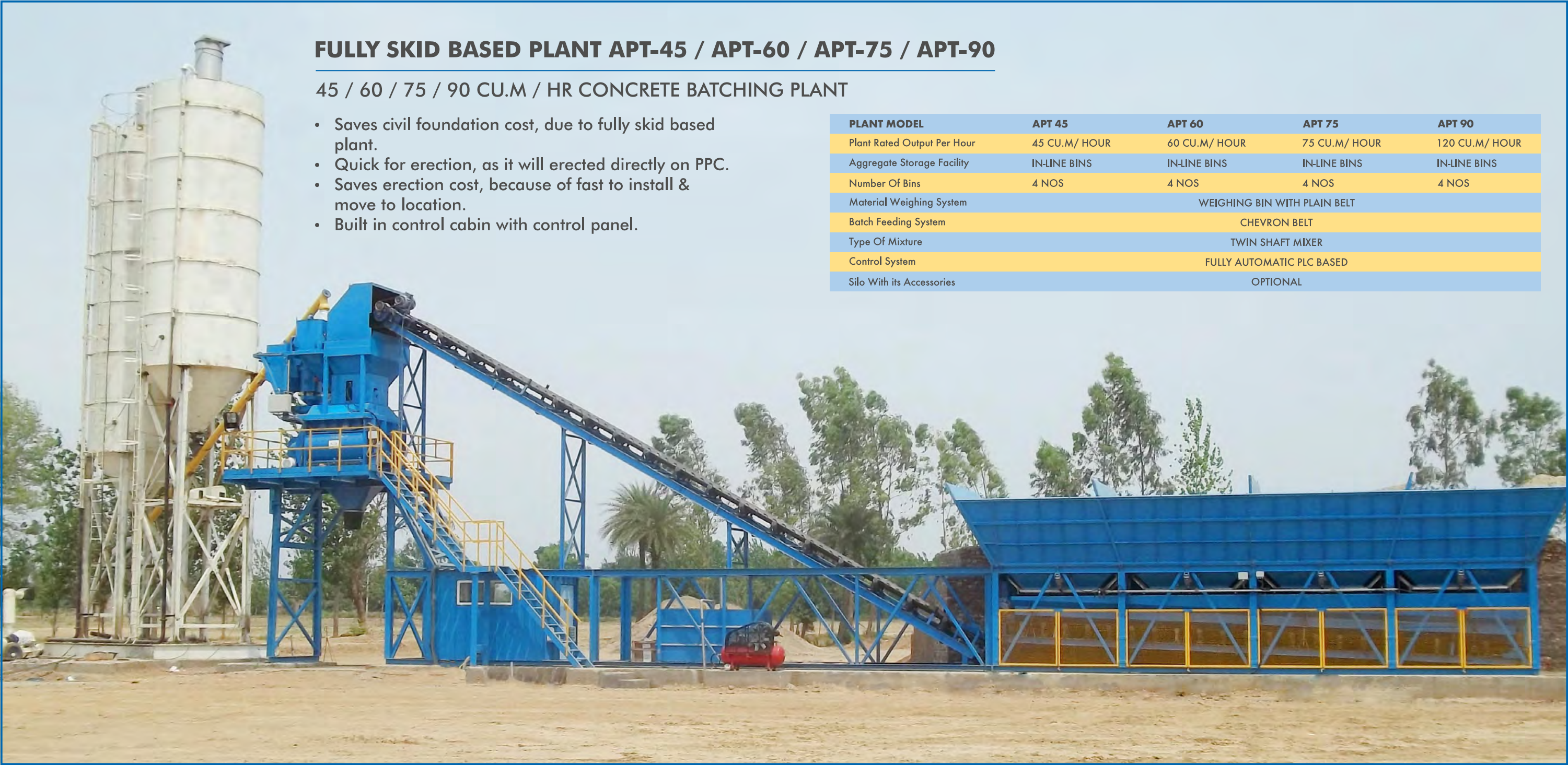
### 30 / 45 / 60 CU.M / HR CONCRETE BATCHING PLANT

- More output due to three batch concept.
- Compact in design, so suitable for small built up areas.
- Minimum foundation required, so quick for erection.
- Low mobilization and de-mobilization cost.
- Option and Auxiliary conveyor instead of skip.

PLANT MODEL	APTS 30	APTS 45	APTS 60
Plant Rated Output Per Hour	30 CU.M/ HOUR	45 CU.M/ HOUR	60 CU.M/ HOUR
Aggregate Storage Facility	COMPARTMENT	COMPARTMENT	COMPARTMENT
Number Of Bins	4 NOS	4 NOS	4 NOS
Material Weighing System	WEIGHING BIN WITH PLAIN BELT		
Batch Feeding System	SKIP		
Type Of Mixture	PAN/PLANETARY/TWIN SHAFT		
Control System	FULLY AUTOMATIC PLC BASED		
Silo With its Accessories	OPTIONAL		







## FULLY SKID BASED PLANT APT-45 / APT-60 / APT-75 / APT-90

45 / 60 / 75 / 90 CU.M / HR CONCRETE BATCHING PLANT

- Saves civil foundation cost, due to fully skid based plant.
- Quick for erection, as it will erected directly on PPC.
- Saves erection cost, because of fast to install & move to location.
- Built in control cabin with control panel.

PLANT MODEL	APT 45	APT 60	APT 75	APT 90
Plant Rated Output Per Hour	45 CU.M/ HOUR	60 CU.M/ HOUR	75 CU.M/ HOUR	120 CU.M/ HOUR
Aggregate Storage Facility	IN-LINE BINS	IN-LINE BINS	IN-LINE BINS	IN-LINE BINS
Number Of Bins	4 NOS	4 NOS	4 NOS	4 NOS
Material Weighing System	WEIGHING BIN WITH PLAIN BELT			
Batch Feeding System	CHEVRON BELT			
Type Of Mixture	TWIN SHAFT MIXER			
Control System	FULLY AUTOMATIC PLC BASED			
Silo With its Accessories	OPTIONAL			

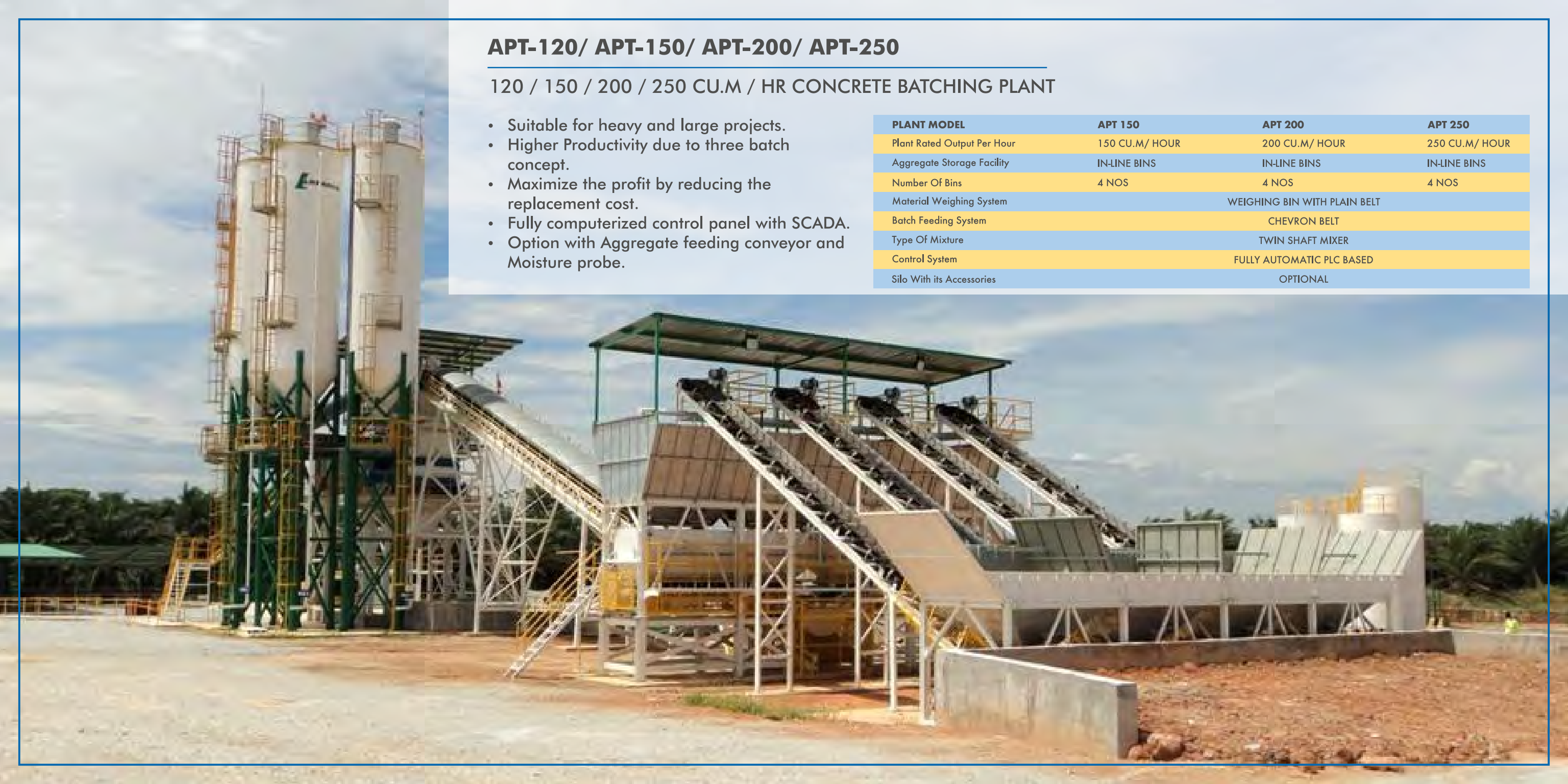


# APT-120/ APT-150/ APT-200/ APT-250

120 / 150 / 200 / 250 CU.M / HR CONCRETE BATCHING PLANT

- Suitable for heavy and large projects.
- Higher Productivity due to three batch concept.
- Maximize the profit by reducing the replacement cost.
- Fully computerized control panel with SCADA.
- Option with Aggregate feeding conveyor and Moisture probe.

PLANT MODEL	APT 150	APT 200	APT 250
Plant Rated Output Per Hour	150 CU.M/ HOUR	200 CU.M/ HOUR	250 CU.M/ HOUR
Aggregate Storage Facility	IN-LINE BINS	IN-LINE BINS	IN-LINE BINS
Number Of Bins	4 NOS	4 NOS	4 NOS
Material Weighing System	WEIGHING BIN WITH PLAIN BELT		
Batch Feeding System	CHEVRON BELT		
Type Of Mixture	TWIN SHAFT MIXER		
Control System	FULLY AUTOMATIC PLC BASED		
Silo With its Accessories	OPTIONAL		



## OTHER PRODUCTS



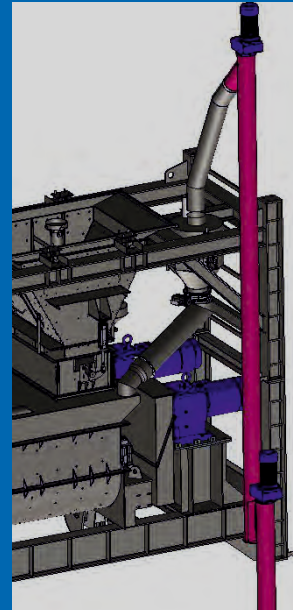
Concrete Slipform Paving Equipment (Paving width: 2 mtr to 16 mtr)



Texture Curing Machine  
(Width 2 mtr to 16 mtr)



Dowel Bar Inserter  
(Width 2 mtr to 16 mtr)



Curb and Gutter Machine



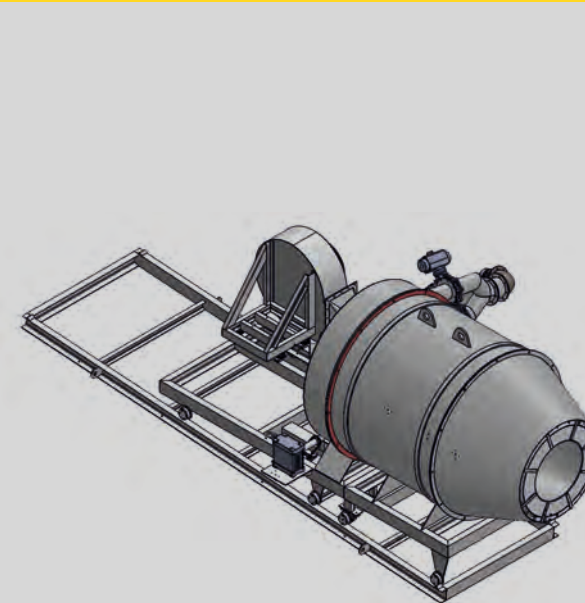
Concrete Slipform Paving  
(Paving width: 2.75 mtr to 5 mtr)



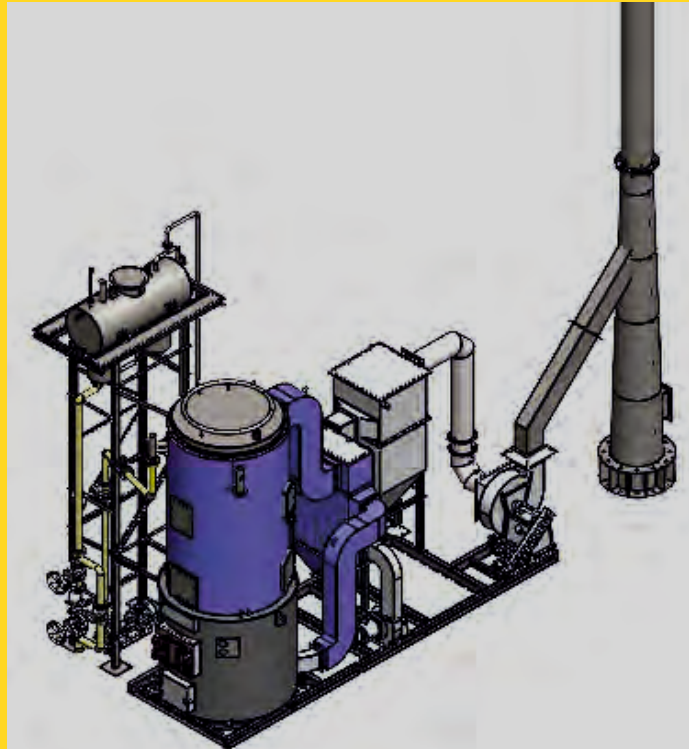
Barrier Wall Machine

## OPTIONAL ACCESSORIES

Additional accessories that can be ordered as per the requirement and can easily be installed at the plant location.



Moisture Probe



Slewing Conveyor

### OTHER OPTIONAL ACCESSORIES

- RAP Granulator
- Fuel / Gas Metering System
- Hot RAP with Counter Flow Drum
- Waste Heat based Coal Dryer
- Optional Hot Storage Silo Side Skip from 100 to 1600 tons
- Dedust Covers for Cold Feeder with Suction Fans Connected by Duct to Bag House During Loading
- Bitumen Tank Vent Connection to Common Ground Filter for Clean Air Fume Control