



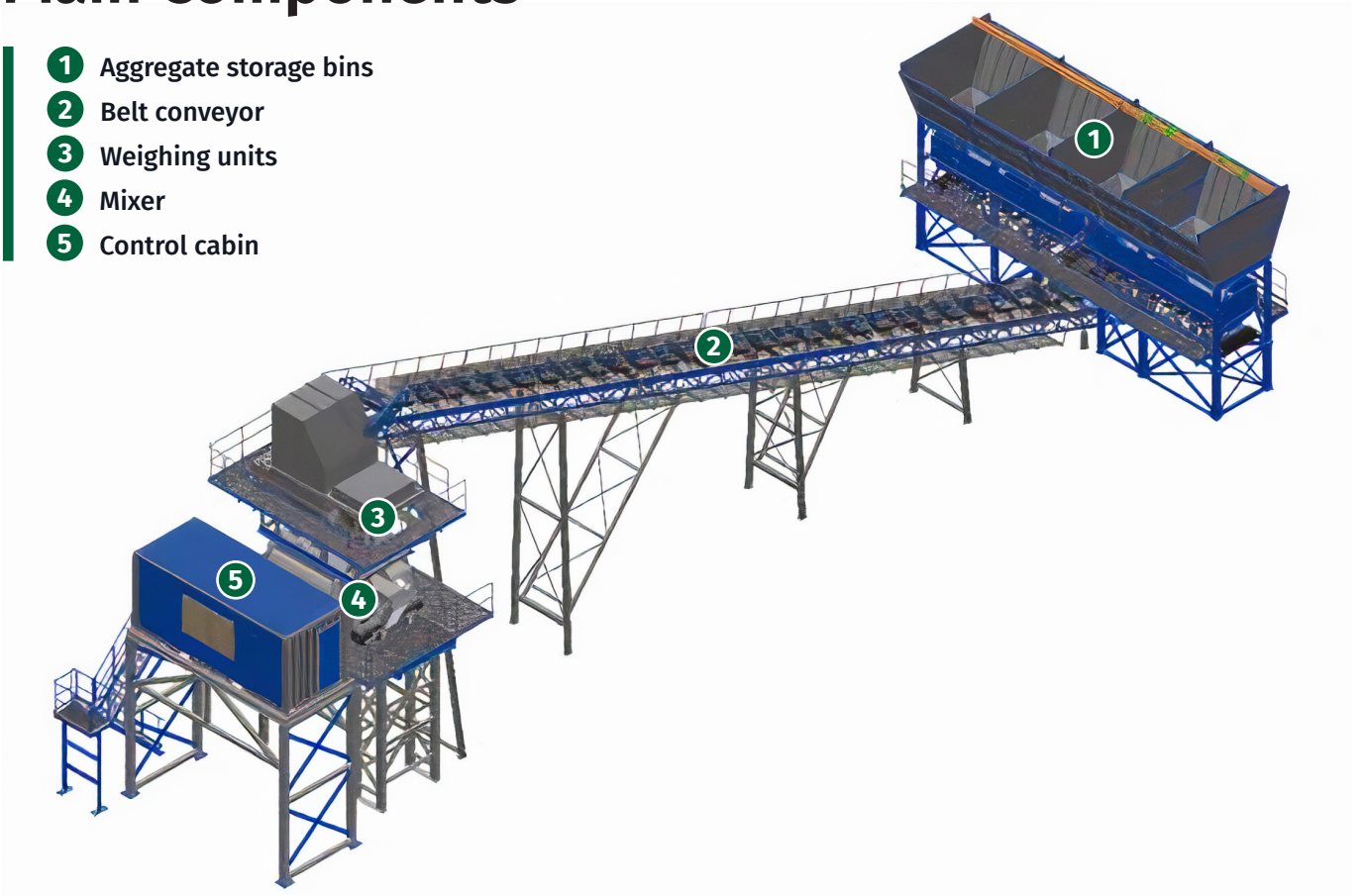
UCP ULTRA

CONCRETE BATCHING PLANT



Main Components

- 1 Aggregate storage bins
- 2 Belt conveyor
- 3 Weighing units
- 4 Mixer
- 5 Control cabin



The highly automated **Lintec UCP Ultra series** is the solution for big concrete needs. With models that produce up to 250 cubic metres of ready mix concrete per hour, the UCP series meets the needs of projects requiring thousands of cubic metres a day. At the same time, the UCP ready mix concrete batching plant maintains accuracy in ensuring the quality of concrete.

The UCP series can be customised to suit the requirements of any major project. The twin-shaft mixers, controlled by computerised process control systems running on Windows OS, intensely mixes your concrete in three-dimensional movements.

Features & Benefits

- High production capacities performance, with accurate batching and various concrete mix designs for ready mix and precast applications
- Can be customised to meet project requirements
- Control panel for automatic and manual operations with highly efficient computerised process control system for production
- Equipped with independent or cumulative weighing systems for aggregates batching sequences
- Can be designed with more than 6 types of aggregates bins with a central-discharge belt conveyor system to the mixers
- Can be designed with 1 mixer with 2 discharge chutes to reduce mixer truck waiting time, thus increasing productivity

Automation System

Every UCP concrete batching plant is equipped with an industrial type of electrical control panel with synoptic displays, digital displays, an ammeter, voltmeter, lockable isolator switch, push buttons, including overload relays and failure protection devices. During emergencies such as computer hardware failures, the control panel enables the operator to switch to emergency manual operations.



ECS programme is a user-friendly process control software system that can be integrated with any concrete batching plant. Exclusively designed by Lintec, together with Siemens PLC, our ECS programme is based on Windows Operating System for fully automatic operations. This process control software program can handle both Planetary Pan and Twin-Shaft Mixers. The ECS programme has a **remote accessibility feature** (via Wi-Fi or Mobile Data connections) for tele-diagnostic and troubleshooting purposes. This helps to resolve any plant failure issues remotely and to provide quicker technical support to customers.

Technical Specifications

Description	UCP120	UCP160	UCP200	UCP240
Rated output capacity*	120 m ³ /hr	160 m ³ /hr	200 m ³ /hr	250 m ³ /hr
Mixer type	Twin-Shaft Mixer	Twin-Shaft Mixer	Twin-Shaft Mixer	Twin-Shaft Mixer
Output per batch	3.0 m ³	4.0 m ³	4.5 m ³	6.0m ³
Aggregate batching sequence	Cumulative	Cumulative	Cumulative	Cumulative
Cement weighing scale capacity	2000 kg	2750 kg	3000 kg	4000 kg
Water weighing scale capacity	750 kg	1000 kg	1200 kg	1500 kg
Additive weigher	2 x 20 litres	2 x 20 litres	2 x 20 litres	2 x 50 litres
Connection power	184 kW	194 kW	235 kW	340 kW
Generator set capacity	350 kVA	350 kVA	500 kVA	600 kVA

*Output based on Max 3 Aggregates Weighing

Project References



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About Lintec & Linnhoff

Lintec & Linnhoff is a global manufacturer and distributor of leading-edge solutions for the asphalt and concrete industries under the Lintec and Linnhoff brand names. Its products include asphalt mixing plants, concrete batching plants, pavement related technologies and machinery, and specialist concrete cooling solutions. The company's key technologies include Lintec's containerised asphalt and concrete batching plants built in 100% certified ISO sea containers and Linnhoff's screen drum technology.



www.lintec-linnhoff.com



Lintec & Linnhoff Holdings Pte. Ltd.

71 Tech Park Crescent, Singapore 638072
Tel: +65 6863 1111
Fax: +65 6863 3811
Email: info@lintec-linnhoff.com

Authorised Distributor

