



DRX DURABLEMIX ASPHALT PLANT

Double Screen Batch Type

 **GAINWELL**®

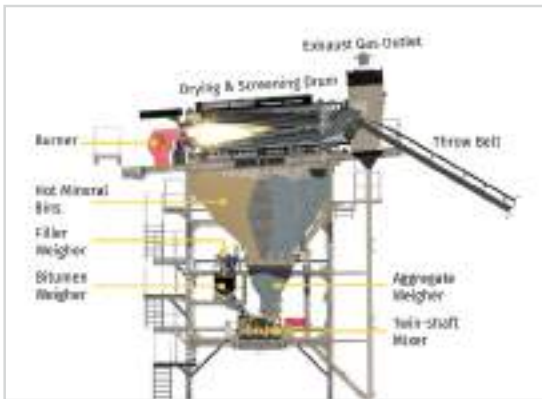


LINNHOFF

Our Value Propositions

Linnhoff DRX DurableMix Asphalt Plant is specially designed with Double Screen Drum for the most effective screening. The DRX features factory-fabricated modular structure for quick setup and dismantling.

As a compact asphalt mixing plant, it is suitable for medium to long-term projects or commercial sales.



Energy-saving, powered by our double screening drum system

Our unique dual function double screening drum system combines the drying and screening of aggregates in a single drum, eliminating the need for hot elevator and vibrating screens. Overall operating costs are reduced from less maintenance and fuel savings.



Fast setup and dismantling

Each DRX module is prefabricated in factory, providing swift modular setup and dismantling, reducing installation time and labour costs.



Environment friendly with pollution control unit

Ambient-air cleaning system cleans exhaust gas and filters dust, ensuring clean air is released into the atmosphere.



Batch mixing

Separate weighing system equipped with load cells for aggregates, filler, and bitumen to ensure precision and quality of hot mix asphalt.



Reliable performance

Designed with the combination of cutting-edge technology and high-quality materials and components to reduce wear-and-tear. Less maintenance required without hot elevator and vibrating screens, leading to lower downtime and lower maintenance costs.

Main Components



Images are for illustration purposes only.

1 Cold Feed Hoppers

- Feeder belt is equipped with shaft-mounted, inverter-controlled motor.
- Sand hopper is equipped with vibrator.



2 Double Screen Drum

- Unique dual-purpose Screen Drum combining drying and screening of aggregates in a single drum.
- Screens are configured for easy maintenance.



3 Hot Mineral Bins

- Located directly below the drum to maximise conductive heat from the Screen Drum and Main Burner.
- Each compartment accommodates generous capacity, providing sufficient aggregates for batching.



4 Weighing Systems

- Individual weigher with load cells for aggregates, filler and bitumen.



5 Twin-shaft Mixer

- Robust twin-shaft Mixer is equipped with synchronized spur gear and specially designed mixer arms and paddles for shorter mixing time and quality homogeneous hot mix asphalt.



6 Baghouse Filter

- Utilising ambient-air cleaning system to ensure that the exhaust gas and dust are filtered before clean gas is discharged into the atmosphere.



7 Recuperated Filler Silo

- For collecting filtered dust particles to be recycled.



8 Control Cabin

- Control cabin is insulated and dust-proof.
- Automated PLC system with manual override.



Technical Specifications

Model	DRX 1500DS	DRX 2000DS
Capacity*	120 tph	160 tph
Batch Cycle Time	45-55 sec.	45-55 sec.
Aggregate Temp. Increase	150 °C	150 °C
Exhaust Gas Temperature	90-140 °C	90-140 °C
Number of Hoppers	4 units	5 units
Volume of Each Hopper	9 m ³	9 m ³
Total Screening Area	28 m ²	43 m ²
Number of Screen Compartments	4 folds	5 folds
Type of Fuel	Diesel/Heavy Oil/Gas	Diesel/Heavy Oil/Gas
Burner Capacity	7.25 MW	10 MW
Hot Mineral Bins Capacity	20 ton	32 ton
Aggregate Weigher Capacity	1500 kg	2500 kg
Filler Weigher Capacity	250 kg	300 kg
Bitumen Weigher Capacity	150 kg	250 kg
Mixer Capacity	1500 kg	2500 kg
Filter Area	450 m ²	528 m ²
Optional Equipment		
Rapid Setup Steel Foundations		
Bitumen Tank		
Foreign Filler Silo		
Hot Storage Silo		

*Capacity as per standard plant performance based on 3% moisture content.
Specifications are subject to technical modifications.

Project References



DRX1500DS - Cambodia



DRX2000DS - Nigeria



DRX1500DS - Indonesia



DRX1500DS - Philippines



DRX1500DS - Bangladesh



DRX2000DS - UAE



DRX2000DS - Myanmar



DRX1500DS - Kenya



DRX2000DS - Malaysia



DRX1500DS - India



DRX2000DS - Singapore



DRX2000DS - Afghanistan



About Lintec & Linnhoff

Lintec & Linnhoff is a global manufacturer and distributor of leading-edge solutions for the asphalt and concrete industries under the Lintec, Linnhoff and Eurotec 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 Concrete Pte. Ltd.

71 Tech Park Crescent, Singapore 638072
Tel: +65 6863 1111
Fax: +65 6863 1080
Email: info.llc@lintec-linnhoff.com

Licensed Manufacturer

Gainwell Engineering Private Limited

 www.gainwellengineering.com

Authorised Distributor

Gainwell Commosales Private Limited

 +91 9319096176
 Marketing.LLH@gainwellindia.com
 www.gainwellindia.com/lintec-linnhoff