



NVX NOVAMAX
ASPHALT MIXING PLANT

Our Value Propositions

Linnhoff NVX NovaMax asphalt plants are designed for the most efficient asphalt mixing operation with hot elevator and vibrating screens. Its modules are configured for quick installation and compact footprint, making it an economical asphalt mixing plant suitable for any paving project.



Reliable performance

Designed with the combination of high-quality materials and components to reduce wear-and-tear.



Compact footprint

With the pollution filter unit assembled on top of the drying drum, NVX requires less area and foundations, reducing setup costs.



Fast setup and dismantling

The complete structure of the plant comprising prefabricated modules offers swift modularised setup and dismantling on site, reducing installation time and labour costs.



Economical shipping

Linnhoff NVX are configured in modules for easy and economical shipping in sea containers.



Batch mixing

Complete with vibrating screens for accurate grading of aggregates and weighing systems equipped with load cells for aggregates, filler, and bitumen to ensure precision of the hot mix asphalt. Twin-shaft mixer with synchronous spur gears grants homogeneous mix.



Environment friendly

Utilising reverse air flow system with pneumatic cylinders for bag cleaning, the pollution control unit filters exhaust gas and dust to ensure that clean air is released into the atmosphere. Remaining fine dust particles are recycled as filler.



Control system

Fully automated PLC system to monitor the whole operation of the plant from the control cabin. Remote troubleshooting and diagnostics can be conducted easily via Internet.

Technical Specifications

Description	NVX1000B ***	NVX1500	NVX2000
Capacity*	60-80 tph	100-120 tph	120-160 tph
Batch cycle time	45 sec	45 sec	45 sec
Number of hoppers	3 bins	4 bins	6 bins
Volume of each hopper	8 m ³	8.5 m ³	8.5 m ³
Number of screening decks	4 decks	4 decks	5 decks
Burner Capacity	7 MW	8.5 MW	8.5 MW
Type of fuel	Diesel / Heavy Oil / Gas**	Diesel / Heavy Oil / Gas**	Diesel / Heavy Oil / Gas**
Hot mineral bins	21 tons	21 tons	40 tons
Aggregate weigher	1000 kg	1500 kg	2000 kg
Filler weigher	300 kg	300 kg	300 kg
Bitumen weigher	300 kg	300 kg	300 kg
Mixer capacity	1000 kg	1500 kg	2000 kg
Filter area	430 m ²	450 m ²	600 m ²
Optional ancillary equipment	Bitumen tank, Hot storage silo, Bitumen decanter, Thermal oil heater		

*Capacity as per standard plant performance based on 3% moisture content

**Optional

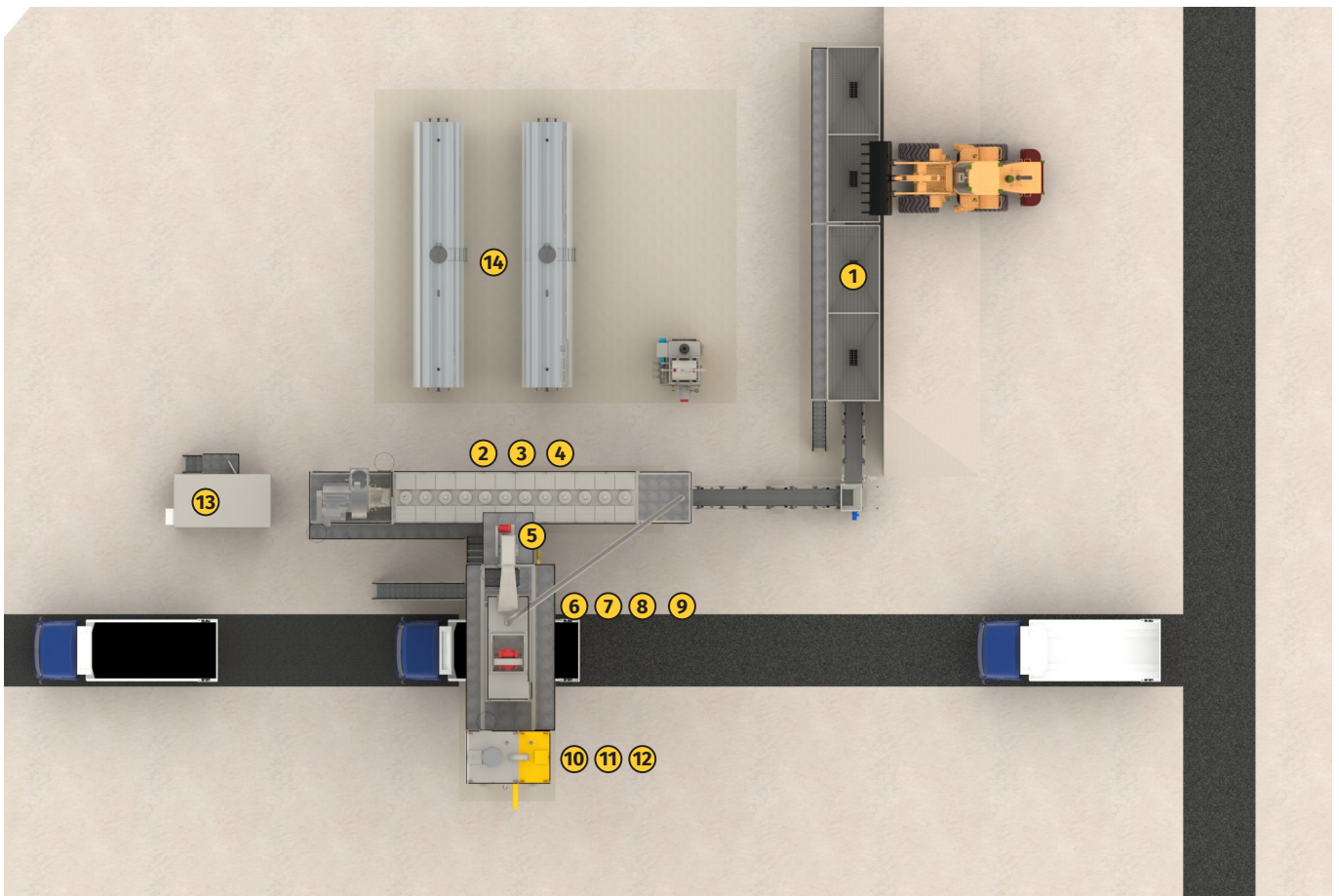
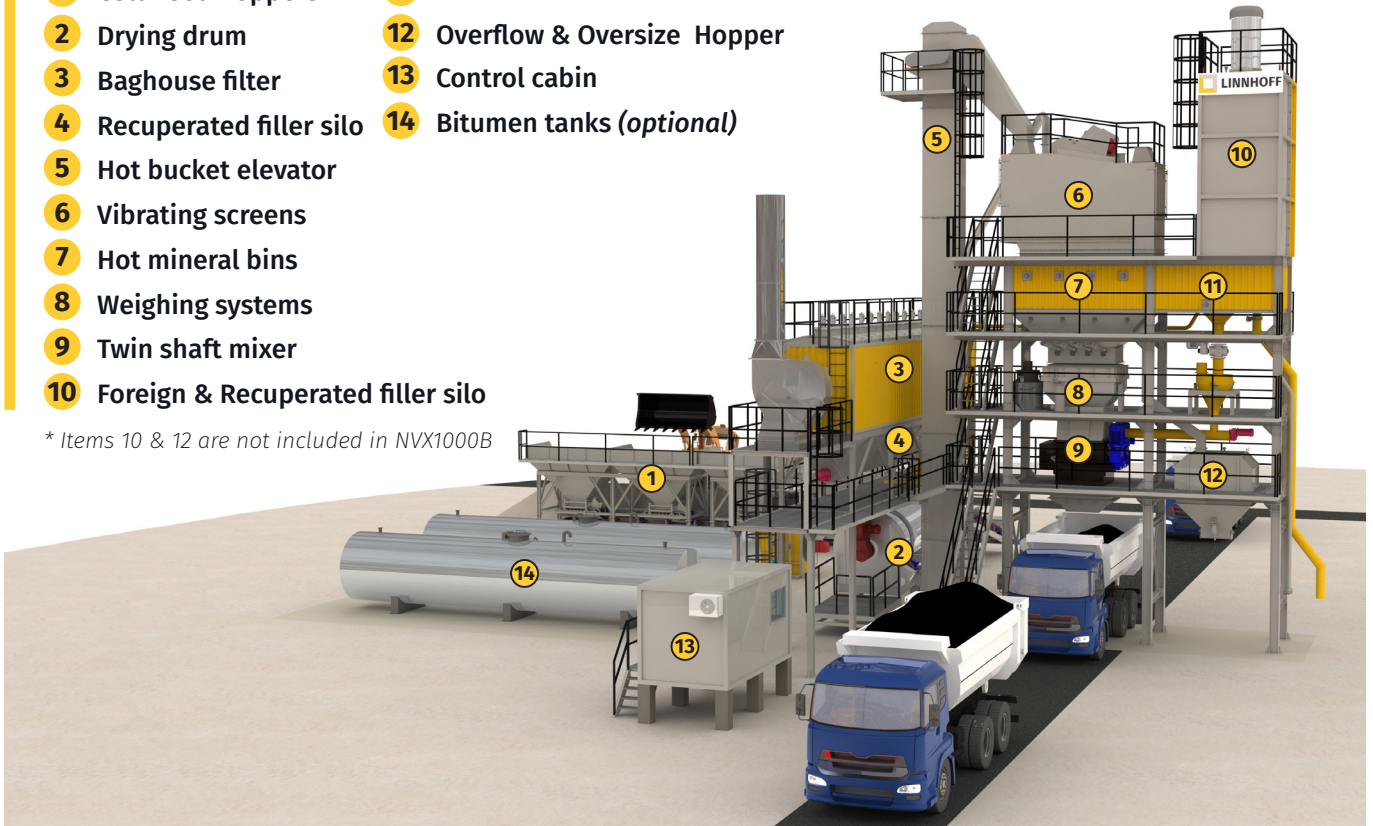
*** Items 10 & 12 and the Annex Tower are not included in NVX1000B

Specifications are subject to technical modifications.

Main Components

- 1 Cold feed hoppers
- 2 Drying drum
- 3 Baghouse filter
- 4 Recuperated filler silo
- 5 Hot bucket elevator
- 6 Vibrating screens
- 7 Hot mineral bins
- 8 Weighing systems
- 9 Twin shaft mixer
- 10 Foreign & Recuperated filler silo
- 11 Filler buffer silo
- 12 Overflow & Oversize Hopper
- 13 Control cabin
- 14 Bitumen tanks (optional)

* Items 10 & 12 are not included in NVX1000B





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 1080
Email: info.lla@lintec-linnhoff.com

Authorised Distributor



All specifications in this brochure are subject to modification without prior notice.

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