



TransMix 1500

Modular Free Standing
Asphalt Plant



Quality Engineered
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TransMix 1500 - 120tph Asphalt Batch Plant



- Modular construction - plant designed to fit in standard containers
- Fast on-site erection and dismantling
- Factory pre-wired & fully tested
- Inverter controlled exhaust fan
- High efficiency burner
- Electronic loadcell weighing
- Microprocessor controls, housed in remote control cabin
- Dust filter with emissions less than 20mg/m³

Aggregate Feed Unit

Compact, robust, modular 4 hopper cold feed unit with highly accurate AC variable speed inverter controlled direct drive motor/gear units.



Aggregate Dryer

Easily transported aggregate dryer with advanced design of internal lifters optimising thermal efficiency for maximum heat transfer. Choice of multi-fuel burners. Nylon support & thrust rollers reduce wear, vibration and noise.



Screening & Mixing Tower



The quick erect modular tower features a heavy duty aggregate screen within a fully sealed dust housing and ease of maintenance access with stairways & platforms at all levels.

All main sections of the plant are designed to be free standing with no tension or uplift to the slab bases. No holding down bolts are required. Hard standing is essential to accommodate the maximum pressure transmitted by the units of 0.35N/mm² (35.7 tonne/m²).

The TransMix 1500 has been designed to fit standard open top ISO containers for ease of shipment.

Control system: insulated & clad control cabin with a range of advanced control options from keypad to PC based, fully automatic systems, with fully programmable recipe storage.

Specification

	Units	
Aggregate Feed Unit		
Feed Hopper Capacity (Each) Heaped	m ³	9
Feed Hopper Loading Width	m	2.85
Feed Hopper Loading Height	m	3.45
Belt Feeder Length	m	1.2
Belt Width	mm	500
Collecting Conveyor Belt Width	mm	650
Aggregate Dryer		
Dryer Drum Diameter	m	1.8
Dryer Drum Length	m	7
Air Volume		
Dryer	m ³ /h	34,840
Mixing Section	m ³ /h	7,000
Total	m ³ /h	41,840
Screen & Mixing Section		
Elevator Capacity	t/h	130
Hot Storage Capacity	t	18
Hot Storage Bins	No.	4, 5 or 6
Aggregate Weigh Hopper Capacity	kg	1500
Bitumen Weigh Hopper Capacity	kg	150
Filler Weigh Hopper Capacity	kg	225
Paddle Mixer Capacity	kg	1500
Paddle Mixer Drive	kW	2 x 18.5

*Plant capacity is based on a temperature of 150°C output from mixer. Average moisture content 3%, including 3% filler and 5% bitumen in the mix. Mixer capacity of 1750 Kg per batch, 45 second weigh/mix cycle, 80 batches/hr

Note: Bag Filter Specification listed separated

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