Parker
PLANT LIMITED

Transmix 1500HL

Modular High Level Asphalt Plant

Quality Engineered
Excellence Since 1911

Transmix 1500HL - 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 & Hot Storage 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.

Discharge to truck or mixed material storage facility.

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 series 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	m³	9.5
Feed Hopper Loading Width	m	3.0
Feed Hopper Loading Height	m	4.4
Belt Feeder Length	m	1.5
Belt Width	mm	500
Belt Drive	kW	2.2
Collecting Conveyor Belt Width	mm	500
Collecting Conveyor Belt Drive	kW	5.5
Aggregate Dryer		
Dryer Drum Diameter	m	1.8
Dryer Drum Length	m	7.0
Dryer Drive	kW	30.0
Air Volume		
Dryer	m³/h	32,190
Mixing Section	m³/h	3,870
Total	m³/h	40,465
Screen & Mixing Section		
Elevator Drive	kW	11.0
Hot Storage Capacity	t	25
Hot Storage Bins	No.	4
Aggregate Weigh Hopper Capacity	kg	1500
Bitumen Weigh Hopper Capacity	kg	225
Filler Weigh Hopper Capacity	kg	300
Paddle Mixer Capacity	kg	1500
Paddle Mixer Drive	kW	2 x 18.5
Mixed Material Storage Capacity	t	35

*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 1500 Kg per batch, 45 second weigh/mix cycle, 80 batches/hr

Note: Bag Filter Specification listed separated

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