

StarBatch 1500



120tph Asphalt Plant

StarBatch is a range of highly efficient stack up asphalt mixing plants capable of producing a wide range of mixes to world standards. The tower section contains all the equipment for screening, hot stone storage, batch weighing and mixing. StarBatch plants are quality engineered and offer unrivalled performance and reliability.

COLD FEED

Hoppers

Hopper Capacity 10 m³ heaped
Hopper loading width 3 m

Belt Feeders

Length 1.7 m
Width 500 mm
Drive 2.2 kW
Capacity 120 tonnes/hour
Vibrator fitted to sand hopper

Collecting Conveyor

Width 650 mm
Drive 5.5 kW

AGGREGATE DRYER

Drum Diameter 1.8 m
Drum Length 7.0 m
Dryer Drive 30 kW
Capacity 120 tonnes/hour*

Air Volume m³/hour

Dryer 41,885
Mixing Section 9,550
Total 51,435



Cold Feed

Compact transportable cold feed unit with built in collecting conveyor and dryer feed conveyor. Direct drive motor/gear units give high reliability. High turndown ratio gives accurate control of feed rate. Variable speed control via AC motor and inverter.



Aggregate Dryer

Transportable unit with high efficiency internal lifter design. Optional insulated and clad drum. Fitted with advanced multi-fuel burner.

Features

- External access stairways on plant
- Efficient reverse air bag filter
- Fast on-site erection
- High efficiency burner
- Electronic load cell weighing
- Bitumen injection system

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Hot Stone Elevator

Elevator Capacity 130 tonnes/hour
Drive 11 kW

Screen

Decks 2 (4 sizes plus rejects)
Length 4.0 m
Width 1.8 m
Drive 11 kW/15 kW

Hot Storage Hoppers

No of Hoppers 4 or 6
Capacity 35 tonnes

Paddle Mixer

Batch Capacity 1750 kg
Drive 2 x 18.5 kW

Weigh Hopper Capacities

Aggregate 1750 kg
Filler 320 kg
Bitument 290 kg

Mixing Tower

Compact, low profile tower arrangement with vertical elevator and heavy duty screen with fully sealed dust housing. Batch weigh hoppers for aggregate, bitumen and filler, all load cell mounted.



Twin shaft, direct motor drive, high efficiency paddle mixer. Hard wearing abrasive resistant liner plates, paddle arms and tips. Discharge to truck or mixed material storage facility.



Control systems

Range of control options from key pad to PC-based, fully automatic systems, with programmable recipe storage.