

StarBatch 2000



160tph 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 650 mm
Drive 2.2 kW
Capacity 160 tonnes/hour
Vibrator fitted to sand hopper

Collecting Conveyor

Width 650 mm
Drive 5.5 kW

AGGREGATE DRYER

Drum Diameter 2.2 m
Drum Length 8.0 m
Dryer Drive 4x15 kW
Capacity 180 tonnes/hour*

Air Volume m³/hour

Dryer 62,560
Mixing Section 10,030
Total 72,590



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 180 tonnes/hour
Drive 15 kW

Screen

Decks 3.5 (6 sizes plus rejects)
Length 5.0 m
Width 1.8 m
Drive 11 kW/15 kW

Hot Storage Hoppers

No of Hoppers 4 or 6
Capacity 40 tonnes

Paddle Mixer

Batch Capacity 2250 kg
Drive 2 x 22 kW

Weigh Hopper Capacities

Aggregate 2250 kg
Filler 450 kg
Bitument 350 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.