

# StarBatch 2500



## 200tph 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 14 m<sup>3</sup> heaped  
Hopper loading width 4 m

#### Belt Feeders

Length 2.2 m  
Width 650 mm  
Drive 3 kW  
Capacity 200 tonnes/hour  
Vibrator fitted to sand hopper

#### Collecting Conveyor

Width 650 mm  
Drive 5.5 kW

### AGGREGATE DRYER

Drum Diameter 2.5 m  
Drum Length 9 m  
Dryer Drive 4x22 kW  
Plant Capacity 260 tonnes/hour\*

#### Air Volume m<sup>3</sup>/hour

Dryer 67,365  
Mixing Section 10,920  
Total 78,285



### 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 220 tonnes/hour  
Drive 22 kW

## Screen

Decks 3.5 (6) sizes plus rejects  
Length 6.0 m  
Width 1.8 m  
Drive 15 kW/18 kW

## Hot Storage Hoppers

No of Hoppers 4 or 6  
Capacity 45 tonnes

## Paddle Mixer

Batch Capacity 2750 kg  
Drive 2 x 37 kW

## Weigh Hopper Capacities

Aggregate 2750 kg  
Filler 650 kg  
Bitument 500 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.