

# StarMix 2000



## 160tph Asphalt Plant

The StarMix range embodies all that is the very best in asphalt plant design. Meeting all the criteria for a high performance aesthetically pleasing plant. Behind this is the quality of its engineering, with all aspects of its operation aimed at maximum production coupled to high running reliability with low maintenance.

### COLD FEED

#### Hoppers

Hopper Capacity 12 m<sup>3</sup> heaped  
Hopper loading width 4 m

#### Belt Feeders

Length 1.7 m  
Width 650 mm  
Drive 3 kW  
Capacity 105 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 4 x 22 kW  
Capacity 180 tonnes/hour\*

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

- Flexibility of plant layout-conventional or high level design
- Quality engineered-low maintenance operation
- Environmental design-sheeted and clad to customers requirements
- High thermal efficiency dryer
- Galvanised platforming and integral stairways including secondary emergency access
- Fully automatic controls
- Range of optimal equipment
- Multi-fuel burner

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## Hot Stone Elevator

Elevator Capacity	180 tonnes/hour
Drive	15 kW

## Screen

Decks	4.5 (6) sizes plus rejects
Length	3.4 m
Width	2.2 m
Drive	2 x 11 kW

## Hot Storage Hoppers

No of Hoppers	6
Capacity	50 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.

