

# Technical Specifications

Units	SBM1500	SBM2000	SBM3000	
<b>Plant Capacity</b>				
Output*	tph	120	160	240
<b>Cold Feed</b>				
Hopper Capacity (heaped)	m <sup>3</sup>	10.0	10.0	12.0
Hopper Loading Width	m	3.0	3.0	3.0
Belt Feeder Length	m	1.5	1.5	1.5
Belt Width	mm	500	500	650
Belt Feeder Drive	kW	1.5	2.2	3.0
Vibrator Fitted to Sand Hopper		YES	YES	YES
Collecting Conveyor Width	mm	500	600	750
Collecting Conveyor Drive	kW	4	5.5	7.5
<b>Aggregate Dryer</b>				
Dryer Drum Diameter	m	1.8	2.2	2.5
Dryer Drum Length	m	7.0	8.0	9.0
Dryer Drive	kW	30.0	45.0	4 x 22.0
Dryer Capacity	tph	120	160	240
<b>Air Volume</b>				
Dryer	m <sup>3</sup> /h	41,885	62600	80,760
Mixing Section Including Filler Silo	m <sup>3</sup> /h	9,550	9,990	12,600
Total	m <sup>3</sup> /h	51,435	72,590	93,360
<b>Hot Stone Elevator, Screen &amp; Mixing Section</b>				
Elevator Capacity	tph	120	160	240
Elevator Drive	kW	7.5	11.0	18.5
Screen Decks	No.	2 (4 size + rejects)	2 (4 size + rejects)	2 (4 size + rejects)
Screen Length	m	4.0	5.0	6.0
Screen Width	m	1.5	1.8	2.1
Screen Drive	kW	7.5	11.0	18.5
Hot Storage Capacity	t	11	17.7	28
Hot Storage Bins	No.	4	4	4
Batch Elevator Capacity	tph	130	160	240
Batch Elevator Drive	kW	7.5	7.5	15.0
Aggregate Weigh Hopper Capacity	kg	1500	2000	3000
Bitumen Weigh Hopper Capacity	kg	225	300	450
Filler Weigh Hopper Capacity	kg	300	400	600
Paddle Mixer Capacity	kg	1500	2000	3000
Paddle Mixer Drive	kW	2 x 18.5	2 x 22.0	2 x 37.0

\*Plant capacity is based on 3% moisture content of feed aggregate with 0.5% residual moisture content of mixed materials, dryer discharge temperature of 160°C, ambient temperature 15°C at altitude 150m above sea level, aggregate bulk density average 1600kg/m<sup>3</sup>, 5% bitumen content, 45 second weigh/mix cycle at 100% plant utilisation.

## Optional Asphalt Ancillary

### Mobile Bag Filter



### Mobile Bitumen Storage



### Mobile Filler Silo



## Benefits

- Fully mobile road towable units
- Minimum foundations required
- Fast on-site erection
- Factory pre-wired & fully tested
- Inverter controlled exhaust fan
- Dust emissions less than 20mg/Nm<sup>3</sup>

DEALER STAMP

**Parker Plant India PVT. Limited** - C9, Apollo Industrial Park, Opp Shanku's Water Park, Ahmedabad-Mehsana State Highway, Dholasan - 382732, Dist. Mehsana, Gujarat  
 T: +91 90990 71618, 90991 44644 E: info@parkerplant.in • www.parkerplant.in

All reasonable steps have been taken to ensure the accuracy of this publication. However, due to our policy of continual product development, Parker Plant India PVT. Limited reserve the right to change details without prior notice. All machines supplied in accordance with our standard conditions. Illustrations and photos may show optional equipment. All rights reserved.

Copyright © Parker Plant India PVT. Limited 2024



# Super-BlackMobile 1500 / 2000 / 3000 Mobile Asphalt Batch Plant

Quality Engineered  
Excellence Since 1911



# Super-BlackMobile

## 1500 / 2000 / 3000

### Mobile Asphalt Batch Plant

The Parker Super-BlackMobile combines quality and mobility to provide one of the most reliable and easily transported asphalt mixing plants available anywhere in the world.

Designed to satisfy the needs of contractors who demand nothing less than the best quality asphalt which is within specification at all times, the Super-BlackMobile is the ideal solution for major road and motorway construction projects. Requiring minimal foundations the Super-BlackMobile has been a particular favourite for many international airport surfacing contracts across the world.

The three main units of the plant - cold feed, dryer and mixing sections - are fully mobile and on arrival at site can be brought quickly into operation. Their field proven design offers high reliability with low maintenance.



Material flow for a Super-BlackMobile 1500.

## Product Range



### SBM1500 - 120tph

By far the most popular machine in the range, with a capacity of 120tph.



### SBM2000 - 160tph

Producing up to 160tph, the SBM2000 has proven its ability to deliver high specification mixes on many airports contracts worldwide.



### SBM3000 - 240tph

Able to deliver up to 240tph, the SBM3000 is the model of choice for larger production contracts.



### Cold Feed

Multi-hopper, road mobile cold feed unit with built in collecting conveyor and dryer feed conveyor. Direct drive geared motor units give high reliability. Accurate variable speed control via AC motor and inverter.



### Aggregate Dryer

Road mobile unit with high efficiency internal lifter design, optional insulated and clad drum. Integrated primary dust cyclones and highly efficient burner all on one chassis.



### Mixing Section

Low-level, mobile unit with integral vertical hot elevator, which fold down for travelling. Heavy duty screen with fully sealed dust housing. Batch weigh hoppers for aggregate, bitumen and filler; all load-cell mounted. Fully synchronised twin shaft direct geared paddle mixer.