## **Technical Specifications**

	Units	SBM1500	SBM2000	SBM3000
Plant Capacity				
Output*	tph	120	160	240
Cold Feed				
Hopper Capacity (heaped)	m³	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
Aggregate Dryer				
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
Air Volume				
Dryer	m³/h	41,885	62600	80,760
Mixing Section Including Filler Silo	m³/h	9,550	9,990	12,600
Total	m³/h	51,435	72,590	93,360
Hot Stone Elevator, Scre	en & Mi	king Section		
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/ m3, 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

DEALER STAMP

 Dust emissions less than 20mg/Nm³ Parker Plant India PVT. Limited - C9, Apollo Industrial Park, Opp Shanku's Water Park, Ahmedabad-Mehsana State Highway, Dholasan - 382732, Dist. Mehsana, Gujarat Copyright © Parker Plant India PVT. Limited 2024



# 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.





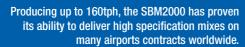
Road mobile unit with high efficiency internal lifter design, optional insulated and clad drum. Integrated primary dust cyclones and highly efficient burner all on one chassis.



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.



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





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



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.