

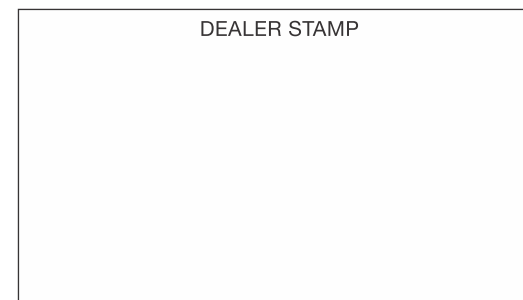
Technical Specifications

	Units	StarMix 100	StarMix 140	StarMix 180	StarMix 220	StarMix 260
Plant Capacity						
Output*	tph	100	140	180	220	260
Cold Feed						
Hopper Capacity (heaped)	m ³	8	10	13	13	15
Hopper Loading Width	m	3	3	3	3	3.5
Belt Feeder Length	mm	1500	1500	1500	1500	1800
Belt Width	mm	500	500	500	500	600
Belt Feeder Drive	kW	2.2	2.2	2.2	2.2	3.0
Vibrator Fitted to Sand Hopper		YES	YES	YES	YES	YES
Collecting Conveyor Width	mm	500	600	650	650	750
Collecting Conveyor Drive	kW	4.0	5.5	5.5	5.5	7.5
Aggregate Dryer						
Dryer Drum Diameter	m	1.5	1.8	2.2	2.2	2.5
Dryer Drum Length	m	6.5	7.0	8.0	8.0	9.0
Dryer Drive	kW	4 x 5.5	4 x 7.5	4 x 15.0	4 x 15.0	4 x 22.0
Air Volume						
Total	Nm ³ /h	19,420	32,870	46,860	46,860	60,650
Filter Cloth Area	m ²	441	588	833	833	1078
Hot Stone Elevator, Screen & Mixing Section						
Elevator Capacity	tph	100	140	180	220	260
Elevator Drive	kW	11.0	11.0	15.0	15.0	30.0
Screen Decks	No.	2 (4 sizes + rejects)	2 (4 sizes + rejects)	2 (4 sizes + rejects)	2 (4 sizes + rejects)	4 (4 sizes + rejects)
Screen Size (length x width)	m	4.0 x 1.5	4.0 x 1.8	5.0 x 1.8	5.0 x 1.8	3.3 x 2.0
Screen Area	m ²	8.9	13.8	17.6	17.6	26.4
Screen Drive	kW	7.5	11.0	11.0	11.0	2 x 15
Hot Storage Capacity	t	30	30	40	45	60
Hot Storage Bins	No.	4	4	4	4	4/5/6
Aggregate Weigh Hopper Capacity	kg	1250	1750	2250	3250	3250
Bitumen Weigh Hopper Capacity	kg	150	225	250	450	550
Filler Weigh Hopper Capacity	kg	200	325	350	600	650
Paddle Mixer Capacity	kg	1250	1750	2250	3250	3250
Paddle Mixer Drive	kW	2 x 11.0	2 x 18.5	2 x 22.0	2 x 37.0	2 x 37.0

*Plant capacity is based on 150°C from mixer. Average moisture content of 3%, including 5% filler and 5% bitumen in the mix at sea level with 30°C ambient temperature, 42.3 second weigh/mix cycle, 85 batches per/hr.

Benefits

- Flexible plant layout - with low or high level options
- Complete plant designed for ease of access and maintenance
- High thermal efficiency dryer with proven replaceable lifter design
- Nylon designed support and thrust rollers for reduced dryer wear & noise
- Fully automatic multi-fuel burner options
- Asphalt feed systems (RAP) and SMA fibre/additive systems available



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Parker
PLANT INDIA PVT. LIMITED

StarMix

Modular Asphalt Batch Plants



**Quality Engineered
Excellence Since 1911**

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StarMix Range



Modular Asphalt Batch Plant

The Parker StarMix range embodies all that is the very best in asphalt plant design with low and high level options.

A first choice for contractors making a long term investment in a high performance asphalt plant which ensures quality asphalt production, reliability and longevity.

Meeting all production and environmental criteria for a high performance asphalt plant, the StarMix is a European designed market leader now being manufactured in India.

Options

- Fully automatic multi-fuel burner
- High level integrated mixed material storage
- Reclaimed dust systems
- Imported filler silo
- Reclaimed asphalt feed system (RAP)
- SMA fibre and additive systems



Cold Feed

Compact transportable multi-hopper, cold feed unit with built in collecting conveyor, scalping screen and dryer feed conveyor. Direct drive geared motor units provide high reliability and accurate variable speed control via AC motor and inverter.



Aggregate Dryer

Advanced design of internal lifters optimising thermal efficiency for maximum heat transfer. Nylon support & thrust rollers to reduce wear on dryer roller paths and noise. Choice of multi-fuel burners available.



Screen

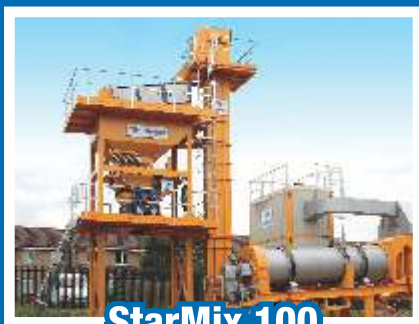
Heavy duty aggregate screen within a fully enclosed and sealed dust housing.



Paddle Mixer

Fully synchronised direct drive twin shaft paddle mixer with abrasion resistant liner plates, paddle arms and tips.

Product Range



StarMix 100



StarMix 140



StarMix 180



StarMix 220

- Modular Design
- High Performance
- Quality Mix
- Latest Technology
- European Designed
- Made in India