

SPEEDCRAFTS

ASPHALT & CONCRETE EQUIPMENT

Offering High Quality
Asphalt Drum Mix Plants
Both In Stationary & Mobile Versions



**AS PER
US SPECS**



Plant Capacity
30 TPH, 50 TPH, 70 TPH
90 TPH, 120 TPH

SPEEDCRAFTS

www.speedcrafts.com
www.speedcrafts.net

Speedcrafts, the flagship company of our group was established in 1971 in Patna, the capital of Bihar. From a modest beginning, today our manufacturing unit covers 27 acres of land, with approx. 25,000 sq. mtrs. (250,000 sq. ft.) of covered area, in-house machine shop, forging arrangement, fabrication shop, press shop, mechanical, hydraulic and electrical assembly facilities and paint shop as well as handling and packaging facilities. Over the past Forty years Speedcrafts Limited has built a formidable reputation for quality and technical excellence of its products. With in-house R&D and technical collaboration with world-leaders in road making machine industry, backed by an ISO 9001 Certification, Speedcrafts is known for not only quality, but also for its commitment towards total customer satisfaction and implementation of projects on schedule.

Modern Manufacturing Facility



New Generation Drum Mix Asphalt Plants

- Five models with production capacities ranging from 30 to 120 tph.
- Stationary and mobile plants.
- Includes Cold feed bins, Drum mixer fitted with fully automatic and modulating burner, Drag conveyor with integral discharge hopper, Wet scrubber, Asphalt tank, Fuel tank, Control cabin, Computer automated controls.
- Bag Filters and Storage Silos available as an option.

Strongly Built Plants

Plants are well built to meet tough working conditions, constructed of heavy duty steel and high quality parts.

DRUM MIXER

Drum mixers are constructed of C-45 steel plate for longer life. Main frame is built with large structural beams for extra strength. Drum shell is coated with heat resistant paint for heat retention. Drum is provided with friction drive through four trunnions and individual gears. Proven flight design ensures maximum heat transfer and mixing.



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ASPHALT (BITUMEN) TANK

Burner heated asphalt tank is standard with our drum mixer. Tanks are built with heavily reinforced steel structures and fitted with diesel fired burner. Hot oil coils are also provided in the tank, allowing the hot oil to circulate through jacketed pipes and pump. US make Asphalt and hot oil pumps are used.



WET SCRUBBER (POLLUTION CONTROL SYSTEM)

Plant is equipped with a standard wet scrubber type pollution control system. Wet scrubber system includes all duct work, automatically controlled air damper, water spray nozzles, water pump and exhaust fan.



COLD FEED BINS

Plants are provided with 3 or 4 cold feed bins. All bins are strongly built and mounted on heavy duty beams for extra strength. Bins have self-relieving bottom opening which eliminates bridging of the feeders. Each bin is provided with variable speed inverter drives through gear motors.





FULLY MODULATING BURNER

Drum Mixer is equipped with fully automatic, diesel fired burner. Burner assembly includes control motor, oil and air piping, pilot and main flame scanners, turbo blower and fuel pump.

COMPUTER AUTOMATED CONTROLS

Plant controls are mounted on a centralized panel inside the control house. PC/PLC based automation system allows the operator to automatically control the asphalt blending process. Controls include burner controls, temperature controls, damper controls, emergency plant shut down controls, sequential start and stop controls. The display shows Production TPH, Aggregate TPH, Asphalt TPH & Mix Temperature. Computer controlled automation system is fully backed with a semi-automatic control system. Daily production datas can be printed out for records.



DRAG CONVEYOR

Plant is equipped with a drag output conveyor. Drag conveyor is built with heavy steel sections, bottom and sides are provided with abrasion resistant wear liners. US make high quality drag chain is supplied, fitted with heat treated sprockets, gear box and motor.



FUEL TANK

One Tank of 5,000 / 10,000 Ltrs. capacity is provided with each plant.



MODEL	DM-30	DM-50	DM-70	DM-90	DM-120
DRUM MIXER					
Production Capacity*	30 TPH	50 TPH	70 TPH	90 TPH	120 TPH
Drum Motor	4 x 3.7 kw	4 x 5.5 kw	4 x 5.5 kw	4 x 7.5 kw	4 x 11 kw
Drum Burner	Fully Modulating	Fully Modulating	Fully Modulating	Fully Modulating	Fully Modulating
Burner Capacity	12 Mbtu/hr	25 Mbtu/hr	25 Mbtu/hr	40 Mbtu/hr	40 Mbtu/hr
Burner Blower Motor	7.5 kw	15 kw	15 kw	22 kw	22 kw
Dust Collection System	Wet Scrubber	Wet Scrubber	Wet Scrubber	Wet Scrubber	Wet Scrubber
Exhaust Fan Motor	22 kw	45 kw	45 kw	55 kw	90 kw
COLD FEED BINS					
Number of Bins	3	4	4	4	4
Bin Capacity (Each)	7.5 ton	7.5 ton	7.5 ton	10 ton	15 ton
Bin Feeder Motor	1.1 kw	1.5 kw	1.5 kw	1.5 kw	2.2 kw
Bin Feeder Belt Width	500 mm	600 mm	600 mm	600 mm	600 mm
Collecting Conveyor Belt Width	500 mm	600 mm	600 mm	600 mm	600 mm
Collecting Conveyor Motor	3 kw	3.7 kw	3.7 kw	3.7 kw	5.5 kw
Slinger Conveyor Belt Width	NIL	600 mm	600 mm	600 mm	600 mm
Slinger Conveyor Motor	NIL	2.2 kw	2.2 kw	2.2 kw	3.7 kw
DRAG CONVEYOR & HOPPER					
Capacity	50 TPH	70 TPH	90 TPH	120 TPH	150 TPH
Drag Conveyor Motor	7.5 kw	15 kw	15 kw	15 kw	30 kw
Discharge Hopper	0.5 ton	1 ton	1 ton	1 ton	1.5 ton
ASPHALT (BITUMEN) TANK					
Number of Tank	1 x 30,000 L	1 x 40,000 L	1 x 40,000 L	1 x 40,000 L	1 x 40,000 L
Bitumen Heating System	Burner Heated	Burner Heated	Burner Heated	Burner Heated	Burner Heated
Bitumen Pump (Jacketed)	2.2 kw	3.7 Kw	3.7 Kw	3.7 Kw	5.5 Kw
External Bitumen Pipes	Hot Oil Heated	Hot Oil Heated	Hot Oil Heated	Hot Oil Heated	Hot Oil Heated
Hot Oil Pump (Gear Pump)	1.1 kw	1.5 kw	1.5 kw	1.5 kw	1.5 kw
FUEL TANK					
Capacity	5,000 L	5,000 L	5,000 L	10,000 L	10,000 L
Fuel Pump Motor	1.1 kw	1.1 kw	1.1 kw	1.1 kw	1.1 kw

*Capacity @5% moisture content

Due to our Policy of continuous improvement / development, the technical data mentioned in this entire catalogue is not binding and subject to change without notice

Note:

- ◆ All Mobile Plants are provided with Tandem Axle fitted on Cold Feed Bins, Drum Mixer & Asphalt Tank. Landing Gears, Steel Foundation Plates, Braking System etc. are also provided.
- ◆ Higher Capacity Plants are available on specific enquiry.

R & D DIVISION

Equipped with latest design software and technology dedicatedly works on finding solutions to tomorrows needs. We offer tailor made plants as per individual customers requirement.



Few of our valued customers



Exhibitions Worldwide



Intermat 2015, France



FOCI 2015, Nigeria



Samoter 2014, Italy



Bauma 2012, China



Big 5 2012, Dubai



Constech 2012, Thailand



Conexpo 2011, USA



Bauma 2010, Germany



Excon 2009, India

SPEEDCRAFTS

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Plants under despatch

