

SPEEDCRAFTS

ASPHALT & CONCRETE EQUIPMENT



AN ISO 9001
CERTIFIED COMPANY

ASPHALT BATCH MIX PLANT

80 TPH, 120 TPH, 160 TPH
180 TPH, 200 TPH

SPEEDCRAFTS

Speedcrafts Limited is a renowned Indian manufacturer of Asphalt Drum Mix Plants, Concrete Batching Plants, Pavers, Rollers, Bitumen Sprayers, Road Sweepers etc.

With design, drawing & technology from a European company, we are manufacturing Asphalt Batch Plants at our modern manufacturing facility at Patna. Our state-of-art Batch Plants will exceed all customer expectations with their:

- User friendly controls
- Fast & easy installation and start-up
- Low maintenance costs
- Excellent fuel efficiency





Dryer Drum

Is designed for longer life. Proven flight design ensures a perfect distribution of material to be dried. The drum is guided through two rolling steel rings on 4 trunion rollers, coupled with geared motors and bearings, mounted on a sturdy main frame.



Burner

Our modulating burner works with either diesel or heavy oil. Burner is provided with servo motor for air regulation and PID Controller for modulation.



SPEEDCRAFTS



Batching Tower

Is fully automatic to offer the best guarantee in terms of product quality. The operator can choose all the required process parameters and all components of the tower will become automatically set to obtain the requested product. The main units of the tower such as elevator, screen, hot aggregate storage bins and mixer are designed for long life, low maintenance and reliability.



Cold Feed Bins

Plants are provided with heavy duty cold feed bins. Bins have self-relieving bottom opening, which eliminates bridging of the feeders. Each bin is provided with variable speed inverter drive through gear box & motor.





Control Unit

Computerised Controls are provided for burner, temperature, damper, emergency plant shut down, sequential start and stop, etc. The display shows Aggregate, Asphalt, Filler & Production TPH and also Temperature display of Aggregate, Asphalt, Exhaust & Mix Material. Daily production datas can be printed out for records. Controls are mounted on a centralised control panel inside the Control Room.



Bag House Filter

Bag house filters remove the dust from the dryer's exhaust and comply with the most severe environmental regulations. They are fitted with safety devices for temperature control and automatic counter-flow cleaning through main exhauster and complete system for recovery and re-use of filler.



SPEEDCRAFTS

Technical Specification

PLANT MODEL			BM 80	BM 120	BM 160	BM 180	BM 200
	Plant Capacity *	tph	80	120	160	180	200
COLD FEED BINS							
	Number		4	4	4	4	4
	Capacity	cum	10	10	13	15	15
DRYER DRUM							
	L x D	mm	8000 x 1800	8000 x 2000	8000 x 2200	9000 x 2200	9000 x 2200
	Drive Type		4 Wheel, Friction Drive				
Burner	Type		High Pressure, Automatic, Modulating				
	Fuel		Heavy Oil / Diesel				
	Power	MW	7.1	9.3	12.4	14.2	15.5
BATCHING TOWER							
Screening	Method		Inclined Circular Vibration				
	No. of Selections		4 + DIR	4 + DIR	4 + DIR	4 + DIR	4 + DIR
Hot Aggregate Bin	Number		4	4	4	4	4
	Capacity	cum	5	10	10	12	12
Mixer	Type		Twin Shaft				
	Batch Size	kg	1000	1500	2000	2250	2500
	Cycle Time	sec	45	45	45	45	45
POLLUTION CONTROL UNIT							
	Type		Bag House filter				
	Filter Area	sqm	355	580	665	720	800
CONTROL UNIT							
	Type		Fully Computerized				
ACCESSORIES							
Filler silo	Capacity	cum	10	10	15	15	20
Bitumen Tanks		ton	1 / 30	1 / 30	2 / 30	2 / 30	2 / 30
	Heating System		Thermal Oil Heating				
Thermal Oil Heater	Capacity	kcal / hr	250,000	250,000	400,000	400,000	400,000
Fuel Tank	Capacity	lt	10,000	10,000	15,000	15,000	20,000

* Capacity at 3% moisture content

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



Bitumen Tank

Tanks are insulated with rock-wool, available in horizontal type and heated by thermal oil with automatic temperature adjustment. Suitable valves to control the charge, transfer and discharge of bitumen among tanks are provided.

Other Products at a Glance



ASPHALT DRUM MIX PLANT

These are fully indigenous models of stationary & mobile plants upto 150 TPH capacity. Very well accepted both domestically & internationally & have proved themselves in all tough situations.

An ideal machine for preparing wet mix macadam material for base and sub-base fitted with fully automatic microprocessor based controls. Available from 60 TPH to 240 TPH capacity.



SOIL STABILISATION (WET MIX) PLANT



SELF LOADING CONCRETE MIXER

With Technology from Italy, our self loading mixers are manufactured using key components from Europe. These are 4x4 drive with off-road capability & deliver real concrete output of 1 cbm, 2.5 cbm & 4 cbm.

Compact design and fully automatic mobile concrete plant is manufactured upto 20 cbm/hr. capacity. Ease of erection and operation is the key feature of this plant.



MOBILE CONCRETE PLANT



PAVER FINISHER

A mechanically propelled Paver with heated, fully floating, hydraulically operated vibrating screed with mechanical controls for adjustments of height and camber. Paving width from 2.5 to 4 mtr., paving thickness upto 205 mm.

An extremely compact and fully self-contained bitumen and aggregate mixing plant, trailer mounted on four pneumatic wheels with drawbar and turntable. Capacity upto 10 TPH.



MOBILE HOT MIX PLANT



BITUMEN PRESSURE DISTRIBUTOR

Truck mounted self propelled bitumen pressure distributor with suitable heating system and variable spray bars to operate on constant pressure system. Spraying width from 2.4 to 4.2 mtr. by extension bar.

Pothole Repairing Machine are manufactured with latest world proven technology. This is a compact, efficient and cost effective system, based on advanced pneumatic placement technology.



POTHOLE REPAIRING MACHINE



DIESEL ROAD ROLLER

Smooth wheeled Diesel Road Rollers with operating weight from 8 to 12 tonnes are fitted with 4 forward and 4 reverse speed gear box. The most popular compaction machine for low density roads.

A very effective machine to sweep roads prior to tack coating. Drive is through the PTO of the tractor and tractor hydraulics are used to lift and lower the machine on the surface to be swept. Standard sweeping width is 2.135 mtr.



ROAD SWEEPER

SPEEDCRAFTS

ASPHALT & CONCRETE EQUIPMENT

www.speedcrafts.com
www.speedcrafts.net



SPEEDCRAFTS LIMITED

MARKETING HEADQUARTERS

'Unitech Business Zone'
Tower C, Unit No. 804
Nirvana Country, Sector 50
Gurgaon - 122 001, (Delhi NCR)
Tel : 0091-124-2219968
Fax : 0091-124-2219928

CORPORATE OFFICE

'Layak Bhawan'
Boring Canal Road
Patna - 800 001, Bihar
Tel : 0091-612-2534514 / 2520914
Fax : 0091-612-2527029

REGIONAL OFFICE

'Neelamber Building'
Flat No. 5F, 5th Floor
28-B, Shakespeare Sarani
Kolkata - 700 017, West Bengal
Tel : 0091-33-22804458
Fax : 0091-33-22905390

MANUFACTURING UNITS

UNIT - I

Plot No.1A, Sector-7, IIE (SIDCUL)
Hardwar, Uttrakhand, India

UNIT - II

Layak Enclaves, Sahay Nagar
Phulwarisharif, Patna, Bihar, India

CIN : U34100BR1971PLC000904

info@speedcrafts.com | info@speedcrafts.net

