



SIDHARATHA
INFRATECH PVT. LTD.

1500+
Installation Machinery

ELEVATING
VALUE
FOR



THE
FUTURE

MAKING WORLD CLASS
MACHINERY FOR
ROAD CONSTRUCTION
INDUSTRY

www.siplasphaltplant.com



About us

We "SIDHARATHA GROUP" established in 1995 by Founder Mr. Govind Bhai Suthar at the industrial zone of city Mehsana (Hub of Road Construction Machine Manufacturing in India") North Gujarat (IN).

We are one of the nation's most popular road construction equipment manufacturer in the industry.

www.sidharathaequipments.com

Vision

To be a part of globe manufacturing road construction equipments for india's growth. by providing world class quality, performance, reliability, customer satisfaction, and to buid roads for connecting india.

Mission

To deliver innovational construction equipment solution to the customer. to Perdue innovate, develop & adopt state of modern technology to enhance productivity & cost effectiveness.

Quality

We "SIDHARATHA GROUP" are committed to being a customer's-oriented organization where quality is the inspiration and innovation on the way ahead. we also believe that there is no compromise in quality and therefore our all products are designed, with the focus of customer's exact need, consistently high quality, prompt delivery, affordable price, and fastest after sales service to our customers.

Values

Honesty, Integrity, Quality, Reliability in both products and services drive our every action. Maintain a thirst for knowledge to better advise and assist our current and future customers. We function better as a team, with each person adding to the others abilities and knowledge. to be fair & transparent in all our dealings with customers, business partners, associate and with each other.

Innovations

Our "SIDHARATHA ENGINEERING WING" with mordern computerized work stations and manned by highly experienced, qualified and motivated Engineers is continuously working on tomorrow's solutions by constantly upgrading and developing the quality of products.

Infrastructure

SIDHARATHA is a leading manufacturer and supplier of high-quality asphalt road construction equipment and plant machinery. With a strong foundation built on innovation, engineering excellence, and customer satisfaction, we specialize in the design, development, and manufacturing of cutting-edge machinery used in modern infrastructure development.

We are equipped with a state-of-the-art manufacturing facility that integrates advanced CNC machining, quality testing labs, and a skilled workforce committed to precision and durability. All our equipment complies with international standards and is designed to meet the needs of contractors, government agencies, and infrastructure developers across the globe.

We don't just build plant machines— we power infrastructure growth, we engineer reliability and deliver performance. Whether its highways, rural roads, or airport runways, our machinery plays a vital role in shaping the roadways of tomorrow.

SIDHARATHA
INFRA TECH PVT. LTD.



well equipped factory in
10,500 # MTR
own land area

Experienced of
30+
Years



In house
Manufacturing
Facility

**ADVANCED
PRODUCTION FACILITIES—
WHERE INNOVATION
TAKES SHAPE**



We '**SIDHARATHA**' have an in house raw material testing laboratory and our well experienced engineers conduct idle test-run of each equipment, we produce to ensure consistently best quality.

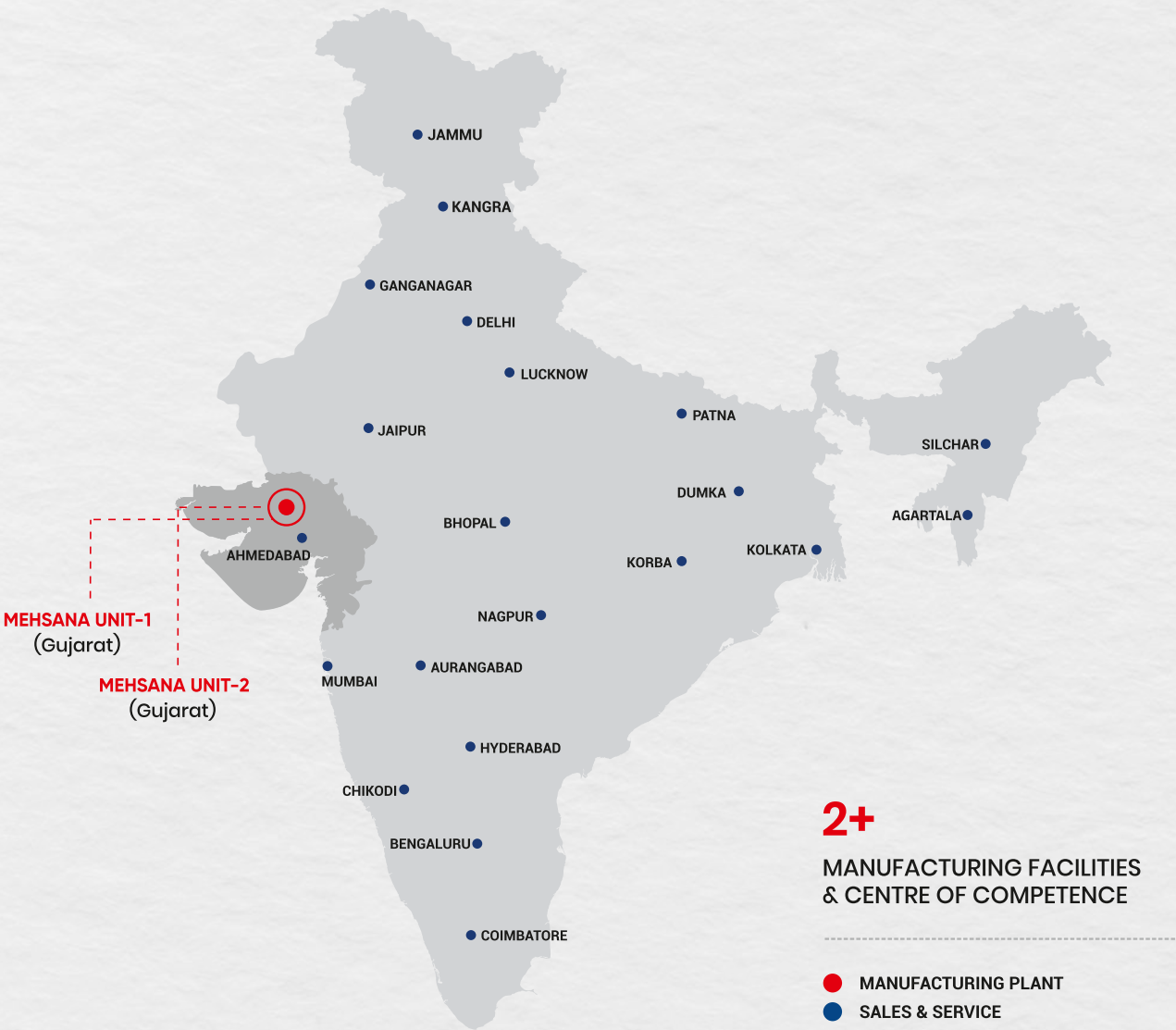
Why It Matters :

This advanced infrastructure means your projects stay on schedule, with plants that run smoothly, consume less fuel, and deliver high-quality roads that last.

Our India Network

To be a global leader in manufacturing road construction equipment, **SIDHARATHA** is to support India's growth by being a key player in global road construction equipment manufacturing—providing world-class quality, performance, reliability, and customer satisfaction, while building roads that connect communities across the country.

SIDHARATHA delivers cutting-edge solutions for cost-effective, flexible, and eco-friendly asphalt production. With a strong presence across India, our skilled sales and service network ensures reliable support and nationwide reach.



Our Finance Support



Our Global Network

To be a part of globe manufacturing road construction equipments for india's growth. by providing world class quality, performance, reliability, customer satisfaction, and to buid roads for connecting india.



INDUSTRY WE SERVE

- Drum Mix Plant | Wet Mix Plant
- Counter Flow Plant | Drum Mix Plant With - WMM Attachment | Batch Mix Plant
- Hydraulic Broomer | Trolley Mounted Sprayer
- Truck Mounted Sprayer | Kerb Laying Machine
- Kerb Cutter Machine | Pollution Controller
- Decanter | Trolley Mounted Diesel Dispenser Unit





Introduction :

The Drum Mix Plant with Parallel RAP (Reclaimed Asphalt Pavement) Plant is a modern, high-performance system designed for sustainable road construction. It allows the efficient production of high-quality hot mix asphalt by incorporating recycled asphalt materials while maintaining superior mix quality and performance.



Major Components &
Technical Specifications :

A. Virgin Aggregate Handling System :

- Cold Aggregate Feeder Bins: 4bins with individual gates and variable speed drives
- Vibrating Screen: Removes oversize materials
- Conveyor Belts: Heavy-duty with adjustable speed

B. Virgin Aggregate Drying & Heating :

- Rotary Dryer Drum with integrated burner
- Burner Compatibility: Diesel, LDO, FO, Natural Gas
- Production Capacities: 40 to 120 TPH (Model dependent)
- Automatic Temperature Control System

C. Dust Collection System::

- Primary: Cyclone Separator
- Efficient dust extraction ensuring environmental compliance



D. RAP (Reclaimed Asphalt Pavement) System :

- RAP Feeder Bin with variable speed drive
- RAP Transfer Conveyor to Parallel RAP Dryer
- Parallel Flow RAP Dryer with independent burner
- Pre-heating of RAP without direct flame contact
- RAP Conveyor to Main Mixing Section
- RAP Usage Capacity: Up to 35% (mix design dependent)

F. Filler Addition Unit (Optional) :

- Filler Storage Silo
- Screw Conveyor Feeding System

H. Control Cabin & Automation :

- Fully Air-conditioned Control Cabin
- PLC-Based Control System with Touch Screen Operation
- Automatic/Manual Mode Selection
- Real-time Monitoring of Temperatures, Feed Rates, RAP Percentages
- Data Logging & Production Reports

Technical Highlights :

- RAP usage up to 35% with optimized mix quality
- Parallel RAP Dryer ensures no direct flame exposure to RAP
- Precise temperature and material feed control
- Energy-efficient Burner Systems
- Comprehensive Dust Collection System
- Modular design for easy transportation and quick setup

Available Models :

Model	Rated Capacity (TPH)	Maximum RAP Usage (%)
DM - 45	40 - 60	20 - 25 %
DM - 50	60 - 90	25 - 30 %
DM - 60	90 - 120	30 - 35 %

* Per SIPL's Policy of constant up gradation of product, specification are subject to change without prior notice.

E. Bitumen System :

- Bitumen Storage Tanks: 20,000 to 30,000 liters (as per requirement)
- Jacketed Bitumen Pump with variable speed control
- Precise Bitumen Injection with PID Controller

G. Mixing & Discharge :

- Continuous Mixing in Main Drum
- Optimized Mixing Zone for uniform coating of aggregates and RAP



“Heavy-Duty Machines,
For High-Impact Roads.”



CONCLUSION :

The Drum Mix Plant with Parallel RAP System represents an eco-friendly, reliable, and cost-effective solution for modern asphalt production, enabling high RAP usage without compromising performance.



DRUM MIX PLANT

DM Series 20-120 TPH

www.siplasphaltplant.com



Thermo drum Unit of entire plant is the real heart. It is made of a Rotating cylindrical steel drum Mounted on 4 – Trunnion rollers on a robust chassis on legs for vibration free rotation. Drum function is in 2 parts heating zone for aggregates heating to desired temp by numbers of internal cascading flights. A high-pressure oil-fired burner is mounted at feeding end & flame and hot gases heat aggregates by radiation, Convection and conduction heat transfer process. Lower half portion of drum is mixing zone where in hot liquid bitumen binder is sprayed in specially design J-shaped Flights Thoroughly mixes heated Aggregates By fully Coating Bitumen and Produces homogeneous Mix. A rotary discharge rotor at the drum end discharge out mix material on to load conveyor. Multicone cyclones and exhaust fan with stack is also mounted on the chassis at lower end. electronic, computerized control panel controls aggregate gradation control, bitumen % control & final Mix temperature as per MoRTH specifications.



Technical Specifications :

SIDHARATHA
INFRA TECH PVT. LTD.

Model	DM-45 (40-60 TPH)	DM-50 (60-90 TPH)	DM-60 (90-120 TPH)
Four Bin Feeder			
No. Of Bin	4	4	4
Storage Capacity	40 Ton.	40 Ton.	54 Ton.
Auxiliary Drive Motor	2 HP X 4 Nos.	2 HP X 4 Nos.	2 HP X 4 Nos.
Auxiliary Conv. Belt	450 mm X 2.92 mtr.	450 mm X 2.92 mtr.	450 mm X 2.92 Mtr.
Gathering Drive Motor	5 HP	5 HP	5 HP
Gathering Belt	600mm X 24 Mtr.	600mm X 24 Mtr.	600mm X 24 Mtr.
Auxiliary Conv. Gear Box	Inbuilt Heavy Duty Gear Box	Inbuilt Heavy Duty Gear Box	Inbuilt Heavy Duty Gear Box
Bin Vibrating Motor	0.5 HP	0.5 HP	0.5 HP
Vibrating Screen			
Screen Size	45mm X 45mm	45mm X 45mm	45mm X 45mm
Vibrating Motor	1 HP	1 HP	1 HP
Slinger Conveyor			
Drive Motor	3 HP	5 HP	5 HP
Conv. Drive Gear Box	Inbuilt Heavy Duty Gear Box	Inbuilt Heavy Duty Gear Box	Inbuilt Heavy Duty Gear Box
Conveyor Belt	500mm X 14.2 mtr	600mm X 14.2 mtr.	600mm X 16 Mtr.
Dryer (Drum) Unit	1.23 mtr. X 6 mtr.	1.54 mtr. X 6.7 mtr.	1.85 Mtr. X 7.31 Mtr.
Drive Motor	20 HP	25 HP	40 HP
Drive Gear Box	Heavy Duty Worm Gear	Heavy Duty Worm Gear	Heavy Duty Worm Gear
Drive Chain Pitch	2.5" Pitch	3.075" Pitch	3.075" Pitch
Main Burner Connected Power	7.5 HP	10 HP	15 HP
Exhauster	10500 CFM	14500 CFM	18500 CFM
Exhauster Drive Motor	20 HP	25 HP	40 HP
Multi Cone Dust Collector			
No. Of Cones	12 Nos.	16 Nos.	20 Nos.
Dust Crew Drive Motor	1 HP	1 HP	2 HP
Mineral Filler	1000 Kg. Capacity	1000 Kg. Capacity	1000 Kg. Capacity
Drive Gear Box	Inbuilt Heavy Duty Gear Box	Inbuilt Heavy Duty Gear Box	Inbuilt Heavy Duty Gear Box
Drive Motor	2 HP	2 HP	2 HP
Air Blower	3 HP	3 HP	5 HP
Fuel Tank Capacity	2000 Ltr.	5000 Ltr.	6000 Ltr.
Fuel Tank Drive Motor	2 HP	3 HP	3 HP
Fuel Oil Pump	600 LPH	1000 LPH	1500 LPH
Load Out Conveyor			
Conveyor Drive Motor	5 HP	5 HP	7.5 HP
Conveyor Drive Gear Box	Inbuilt Heavy Duty Gear Box	Inbuilt Heavy Duty Gear Box	Inbuilt Heavy Duty Gear Box
Conveyor Belt – HR Grade	500mmX17.9 Mtr. (HR Belt)	600mmX17.9 Mtr. (HR Belt)	600mmX21.2 Mtr. (HR Belt)
Gob Hopper Capacity	1000 Kg.	1200 Kg.	2500 Kg. (Silo)
Hyd. Power Pack	2 HP	2 HP	3 HP
Bitumen Tank			
Bitumen Heating Burner	Electronic Burner	Electronic Burner	Electronic Burner
Capacity	16 Ton.	22 Ton.	25 Ton.
Bitumen Drive Motor	5 HP	5 HP	5 HP
Bitumen Gear Box	Heavy Duty Worm Gear	Heavy Duty Worm Gear	Heavy Duty Worm Gear
Bitumen Pump (Jacketed)	2" X 2"	2" X 2"	2" X 2"
Control Cabin Inbuilt Control Panel	Fully Electronic Automation	Fully Electronic Automation	Fully Electronic Automation
Connected Power	85.5 HP	101 HP	142.5 HP
Open Land Requirement	35 Mtr. X 35 Mtr.	35 Mtr. X 35 Mtr.	40 Mtr. X 40 Mtr.
Optional	Pollution Controll Unit Ventury Type	Pollution Controll Unit Ventury Type	Pollution Control Unit Ventury Type

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WET MIX PLANT

WMM Series 60-220 TPH

www.siplasphaltplant.com



Crafting Strong Roads,
One Machine at a Time.



Technical Specifications :

SIDHARATHA
INFRA TECH PVT. LTD.



WMM plant is used for base & Subbase of road At Starting Of any road projects or during widening roads. Our plant is designed and made with focus in mind to make it best suitable to Indian customers & Indian site conditions of all over country. The plant is as per IRC technical specifications by MoRTH of government of India.

Model	WM-100 (100-120 TPH)	WM-150 (150-180 TPH)	WM-200 (200-220 TPH)
Pugmill Unit			
No. of Arms	24	28	32
Gear			Heavy Duty Worm Type
Connected Load	30 HP	40 HP	50 HP
Water Tank			
Capacity	10,000 Ltr.	12,000 Ltr.	12,000 Ltr.
Water Pump	2 HP	3 HP	3 HP
Vibrating Screen			
Drive Motor		1 HP	
Wire Mash		90 X 90 mm	
Four Bin Feeder			
No. of Bin		4	
Storage Capacity	40 Ton	40 Ton	54 Ton
Auxiliary Drive Motor		2 HP X 4 Nos.	
Auxiliary Conveyor Belt		450mm X 2.92mtr.	
Auxiliary Conveyor Gear Box		Inbuilt Heavy Duty Gearbox	
Gathering Drive Motor		5 HP	
Gathering Gear Box		Inbuilt Heavy Duty Gearbox	
Gathering Conveyor Belt		600mmX24mtr.	
Bin Vibrator	0.5 HP	0.5 HP	1 HP
Slinger Conveyor			
Drive Motor		5 HP	
Conveyor Belt	500mmX14.2mtr.	600mmX14.2mtr.	600mmX14.2mtr.
Conveyor Drive Gear Box		Inbuilt Heavy Duty Gearbox	
Load Out Conveyor			
Conveyor Drive Motor	5 HP	5 HP	7.5 HP
Conveyor Drive Gear Box		Inbuilt Heavy Duty Gearbox	
Conveyor Belt	600mmX17.9mtr.	600mmX17.9mtr.	600mmX21.200mtr.
Gob Hopper Capacity	1200 Kg.	1200 Kg.	2500 Kg. (Silo)
Hydraulic Power Pack		3 HP	
Required Storage Silo (Optional)	12 MT	15 MT	20 MT
Cement Screw Conveyor			
Cement 6" Screw Conveyor		5 HP	
Hopper Capacity		1 Ton.	
Hoper Vibrator		0.5 HP	
Hopper Wire Screen Mash		90 X 90 mm	
Control Cabin Inbuilt Control Panel			
Electric System		Fully Electronic Automation	
Optional Imulsion Tank Power			
		5 HP	
Total Connected Power	72 HP	84 HP	95.5 HP

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SIDHARATHA Launches a Continuous Flow Single Drum CF Dm-plant With Newest Technology Of Counter Flow Heating Of Aggregates And their Mixing With Bitumen in the Same Drum.

The Main Advantage Of this Technology is energy saving by less Fuel Consumption and minimum emission Pollution than in Conventional Parallel Flow Dm-Plant.

In this Plant, Burner is Mounted at the discharge end of thermodrum. A long nose burner through mixing zone of drum extends to the point After bitumen spray. Flame or hot gases Produced there by, never come in contact with bitumen or mix material and that is why no blue smoking of bitumen occurs which otherwise, damage binding characteristics of Bitumen in mix produced by parallel flow type plant.

Heating zone of drum and bitumen mixing zone is re-designed with internal flights functions with respects to their new location and function.

Exhaust gases without any bitumen particles are now suitable to pass through a bag filter and valuable dry fines can be used / recycled in the plant.

Water spray venturi type pollution control can be customers optional choice to save initial cost of plant.

RAP adding Facility is optional.

Model	DM-50 (60-90 TPH)	DM-60 (90-120 TPH)
Feeder Unit		
Auxillary Conveyor Belt and Drive	450mm X 2.92m / 2HP X 4 Nos. = 8 HP	
Gathering Conveyor Belt and Drive	600mm X 24mtr/5HP	
Auxillary and Conveyor Gear Box	Inbuilt Heavy Duty Gear Box	
Bin Vibrator Motor	0.5HP	
Vibrating Screen		
Oversize Removal Size	45X45mm	
Drive	1HP	
Slinger Conveyor		
Slinger Conveyor Belt	600mmX16mtr.	
Slinger Conveyor Gear/Drive	Inbuilt Heavy Duty Gear Box/5HP	
Dryer Unit		
Type Drying Drum	Cylindrical, Inclined Counter Flow	
Diameter/Length	1650/7080mm (With Rap Ring)	1800/8500mm (With Rap Ring)
Drum Drive (Rap Ring)	12.5X4=50HP (Total 4nos)	15X4=60HP (Total 4nos)
Drum Drive Motor (Chain Drive) (Optional)	50HP	60HP
Drum Drive Pitch (Chain Drive) (Optional)	Pitch 3.075"	Pitch 3.075"
Dryer Burner Unit		
Burner Blower	15HP	20HP
Burner Pump/Pumping Unit	Dowty/7.5HP	
Exstauster Capacity	60HP Motor Power	75HP Motor Power
Bag House		
Filter Capacity	200m²	
Fuel Tank		
Fuel Tank Capacity	10,000 Ltr.	12,000 Ltr.

Model	DM-50 (60-90 TPH)	DM-60 (90-120 TPH)
Load Out Conveyor		
Load-Out Conveyor Belt Width	600mmX21mtr. (HR Belt)	
Load-Out Conveyor Gear/Drive	Inbuilt Heavy Duty Gear Box/7.5HP	
Gob Hopper Capacity	1.5 Ton	2 Ton
Hydraulic Power Pack	2HP	3HP
Filler Unit		
Mineral Filler Tank Capacity	1 Ton	
Mineral Filler Gear/Drive	Inbuilt Heavy Duty Gear Box/2HP	
Air Compressor	7.5HP	10HP
Bitumen Tank		
Bitumen Tanks	Horizontal Type, Direct Heating	
Bitumen Tanks Capacity	22000 Ltr.	25000 Ltr.
Bitumen Tanks Burner	Electronics	
Control Cabin		
Control Panel	Inbuilt Panel with PLC/Scada Based	
Recycling Additions	through rap addition ring in the drum	
Optional Items	Pollution Control Unit	
Open land Requirement	50 X 35 Mtr.	50 X 40 Mtr.
Gen. Set Capacity	180 KVA	200 KVA

Hot mix production capacity based on following conditions: 10 % bitumen and 12 % filler addition, input moisture of aggregates 3 %, hot mix temperature of 150 °C and 0/2 fraction share max. 40 %.

* Per SIPL's policy of constant up gradation of products, specifications are subject to change without prior notice.

ASPHALT DRUM MIX PLANT & WET MIX PLANT COMBO

www.siplasphaltplant.com

Technical Specifications :

SIDHARATHA
INFRA TECH PVT. LTD.

YOUR ADVANTAGES

- Requires less land area due to common 4-bin feeder & ramp for aggregates feeding,
- One single compact automatic electronic panel, housed in a robust, fully furnished control cabin.
- Saving in cost of the machinery & land.
- Features of 2-plants (DM&WMM) are in a single combo plant, thus reduces the requirement utility machinery like: D.G.set, Loader for aggregates feeding & of course a single set operating staff thus,

Considerable Saving in Your Overall Production Cost.

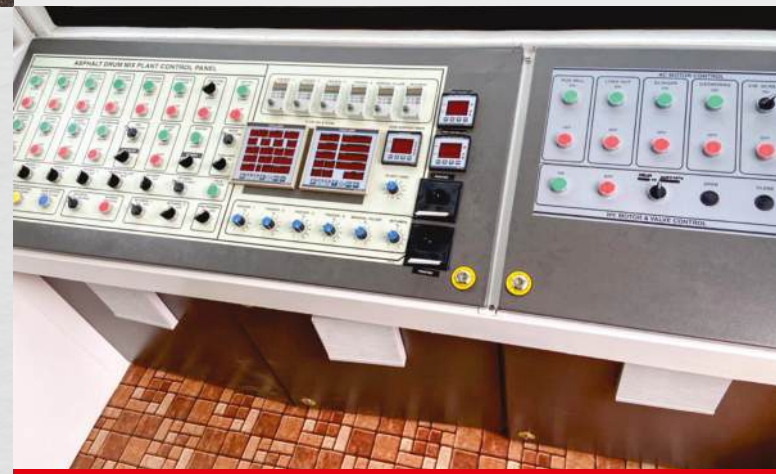


Mix plants are designed to deliver consistent quality, reduce downtime, and ensure your roads stand the test of time.

WONDERFUL COMBO OF 2-PLANTS IN ONE.

- It fulfills all production requirements in a single unit.
- It is Real Value for your money.

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SIDHARATHA ASPHALT BATCH MIX PLANT is an amazing combination of Acclimatized international technology to suit to Indian climatic conditions and economy. highly thermal efficient plant means considerable saving on fuel energy. - minimum carbon footprints due to minimum CO, CO2 gases & dust emission from stack thus pollution control system is designed to meet the stringent Govt. pollution norms. plant actually delivers promised tph as rated. - plant produces high quality consistent asphalt hot-mix by precise control of aggregates gradation & bitumen content of each batch by weighing on load cells.

Plant Model	1000	1500	2000
Plant capacity at 3 % moisture content	80 t/h	120 t/h	160 t/h
Batch size	1000 kg	1600 kg	2000 kg
Cycle time	45 sec	45 sec	45 sec
Units			
Cold feed bins (No. of Bins)	4	4	4
Charging conveyor (Capacity)	140 t/h	140 t/h	180 t/h
Thermo drum (Dryer (LxD))	6.6 × 1.54 mtrs	7.5 × 1.8 mtrs	8 × 2.1 mtrs
Drive type	4W Friction drive		
Burner Type	High pressure, fully automatic, modulating		
Fuel	Diesel / furnace oil		
Capacity	7.6 MW/hr	14.1 MW/hr	14.1 MW/hr
Hot elevator capacity	140 t/h	140 t/h	180 t/h
Tower unit			
Filler elevator capacity	21 t/h	21 t/h	21 t/h
Screening unit (Screening method)	Inclined linear vibration		
No.of deck	4	4	4
Screening capacity	140 t/h	140 t/h	180 t/h
Weighing unit (Aggregate hopper capacity)	1600 kg	1600 kg	2000 kg
Filler hopper capacity	300 kg	300 kg	300 kg
Bitumen hopper capacity	225 kg	225 kg	225 kg
Mixer unit type	Twin-shaft hot oil jacketed		
Mixer capacity	1600 kg	1600 kg	2000 kg
Bitumen pump	800 lpm	800 lpm	800 lpm
Pollution Control Unit			
Primary type	Centrifugal double cyclone		
Secondary type	Bag house filter		
Bag house filter	Reverse airflow		
Filter area	330 m²	330 m²	330 m²
Control panel type	Fully computerized with manual over-ride		
Accessories			
Filler silo (Capacity range)	10 Ton	15 Ton	15 Ton
Bitumen tanks (Capacity range)	15 / 25 / 30 / 50 Ton.		
Heating system	Direct heating / thermic oil heating		
Thermic oil heater (Hot oil heater capacity)	300000 / 500000 kcal/hr		
Hot mix storage silo (Capacity range)	12 – 200 m³		
	3 % moisture content in cold aggregates		
	Aggregate density of 1.6 tons / m³		
Plant capacity rated at:	Mean sea level		
	Ambient temperature of 30 °C		
	Hot mix temperature of 150 °C		

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Precision Mixing
Technology For Perfect
Asphalt Every Time

HYDRAULIC BROOMER

www.siplasphaltplant.com



Hydraulic road broom can be conveniently moved by attaching at the rear of a tractor. All the machine parts used in this road sweeper are highly durable and suited for tough road conditions. Operating and maintenance of this hydraulic road sweeper is easy. can be operated conveniently with the hydraulic drive of the tractor.



Technical Specifications :

Mode Of Operation	Can be Operated conveniently by towing with hydraulic drive of tractor		
Sweeping Width	1.6 Meter Clear Sweeping		
Sweeping Adjustments	Adjustable On Both sides as per the Slope of Road		
Wheel	Two Heavy Duty Wheels		
Material of Brush	Nylon bristles or Iron bristles or a combination of both		
Suitable to use for	Metaling		
	Wet Mixed Macadam Surface		
	Asphalt Road Surface Etc.		

Total Length	3300 mm	Sweeping Width	1600 mm
Width	2400 mm	Total Width Of Brush	2270 mm
Height	1500 mm	Angling of Brush	45 Degree
Sweeping Speed	7 to 15 km/hr.	Diameter of Brush	450 mm
Running Speed	25 km/hr.	Wheels for Drive	2 Tyre (Tyre Size 6.00-12)

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TROLLY MOUNTED BITUMEN SPRAYER

SIDHARATHA
INFRA TECH PVT. LTD.



Easy Mobility, Fast Smooth To wing and Uniform bitumen spraying by a high pressure pump, nozzles and flexible hose are special benefits of our machine. Thick glass wool insulation with steel sheet Cladding on bitumen tank prevents heat losses and maintain bitumen temp. as required for spraying an easy to fire and operate lap oil Burner for any layman, quickly achieves bitumen temp to start the job without waste of time at job site. high pressure bitumen pump run through a gear box by an air cooled diesel engine is the major components of consideration of equipments performance.



Technical Specifications :

Model	SIPL-3000	3000 Litres
Bitumen Tank	Shape	U Shape
	Insulation	50mm Thick with glass wool
	Temp. Gauge	0-300° C
	Wooden Heating System	350mm Diameter X 10mm Thick
	Mounting	Self chachiss mounted on wheels
	Wheel Size	8.25.16 (2-Nos.)
Manual Hand Spraying	Pipe Length	3 Meters
	Type of Pipe	Ss Corrucoted hose pipe
	Bitumen spraying pressure	0-3 kg/cm ²
Bitumen Pump	1.5"X1.5" Size positive displacement gear pump with output of 200-300 Litre/min.	
Burner	LAP Type Fuel consumption 7-8 Litre/hour	
Engine Fuel Tank	Capacity 5 Litre	
Burner Fuel Tank	Capacity 20 Ltr.	
Engine	Kirloskar make air cooled diesel engine	

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TRUCK MOUNTED SPRAYER (BPD)

www.siplasphaltplant.com



This mobile equipment basically developed for prime coat of bitumen on WMM road surfaces and tack coat on old asphalt paver surfaces. It uniformly sprays hot bitumen or emulsion in exact prescribed quantity Kg/Mt² As Per Specifications Laid By IRC OF MoRTH. Capacity Range Available.



Technical Specifications :

SIDHARATHA
INFRA TECH PVT. LTD.

Spray with
Precision,
Cover
Every Mile
Efficiently.



Model	SIPL-4000	SIPL-6000	SIPL-8000	SIPL-10000
Tank Detail				
Length-L	2400 mm	3000 mm	4000 mm	4400 mm
Width-W	2108 mm	2108 mm	2108 mm	2208 mm
Height-H	1708 mm	1708 mm	1708 mm	1758 mm
Capacity	4000 Ltr.	6000 Ltr.	8000 Ltr.	10,000 Ltr.
Insulation	50 mm	50 mm	50 mm	50 mm
Shape	Elliptical	Elliptical	Elliptical	Elliptical
Burner				
Type	Compressed Air Type	Compressed Air Type	Compressed Air Type	Compressed Air Type
Burner Fuel Tank	50 Ltr.	50 Ltr.	50 Ltr.	50 Ltr.
Engine Fuel Tank	20 Ltr.	20 Ltr.	20 Ltr.	20 Ltr.
Service Tank	20 Ltr.	20 Ltr.	20 Ltr.	20 Ltr.
Recommended Chechiss				
Wheel Bas - WB	148"	176"	182"	198"
Clear Chechiss Length - CL	5000 mm	5600 mm	6600 mm	7000 mm
Min. Height of Chechiss - CH	1150 mm	1150 mm	1150 mm	1150 mm
Bitumen Pump	Internal Gear Pump	Internal Gear Pump	Internal Gear Pump	Internal Gear Pump
Driving Unit				
Engine Model	Kirloskar HA 294	Kirloskar HA 294	Kirloskar HA 294	Kirloskar HA 294
Engine Output	18.5 kW@2000rpm, Air Cooled	18.5 kW@2000rpm, Air Cooled	18.5 kW@2000rpm, Air Cooled	18.5 kW@2000rpm, Air Cooled
Air Compressor	Twin Cylindere, 2.25kW	Twin Cylindere, 2.25kW	Twin Cylindere, 2.25kW	Twin Cylindere, 2.25kW

Components of Bitumen Sprayer:

- Fully Insulated (Galvanised/S.S. Sheet) bitumen tank fitted with automat burner for eatn te bitume at required temperature.
- Bitumen Puping system comprising of positive displacement gear pump, bitumen lnes and valves.
- 25 HP Air Cooled two cylinder Engine
- Air Compressor
- Foldable spray bar with basic width 2.5 mtr. and extendable up to 4.2 mtr.. is fitted with pneumatically operated and easily adjustable nozzles placed at standard pitch of 225 mm. Spray bar delivers bitumen at ranging from 0-6 kg/sqm.
- Manual hand spraying attachment.
- Controls: The spraying system incorporates some of the best controls in terms of automation aanopeions well as maintenance making the equipment very rugged, easy to use & maintain. The automation provided is based on the parameters of asphalt required per unit area for a given job and the required flow of asphalt is controlled automatic based on the speed of the truck.
- Cleaning system to avoid clogging after use.

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KERB LAYING MACHINE

www.siplasphaltplant.com

Sidharatha Kerber is a compact machine for laying concrete kerbs of different dimensions, through the extrusion process. An automatic Sensor device provides steering and height control. The use of a zero slump concrete ensures shape true to the mould design. The concrete can be fed into the machine from a Concrete Transit Mixer or a flat bed truck (tractor trolley) be in KP 40/ KP 60.



KERB CUTTER MACHINE



This is very easy to use for Cutting Road Divider. Also this is very fast and easy to operate with low maintenance and save time with deceased man power.

**Cutting Through Concrete.
Carving Your Path Forward.**

POLLUTION CONTROL

Exhaust Gases Produced by burning fuel on any HMP contains fine dust particles and burnt carbon smoke. Such gases are passed through this pollution control unit which is in two parts venturi duct with water spraying and a separator tank. At throat of venturi duct water spraying nozzles producer, a mist of water in which all pollution particles mix and become heavy in weight. This wet gases then enters into separators tank in cyclonic motion & so they get separated in mud from main stream. The mud goes to water settling tank in the ground & is Periodically removed. Total pollution free clean gas goes into atmosphere. Pollution control efficiency is as close to high except very fine particles below 3 – Microns.

* Per SIPL's Policy of constant up gradation of product, specification are subject to change without prior notice.



MOBILE ASPHALT PLANT

SIDHARATHA
INFRA TECH PVT. LTD.



Here's a detailed overview of the Mobile Asphalt Drum Mix Plant—a compact, continuous asphalt mixing solution widely used for road construction, particularly in India.



▲ Technical Specifications :

Advantages

Portable & quick setup — ideal for shifting job sites.
Continuous mixing offers efficiency and consistent asphalt quality.
Automated controls reduce operator dependency and human error.
Emission control systems protect environment and comply with regulations.
India's PMGSY and state highway schemes require patching and short stretches of paving. Mobile plants allow asphalt production on-site, reducing material loss and improving quality. Perfect for hill regions or tribal areas where transport of hot mix is not feasible.

Mobility and Flexibility

Easily transported to remote or rural job sites. Mounted on wheels or skids, they reduce the need for permanent installation. Ideal for short-term, small to mid-scale projects across multiple locations.

Cost-Effective for Small Projects

Lower initial investment compared to high-capacity stationary plants.
Reduces logistics and transportation costs of hot mix (which cools quickly if transported far) Saves on land costs, as they don't require permanent installation space.

Scalable and Customizable

Available in different capacities : **DM-25 (30-35 TPH), DM-35 (30-40 TPH), DM-45 (40-60 TPH), etc.**

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DECANTER
(BITUMEN DRUM MELTING UNIT)

www.siplasphaltplant.com



Technical Specifications :

Model	2 x 9	2 x 10	3 x 9	3 x 10	4 x 9	4 x 10
CAPACITY /HR.	3 TONS	3.5 TONS	5 TONS	5.5 TONS	6.5 TONS	7 TONS

Salient Features:

We are manufacturing Bitumen drum decanter which is robust and rigid heavy structure made from standard steel. There are two parts in unit, upper part is calling Heating Chamber and lower part is storage tank for melt bitumen. Heating chamber and storage tank is fully insulated with 75mm Rockwool. Use of hot oil heating coils to indirectly heat up asphalt which can prevent asphalt quality from aging during heating. Seamless tubes are used for heating unit which are 2.9mm thick and tested at 2000 PSI. There is drum loading system by means of hydraulic cylinders and power pack to decreasing man power and production coast also.

Thermic Boiler

- 3,00,000 - 15,00,000 kcal/h capacities
- Can be used separately from control cabin
- Can be run or run out by automatic min-max temperature control time
- High-low pressure control
- Level gauge for thermal-oil / voiced and lightened Warning system
- Thermal circulation pump
- High Efficiency

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TROLLEY MOUNTED DIESEL
DISPENSER UNIT

SIDHARATHA
INFRA TECH PVT. LTD.



Here is a technical specification for a Trolley Mounted Diesel Dispenser Unit, commonly used for mobile fuel dispensing in industrial, agricultural, or construction applications. This can be customized depending on the manufacturer or user requirements.



Technical Specifications :

Tank and Trolley

- Storage Capacity: 2000 litres
- Tank Material: Mild Steel Plate, 5 mm thick
- Tank Features: Welded construction, includes safety vent and drain valve
- Trolley Frame: MS structure with towing hook and parking stand
- Tyres: 616" industrial-grade tyres
- Suitable for on-site refueling. Includes a storage tank, pump, hose, and metering system.

Dispenser Unit

- Model Options: CE-202-DC / CE-202-AC
- Inlet & Outlet Size: 25 mm
- Flow Rate: 20 - 60 LPM
- Power Supply:
 - CE-202-DC: 12V DC or 24V DC
- Application: Diesel Fuel
- Temperature Range: -20°C to +60°C
- Accuracy: ±0.5%
- Account Range: 0 - 9999999999.99
- Price Range Display: 0.01 - 99.99
- Includes: Automatic shutoff fuel nozzle, 4m rubber hose

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SIDHARATHA
INFRA TECH PVT. LTD.

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