

Mobile Asphalt Batching Plant

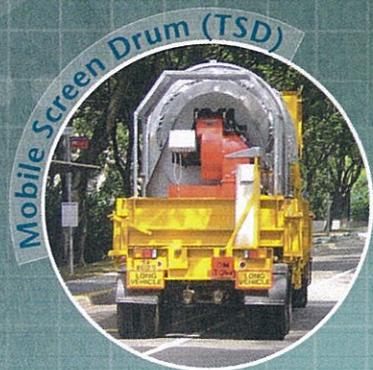


Sprint with Linnhoff Mobile for...

Better Mobility

Self Lifting

Quick Set-up



Technical Specifications



MODEL	TSD-1000	TSD-1500		
Capacity @ 5% M.C	60 TPH	100 TPH	FEATURES	BENEFITS
1 MOBILE COLD FEED HOPPER UNIT				
No. of cold feed hoppers	2+1 (equipped with Vibrator)	3+1 (equipped with Vibrator)	Endless belt feeder Shaft mounted gear motor	Maintenance free Less power consumption
Volume of each hopper	6 m ³	6 m ³		
Feeder belt capacity	30 TPH	50 TPH	Frequency inverter control	Better accuracy
Feeder belt drive motor	1.1 kw	1.5 kw		
Feeder belt width	400mm	500mm		
COLLECTING BELT				
	ENDLESS BELT		Endless belt Shaft mounted gear motor	Maintenance free Less power consumption
Capacity	70 TPH	100 TPH		
Drive motor	2.2 kw	3 kw		
Belt width	500 mm	500 mm		
THROW BELT CLEATED BELT c/w BACKSTOP				
Capacity	70 TPH	100 TPH	Endless belt	Maintenance free
Drive motor	4 kw	5.5 kw	Shaft mounted gear motor	Less power consumption
Belt width	500 mm	500 mm		
2 MOBILE SCREEN DRUM UNIT				
Dryer capacity	60TPH @5%H ² O	100TPH @5%H ² O	Power Pack Hydraulic Self-jacking	No crane is needed
Drum diameter	1400 mm	1600 mm	Rotary drum (no vibrating) screen	Less wear & tear on screens Better heat utilisation
Drum drive motor	22 kw	30 kw		
Number of screen section	4	4		
Total screening area	21 m ²	25 m ²		
BURNER c/w BLOWER				
Type of Fuel	Diesel/heavy fuel oil	Diesel/heavy fuel oil	High pressure burner	Less fuel consumption
Heat output	400 kg/hr	600 kg/hr	Enclosed type	Less noise level
Fuel Pump	Gear pump	Gear pump		
Start-up	Auto	Auto		
Blower Drive motor	11 kw	15 kw		
HOT MINERAL BINS				
	4 COMPARTMENT WITH OVERFLOW & OVER SIZE CHUTES			
Total capacity	10 tons	12 tons		
Discharge flap	two-stage	two-stage		
Compressor	750 LPM	750 LPM		
3 MOBILE WEIGHING & MIXING UNIT				
Aggregate weigher-Capacity	1150 kg	1500 kg	2 stage mineral flap	Better dosing accuracy Shorter cycle time
Filler weigher-Capacity	175 kg	225 kg	Round Butterfly valve discharge	No filler leakage
Bitumen weigher-Capacity	150 kg gravity flow	150 kg gravity flow	Gravity discharge	Less oxidation
MIXER				
	TWIN SHAFT SYNCHRONISED SPUR GEAR		Larger paddles arms & tips	Shorter mixing time Homogeneous mix
Mixer capacity	1150 kg	1500 kg	Replaceable Ni-Hard Liners	Last longer
Mixer drive motor	2 x 18.5 kw	2 x 22 kw		
4 MOBILE BAGHOUSE				
	AMBIENT AIR CLEANING BAG FILTER		Differential pressure ambient air cleaning system (no air compressor) Aluminium cages Quality "Nomex" socks	Lower fuel consumption Longer bag service life Maintenance free <0.02 g/m ³ dust emission
Filter Area	306 m ²	400 m ²		
Exhaust fan drive motor	37 kw	55 kw		
Damper	radial	radial	Servo motor driven	Auto controlled
Recuperated filler hopper	underneath baghouse	underneath baghouse	Recycled filler Controlled dust disposal	
Filler screw conveyor	2 x 3 kw	2 x 3 kw		
Collecting screw conveyors	2 x 5.5 kw	2 x 5.5 kw		
CONTROL ROOM UNIT				
Cabin type	Cabin with glass windows, insulated, dust proof and air-conditioned Pentium computer, 17" LCD monitor, printer, pre-loaded Linnhoff control software system, micro series PLC, switch gear & control gear housed within power and control panels			Durable, no electromagnetic interference User Friendly controls Easy connection (plug-in and plug-out connectors)
5 SKID MOUNTED BITUMEN TANK				
Capacity	45 tons	45 tons		
Direct heated / Thermal hot oil heated				

Mobility

LINNHOF Mobile Asphalt

Batching Plant is the answer

to all your job requirements.

It's ingenious and simplicity

in design allow for easy

transportation from one site

to another. Setting up time is

short and final installation of

minor components can be

done easily.

Mobile Cold Feed Hopper Unit



Mobile Screen Drum Unit



Mobile Weighing & Mixing Unit



Mobile Baghouse & Control Room Unit



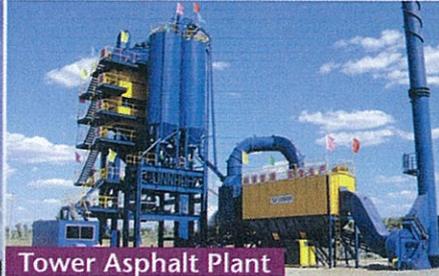
Other Plant Models



Modular Asphalt Plant



Base Stabilisation



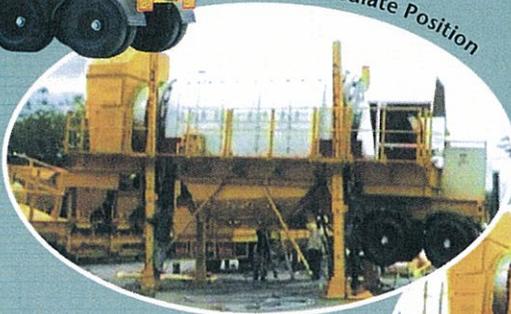
Tower Asphalt Plant



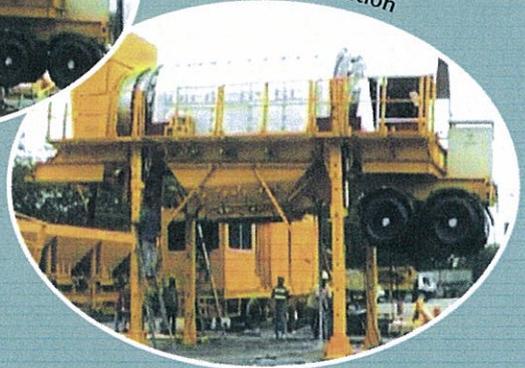
Hot Recycling Plant



Intermediate Position



Final Position



BRAC ENGINEERING (M) SDN BHD (204853-W)

No 13-2, Jalan SP2/1, Taman Serdang Perdana, Seksyen 2
43300 Seri Kembangan, Selangor Darul Ehsan, Malaysia.
E-mail: brac@po.jaring.my
TEL : (03) 8945 1161 Fax : (03) 8945 1136

LINNHOF TECHNOLOGIES PTE LTD (A member of IPS-LINTEC Group of Companies)

71 Tech Park Crescent, Tuas Tech Park, Singapore 638072 Tel: +65 6863 1111 Fax: +65 6863 1080

Email: linnotech@singnet.com.sg • Website: www.linnhoff.com