

Wet Mix Macadam/CTSB Plant



**One Stop
Solution**

for your all Construction
& Infrastructure Equipments

CONSTRUCT | COMMIT | CONQUER

CONINFRA
MACHINERY PVT. LTD.

Standard Configuration

MODEL	CMPL 100	CMPL 150	CMPL 200	CMPL 250	CMPL 300
CAPACITY	100 TPH	150 TPH	200 TPH	250 TPH	300 TPH



Pug Mill Mixing Unit

It comprises

- A heavy-duty low-speed pug mill type mixer with steel casting paddles
- Replaceable and adjustable Ni-Hard tips
- Replaceable Ni-Hard liner plates

Coninfra's twin shaft pug mill configuration delivers quick, uninterrupted, and homogenous mixing of additives and aggregates. The extra heavy-duty anti-friction bearings are mounted with shafts providing hassle-free operation and increased lifespan.

In addition, the pug mill unit of the wet mix macadam plant consists of 100mm Ni-Hard replaceable tiles lined on the inside. The liners on the inner shell and side plate are responsible for resistance against wear and tear and increased life of the pug mill. This component is developed to ensure it can withstand an overload of 20% in continuous operation without compromising the quality of the mix.



Cold Aggregate Four Bin Feeder & Vibrating Screen

Coninfra manufactures high-quality bins that are all-welded and modular in construction. This allows our customers to easily add more bins to satisfy the extending requirements of any project. Aggregates flow freely from the feeders using steep bin walls and valley angels. It makes sure that the materials are not stuck in the corners due to sticky aggregates.



The bins comprise adaptable calibrated gate openings and variable speed feeders that work together to deliver increased flexibility, 100% proportional control, and accuracy in operations.





Conveyors - Load out & Slinger

Coninfra Machinery supplies slinger conveyor, load-out conveyor with gob hopper, and power pack.

Electrical Control Panel With Fully Furnished Cabin

Wet mix macadam plants have a control system with function and numeric keys. Hence, operating the unit does not require special skills or training. Our wet mix plant combines an entirely automated control cabin with an electrical power control console. You get to leverage a completely automatic process in all our plants. An easy-to-navigate software is highly reliable and high performing. Other features include

- Fail proof interlocks and auto process controls
- Online fault detection
- Display of all process control parameters
- Provisions to print, store & edit production details, mix proportions etc.
- Online printing facility
- Automatic, semi-automatic & manual operation



Storage Silo (Optional)

As an option, we offer a 25 MT storage silo that is strong and easy to use and transfer. There is minimal mix segregation due to the batcher arrangement at the feeding point. Hydraulically handled clamshell gates support the fast discharge of mixed material into the trucks without any issue of segregation.



Cement Addition for CTSB

Cement Treated Sub Base (CTSB) is becoming increasingly popular, with more plants now featuring advanced cement addition systems.

Coninfra provides reliable and efficient wet mix macadam plants, designed with an integrated cement addition facility in the pug mill mixing unit.

Cement is precisely added as needed using a variable frequency drive screw conveyor, with seamless control managed directly from the control panel for accuracy and convenience.

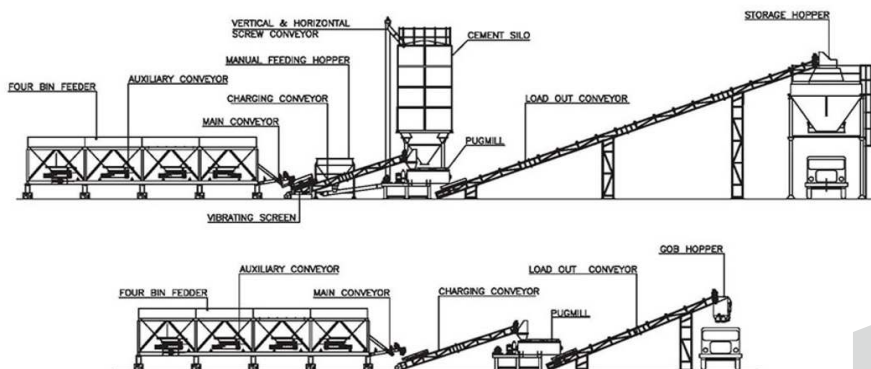


TECHNICAL INFORMATION

WET MIX MACADAM/CTSB PLANT

	CMPL-100 (100 TPH)	CMPL-150 (150 TPH)	CMPL-200 (200 TPH)	CMPL-250 (250 TPH)
Four Bin Feeder				
Storage Capacity	20 M3 (31 MT)	20 M3 (31 MT)	25 M3 (40 MT)	25 M3 (40 MT)
Auxiliar Conveyor	400 mm x 2.2 mtr x 4 ply	400 mm x 2.2 mtr x 4 ply	400 x 2.92 mtr x 4 ply	400 x 2.92 mtr x 4 ply
Connected Load	0.75 KW x 4 Nos	0.75 KW x 4 Nos	1.5 KW x 4 Nos	1.5 KW x 4 Nos
Gathering Conveyor	500 mm x 22.5 mtr	500 mm x 22.5 mtr	600mm x 25.6 mtr	600mm x 25.6 mtr
Bin Vibrator	0.75 KW	0.75 KW	0.75 KW	0.75 KW
Gathering Connected Load	3.70 KW	3.70 KW	5.50 KW	5.50 KW
Shipping Dimension	12.5 x 2.25x 2.45m	12.5 x 2.25x 2.45m	13.5 x 2.25x 2.45m	13.5 x 2.25x 2.45m
Vibrating Screen				
Dimension	1350 mm X 1350mm	1350 mm X 1350 mm	1350 mm X 1350 mm	1350 mm X 1350 mm
Screening Area	900 mm X 1200 mm	900 mm X 1200 mm	900 mm X 1200 mm	900 mm X 1200 mm
Connected Load	0.75 KW	0.75 KW	0.75 KW	0.75 KW
Slinger Conveyor				
Conveyor Belt	600mm x 15 mtr	600mm x 15 mtr	600mm x 15 mtr	600mm x 15 mtr
Conveyor Drive Motor	3.70 KW	3.70 KW	3.70 KW	3.70 KW
Pug Mill				
Capacity	100 TPH	150 TPH	200 TPH	250 TPH
No.of Arms	28	32	64	78
Connected Load	18.50 KW	22.00 KW	30.00 KW	37.50 KW
Shipping Dimension	1400x2550x3200mm	3950x1580x3000mm	1400x2550x3200mm	1400x2550x3200mm
Hydraulic Power Pack				
Connected Load	2.2 KW	2.20 KW	2.20 KW	3.70 KW
Load out Conveyor				
Load out Conveyor	600mm x 17.9	600mm x 17.9	600mm x 17.9	800mm x 20.3
Conveyor Drive Motor	5.50 KW	5.50 KW	5.50 KW	7.5 KW
Water Tank (Optional)				
Capacity	12000 Ltrs	15000 Ltrs	15000 Ltrs	20000 Ltrs
Water Pump				
Connected Load	1.5 KW	1.5 KW	1.5 KW	2.2 KW
25 Mt Storage Silo (Optional)				
Shipping Dimension	4140 x 2980 x 3000mm			
40 Mt Filler Silo (Optional)				
Connected Load	4.45 KW			
Shipping Dimension	2420 x 10600mm			
Cabin				
Fully Furnished	8 X 6 Feet			

STANDARD LAYOUT



CONSTRUCT | COMMIT | CONQUER
CONINFRA
 MACHINERY PVT. LTD.

Reg. Office: 504, Sahitya Business Park,
 Nr. Keshav Hero Showroom, S P Ring Road, Nikol, Ahmedabad - 382350, INDIA

Works Unit 1: Shed no. A-45, Swagat Industrial Park, Vill. Bakrol Bujrang, Tal. Daskoi,
 Ahmedabad - 382433, INDIA

Works Unit 2: Plot No. E-377 & 378, SANAND - II, Industrial Estate, BOL GIDC,
 Sanand, Ahmedabad - 382110, Gujarat. India

Phone: +91 90999 41311 / 90999 41336 / 90999 41641

E-mail: sales@coninfra.in www.coninfra.in



VOCAL
FOR LOCAL

