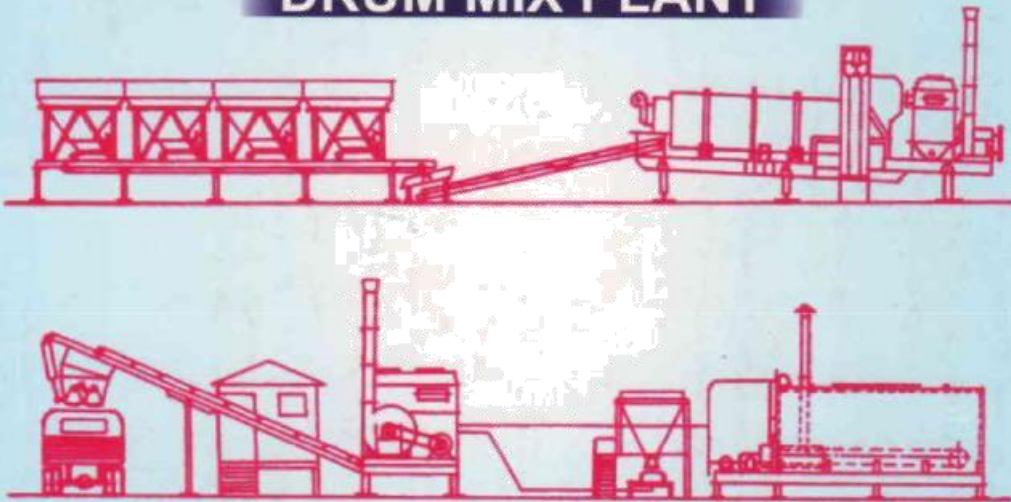




ASHISH
CONSTRUCTION EQUIPMENTS

MODEL : DM-45 AND DM-50 (AUTO) PLANT

DRUM MIX PLANT



- FOUR BIN FEEDER • BITUMEN TANK • VIBRATING SCREEN • MINERAL FILLER
- SLINGER CONVEYOR • FUEL TANK • THERMO DRUM UNIT • CONTROL CABIN
- LOAD OUT CONVEYOR

DRUM MIX PLANT
WITH PROOVEN DESIGN FOR:

MORE QUALITY • HIGH PERFORMANCE • LESS MAINTENANCE

AS PER LATEST M.O.S.T. SPECIFICATIONS



ASHISH
CONSTRUCTION EQUIPMENTS

Plot No. C-1/135, G.I.D.C., Phase-II, Dediyan, MEHSANA-384 002.(N.Gujarat)
Phone No.: (O 247750 Mob : 98240 11646, 99783 89143

MODEL : DM-45 AND DM-50 (AUTO) PLANT

MODEL OUTPUT CAPACITY

DM-45 45-60 TPH

DM-50 80-100 THP

POWER REQUIRED

Sr.No.	Description	Qty.	Total H.P. Model DM-45	Total H. P. Model DM-50
01	Auxiliary Conveyor	04	08.00 D.C./A.C.	08.00 D.C./A.C.
02	Gathering Conveyor	01	05.00	07.50
03	Vibrating Screen	01	01.00	01.00
04	Singer Conveyor	01	05.00	05.00
05	Drum Drive Unit	01	20.00	25.00
06	Exhauster	01	20.00	25.00
07	Screw Conveyor	01	02.00	02.00
08	Dryer Burner Blower	01	05.00	05.00
09	Pump	01	02.00	02.00
10	Heater	01	16.00 (12KW)	21.00 (16 KW)
11	Load Out Conveyor	01	05.00	07.50
12	Hyd Power Pack	01	03.00	03.00
13	Mineral Filler Bin	01	02.00 D.C./A.C.	02.00 D.C./A.C.
14	Twin Lube Compressor	01	07.50	07.50
15	Bitumen Pump	01	05.00 D.C./A.C.	05.00 D.C./A.C.
16	Hot Oil Pump	01	01.00	01.00
Note : Burner Single Phase Consumption		Total hp	107.05	127.05

Sr.No.	Description	Reduction Gear	Quantity
01	Auxiliary Conveyor	C. Type 20:1	04
02	Gathering Conveyor	D. Type 20:1	01
03	Singer Conveyor	D. Type 5:1	01
04	Drum Drive Unit	Worm Type 20:1	01
05	Screw Conveyor	Worm Type 40:1	01
06	Load Out Conveyor	D. Type 20:1	01
07	Bitumen Pump	Worm Type 10:1	01

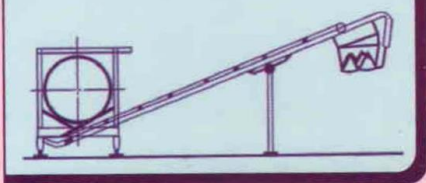
Bitumen Pump	2"x 2"	01
Hot Oil Pump	3/4"x3/4"	01
Rotary Valve	6"x6"D-55250/CM21400RPM	01

Important:

Approximate Area required for installation of the plant is 36m x 36m For Standard Configuration
Three and Two Truck is required for transportation

MODEL : DM-45 AND DM-50 (AUTO) PLANT

LOADOUT CONVEYOR



Specification Data :

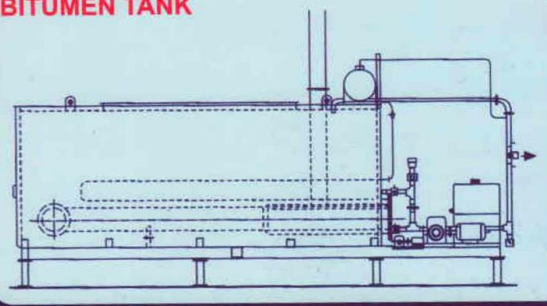
Model	DM-45	DM-50
Ground Hight	2.75 mtr	2.75 mtr
Belt Size	0.5 x 16 mtr	0.6 x 18.00 mtr
Belt Type	Heat Resistant	Heat Resistant
Gob Hopper Capacity	1000 Kg	1000 Kg
Gate	Hydraulically Operated Cam Shell Type	Hydraulically Operated Cam Shell Type

Truck loading will be by an inclined load out conveyor with heat resistant belting equipped with a Gob Hopper with hydraulically operated cam shell gate to provide surge capacity when changing trucks and controls segregation in the mix.

Single compartment fitted with internal heat transfer coils. Fully insulated with 50mm thick mattressglass wool.

Bitumen tank fitted with Bitumen pump and auto burner and Hot oil tank with fuel pump.

BITUMEN TANK



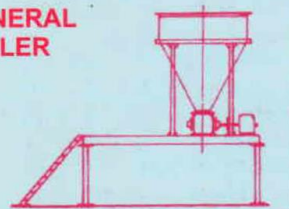
Specification Data :

Model	Type	Dimension (L x W x H)	Burner	Heating Area of Pipe
DM-45	15 MT 'U' Shape	7.10 x 2.05 x 2.30 mtr	Single Phase	17.50 mtr
DM-50	20 MT 'U' Shape	8.10 x 2.205 x 2.30 mtr	Single Phase	20.70 mtr

Specification Data :

Bin Storage Cap.	1.00 Ton.
Compressor	250 M ³ / hr
Compressor Type	Twin Lobe
Filter Discharge	Air Lock Rotary Valve

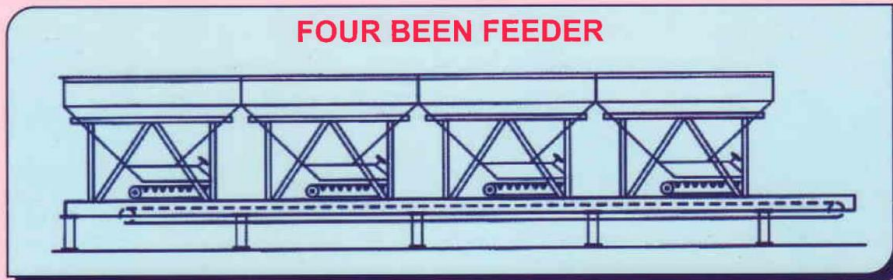
MINERAL FILLER



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MODEL : DM-45 AND DM-50 (AUTO) PLANT

FOUR BEEN FEEDER



Stationary cold aggregate four bin feeder unit includes auxiliary conveyor with adjustable quadrant gates and gathering conveyor

Specification Data :

Model	Type	Dimension (L x W x H)	Total Storage	Belt Size Auxiliary	Belt Size Gathering
DM-45	AE-10	14.20 x 2.50 x 3.00 mtr	32 Tons	0.5 x 3.00 mtr	0.60x24.5 mtr
DM-50	AE-20	14.20 x 2.50 x 3.00 mtr	44 Tons	0.5 x 3.00 mtr	0.60x24.5 mtr

Provided between the gathering & the stinger conveyor for the removal for over size material with vibratory motor.

Specification Data :

Dimension (L x W x H)	1.45x1.30x1.13 mtr
Screening Area	0.75x1.25 mm

VIBRATING SCREEN



1.52 mtr DIA x 6.700 mtr long

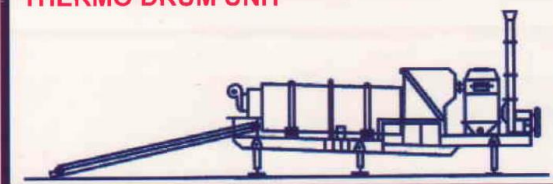
Drum complete flight. Bitumen and lime piping. Discharge end of drum has a special configuration to remove dust particulate from the exhaust gas

Dryer unit burner capable of heating the aggregate to required temperature without any unburnt fuel or carbon residue on the aggregate and to reduce the moisture content of the aggregate of the specified minimum.

The plant will be fitted with suitable type of thermometric instrument at a appropriate place so as to indicate the temperature of exhaust gases, bitumen and mix.

Slinger conveyor with Load-cell unit for continuously monitoring the weight of the

THERMO DRUM UNIT



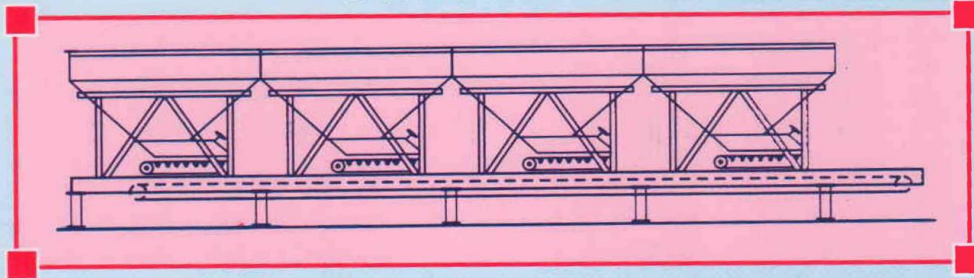
Model	DM-45	DM-50
Dimension(LxWxH)	11.40 x 2.30 x 2.90 mtr	13.20 x 2.60 x 3.90 mtr
Burner Size	200 - 250 Lph	300 - 350 Lph
Burner Type	Hi-Lo Type High Pressure Jet	Hi-Lo Type High Pressure Jet
Fuel Type	HSD, LDO	HSD, LDO
Exhauster	10500 CFM	14500 CFM
Dust Colector	15 Cones	20 Cones
Slinger Belt Size	0.6 x 15.00 mtr	0.6 x 15.00 mtr

ASHISH CONSTRUCTION EQUIPMENTS

WET MIX PLANT

MODEL : WM 100, WM 150, WM 200, WM 300 TPH (CAPACITY)

FOUR BIN FEEDER



Stationary cold aggregate four bin feeder unit includes auxiliary conveyor with adjustable quadrant gates and gathering conveyor

Specification Data :

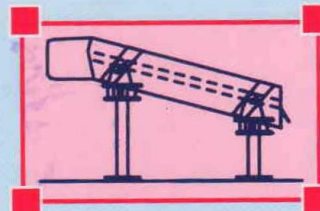
Model	Type	Dimension (L x W x H)	Total Storage	Belt Size Auxiliary	Belt Size Gathering
WM 100	AE 10	13.20 x 2.00 x 3.00 M	32 Tons	500 x 3.00	600 x 22.50
WM 150	AE 20	14.20 x 2.25 x 3.00 M	44 Tons	500 x 3.00	600 x 22.50
WM 200	AE 30	15.20 x 2.50 x 3.00 M	44 Tons	500 x 3.00	600 x 22.50
WM 300	AE 40	16.00 x 3.00 x 3.50 M	44 Tons	600 x 3.50	600 x 22.50

VIBRATING SCREEN

Provided between the gathering & the Slinger conveyor for the removal for over size material with vibratory motor

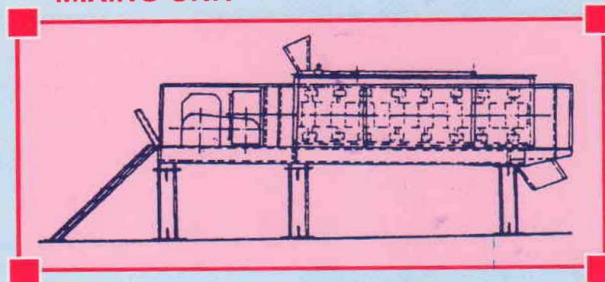
Specification Data :

Dimension (L x W x H)	1.45x1.30x1.13 M
Screening Area	750x1250 mm



MIXING UNIT

Model	Dimension (L x W x H)	Padelarms Qty.
WM 100	3.8 x 2.5 x 1.9M	36 Nos
WM 150	4.3 x 2.5 x 1.9M	44 Nos
WM 200	5.0 x 2.5 x 1.9M	52 Nos
WM 300	6.0 x 3.5 x 1.9M	62 Nos



ASHISH CONSTRUCTION EQUIPMENTS

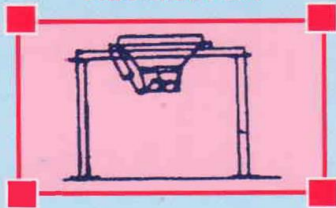
WET MIX PLANT

MODEL : WM 100, WM 150, WM 200, WM 300 TPH (CAPACITY)

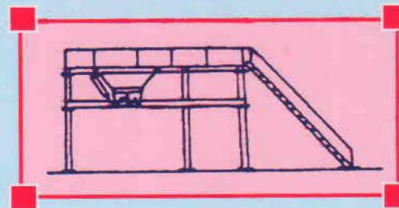
Model	Slinger Conveyor Belt Size	Gathering Conveyor Belt Size
WM 100	600 X 18m	600 X 24.5m
WM 150	600 X 18m	600 X 24.5m
WM 200	600 X 18m	600 X 28m
WM 300	800 X 18m	800 X 30m

Model	Load out Conveyor Belt Size
WM 100	600 X 32 MTR
WM 150	600 X 32 MTR
WM 200	600 X 36 MTR
WM 300	800 X 40 MTR

WITH LOADOUT CONVEYOR
SILO HOPPER



DIRECT SILO HOPPER



Specification Data :

Model	Diemension	Hopper Capacity
WM 100	4 x 2.27 x 3.50 m	2.00 Tons
WM 150	4 x 2.27 x 3.50 m	3.00 Tons
WM 200	4 x 2.53 x 6.53 m	10.00 Tons
WM 300	4 x 2.53 x 6.53 m	15.00 Tons

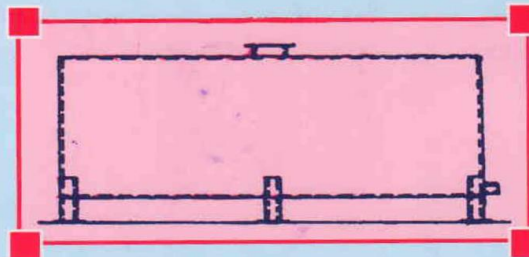
Specification Data :

Model	Diemension	Hopper Capacity
WM 100	5.10 x 2.53 x 6.40 m	2.00 Tons
WM 150	5.55 x 2.53 x 6.40 m	3.00 Tons
WM 200	6.10 x 2.53 x 6.40 m	10.00 Tons
WM 300	7.00 x 3.00 x 7.50 m	15.00 Tons

Specification Data :

Model	Diemension	Tank Capacity
WM 100	Dia 1.85 x 3.75 m	10,000 Ltrs.
WM 150	Dia 1.85 x 4.5 m	12,000 Ltrs.
WM 200	Dia 2.00 x 4.8 m	15,000 Ltrs.
WM 300	Dia 2.00 x 6.4 m	20,000 Ltrs.

WATER TANK



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ASHISH CONSTRUCTION EQUIPMENTS

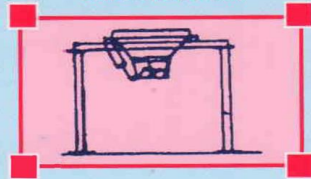
WET MIX PLANT

MODEL : WM 100, WM 150, WM 200, WM 300 TPH (CAPACITY)

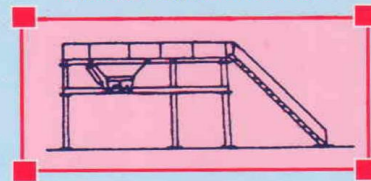
Model	Slinger Conveyor Belt Size	Gathering Conveyor Belt Size
WM 100	600 X 18m	600 X 24.5m
WM 150	600 X 18m	600 X 24.5m
WM 200	600 X 18m	600 X 28m
WM 300	800 X 18m	800 X 30m

Model	Load out Conveyor Belt Size
WM 100	600 X 32 MTR
WM 150	600 X 32 MTR
WM 200	600 X 36 MTR
WM 300	800 X 40 MTR

WITH LOADOUT CONVEYOR SILO HOPPER



DIRECT SILO HOPPER



Specification Data :

Model	Diemension	Hopper Capacity
WM 100	4 x 2.27 x 3.50 m	2.00 Tons
WM 150	4 x 2.27 x 3.50 m	3.00 Tons
WM 200	4 x 2.53 x 6.53 m	10.00 Tons
WM 300	4 x 2.53 x 6.53 m	15.00 Tons

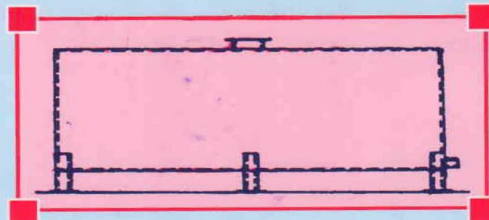
Specification Data :

Model	Diemension	Hopper Capacity
WM 100	5.10 x 2.53 x 6.40 m	2.00 Tons
WM 150	5.55 x 2.53 x 6.40 m	3.00 Tons
WM 200	6.10 x 2.53 x 6.40 m	10.00 Tons
WM 300	7.00 x 3.00 x 7.50 m	15.00 Tons

Specification Data :

Model	Diemension	Tank Capacity
WM 100	Dia 1.85 x 3.75 m	10,000 Ltrs.
WM 150	Dia 1.85 x 4.5 m	12,000 Ltrs.
WM 200	Dia 2.00 x 4.8 m	15,000 Ltrs.
WM 300	Dia 2.00 x 6.4 m	20,000 Ltrs.

WATER TANK



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Thank
you!!