

Dynemix India Engg. Pvt.Ltd.

+91 990 413 6300 / +91 990 413 6900

sales@dynemix.com

www.dynemix.com

OFFICE ADDRESS

B - 1006 to 1009, The Gateway, Near Parikh Hospital,
Opp. Torrent Power Sub Station, Nikol,
Ahmedabad - 382350, Gujarat

FACTORY ADDRESS

2A/2B, Satva Industrial Park, Ahmedabad - Indore Highway,
No. 59, Village: Kuha (Kothiya), Ta. Daskoi,
Ahmedabad- 382433, Gujarat, India.



**CONSTRUCTION
EQUIPMENTS**



sales@dynemix.com | www.dynemix.com

+91 990 413 6300 | +91 990 413 6900



AUTOMATIC BAG SLITTING MACHINE

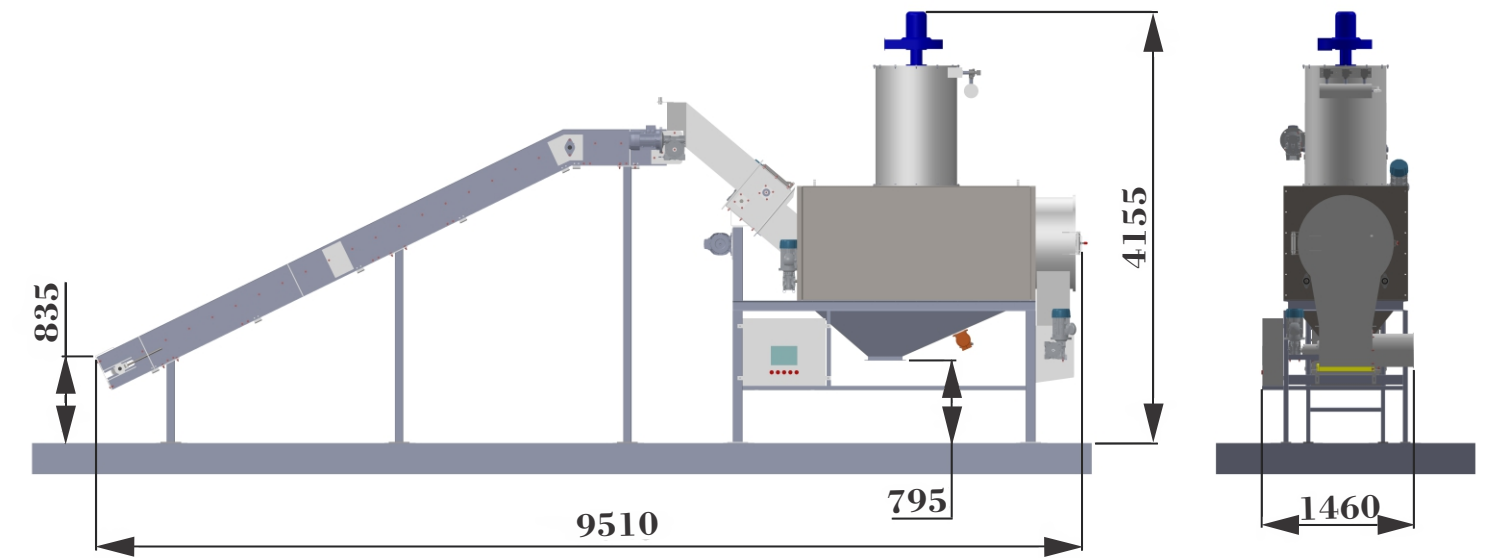
Automatic Bag Slitting Machine is used for slitting and emptying of single or multiple layer bags made from paper, polyethylene lined paper, interwoven plastic, or poly-ethylene-lined interwoven plastic. The Automatic Bag Slitting Machine is made up of a splitting unit which consists of a trough that encloses an extra heavy-duty splitting Cutter Unit, complete with an appropriate gear motor and a screening unit that consists of a horizontal, cylindrically shaped rotating screen, Bag Transfer Conveyor complete with drive unit. On top of the screening unit a suitable fan-operated dust collector can be integrated for powder material. Alternatively, the Bag Slitting Machine is supplied with connecting spigots for a central de-dusting unit.

KEY/SALIENT FEATURES :

- Material: Carbon Steel, Mild Steel, Stainless Steel Grade 304L / 316L
- Compact, Robust Design
- Available with Dust Collector or Equipped for Centralised De-Dusting System
- Machine Consists of a Small Number of Components (Only Few Spare Parts Required)
- Easy Access to All Machine Parts for Maintenance Purpose
- Low Operating Noise Level
- Easy & Quick Replacement Of Filter Elements
- Able To Handle Bags of Different Sizes Without Machine Adjustment
- Low Product Residue
- The System Can Be Supplied in Modular Form.
- Capacity UP To 30 TPH
- Reduce Labour Cost
- Totally Dust Free Operation.
- Easy Handling of Empty Bags.
- Space Required – 9.5m x 1.5m x 4.2m
- Power Requirement – 16.10 HP Approx. (Sequence Operation).
(with Conveyor/Machine Proper/DE System)

THE OVERALL SYSTEM COMPRISES OF:

- Bag Feeding Conveyor
- Bag Cutting Unit with Roller-Guide
- Bag Emptying Machine
- Built-in Dust Extraction System (for powder material)
- Unloaded Material Storage Hopper
- Pneumatic Conveying system (if required)



MOBILE CONCRETE PLACER

This self-propelled mobile concrete placer is the most economical & convenient solution to discharge the concrete upto desired height from the ground. It has movable boom to place concrete at the convenient position. The movement of boom is done by heavy hydraulic telescopic frames equipped with hydraulic cylinder. The main power source of the machine is a Diesel / Electrical engine. Rubber belt is driven by high speed – high torque hydraulic motor with chain drive. Conveyor structure made of square tubes, angles & plates. Standard make bearings & well proven international standard hydraulics are being used.

This Machine is Versatile-fully Self Propelled (Hydraulically operated) and can be used for **MASS CONCRETING / MATERIAL STACKING** Purpose.

APPLICATION :

- Bridge Concreting, Culverts
- Trench
- Heighted Mould Concreting
- Material Stacking
- Dam Projects
- Canal Concreting
- Sand, Aggregates, Coal Stacking
- Wind Mill Projects
- Pre-Casting Yards
- Retention Wall

Note : All Dimensions in Feet

MODAL NO.	E1	E2	B	C	D	L	H1	H2	F1	F2	W
DIMCP 42/650	6	4	3	43	42	45	7	21	21	16	8
DIMCP 48/650	6	4	3	48	48	50	8	24	25	19	8
DIMCP 56/650	6	4	3	56	56	58	8	28	29	22	8
DIMCP 66/650	6	4	3	67	66	67	10	33	34	26	8

MODAL NO.	TL	TW	TH1	TH2
DIMCP 42/650	28	8	11	8
DIMCP 48/650	31	8	11	8
DIMCP 56/650	38	8	12	8
DIMCP 66/650	48	8	13	8

TECHNICAL SPECIFICATIONS:

MODAL NO.	DIMCP 42/650	DIMCP 48/650	DIMCP 56/650	DIMCP 66/650
Out Put Capacity	50 m3	50 m3	50 m3	50 m3
Oil Tank Capacity	80 Litre	80 Litre	80 Litre	80 Litre
Diesel Tank Capacity	30 Litre	30 Litre	30 Litre	30 Litre
Inlet Hopper	0.3 m3	0.3 m3	0.3 m3	0.3 m3

Design Parameter				
Travel Speed	5 km/hr	5 km/hr	5 km/hr	5 km/hr
Wheel Base Pneumatic Tyres (7.50" X 16")	4 Nos.	4 Nos.	4 Nos.	4 Nos.
Belt Width	650 mm	650 mm	650 mm	650 mm
Total Weight	4000 kg	4100 kg	4500 kg	5500 kg

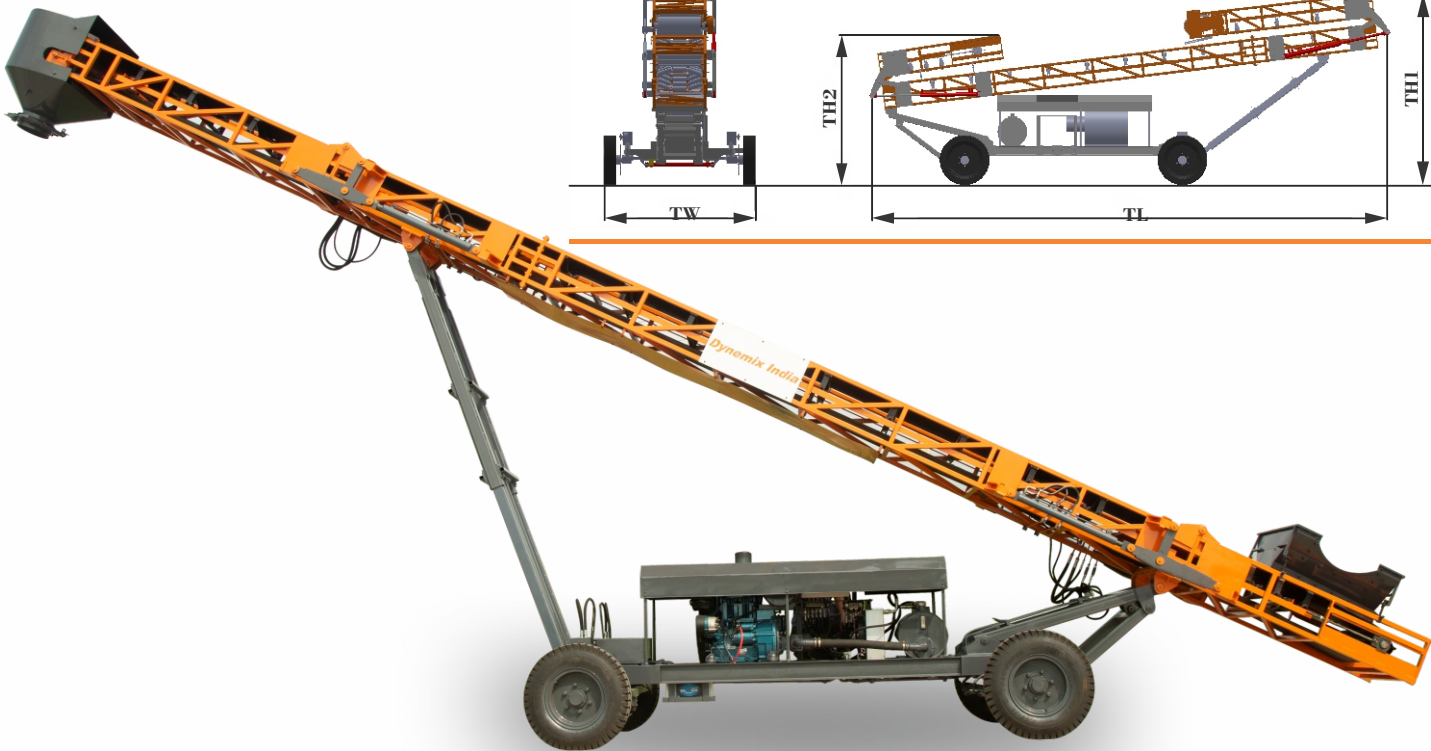
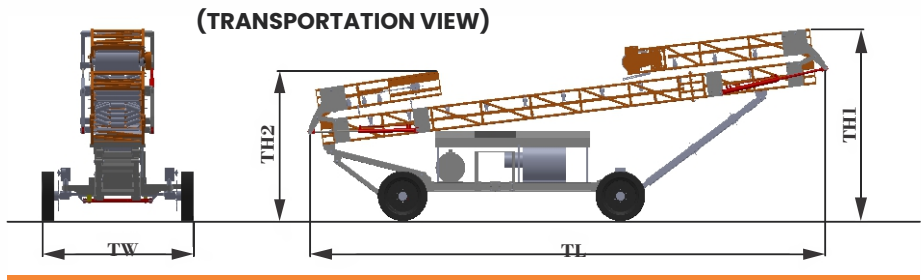
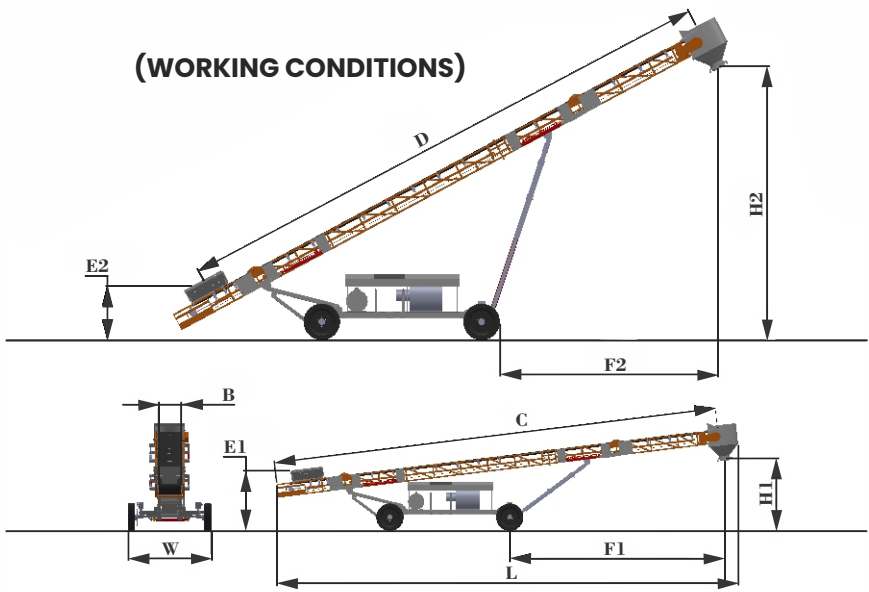
Prime Mover				
Engine: Air Cooled Diesel Engine	25 hp	25 hp	25 hp	31 hp

KEY FEATURES:

- Belt Drive
- Travel: Forward & Reverse
- Boom: Up-Down
- Steering Left
- Steering Right
- Conveyor Frame Fold Rear
- Conveyor Frame Fold Front
- Transverse
- Control Valve: Manual Lever
- Battery (12 V DC)
- Steering Facility: Front & Rear
- Discharge Hopper
- Elephant Chutes
- Operator Seat
- Rotating 'C' Chute
- Belt Cleaner Spring Loaded Cleaning Blade
- Engine Canopy
- Paint: Epoxy
- Fully Hydraulic
- Built-In Oil Cooler for Increased Lifetime of Vital Components
- Front & Rear Frame Folding System for Easy Transportation
- Better Stability in Utmost Position
- Powerful Engine for Reliable Operations

STANDARD ACCESSORIES :

- 1 Meter Long Elephant Chute (5 No)
- 1 Meter "C" Chute : 01 No
- 1.5 Meter "C" Chute : 01 No
- Tool Kit.



TELESCOPIC & ROTATABLE MOBILE CONCRETE PLACER

- Economical solution for discharging concrete to desired heights.
- Movable boom for precise concrete placement at any position.
- Heavy-duty hydraulic telescopic frames with hydraulic cylinders.
- Versatile power source with diesel or electrical engine.
- High-speed rubber belt driven by hydraulic motor with chain drive.
- Robust conveyor structure made with square tubes, angles, and plates.
- Premium components with standard bearings and international-grade hydraulics.
- This Machine is Versatile-fully Self Propelled (Hydraulically operated) & can be used for **MASS CONCRETING/MATERIAL STACKING** Purpose.

FEATURES :

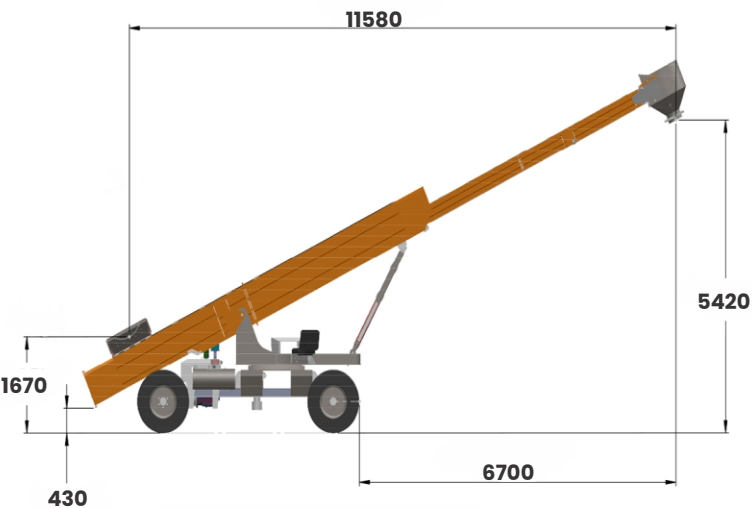
- Telescopic Conveyor with 180 Degree Rotatable

APPLICATION :

- | | | | |
|-------------------------------|---------------------|-----------------------------------|---------------------|
| → Bridge Concreting, Culverts | → Trench | → Heighted Mould Concreting | → Material Stacking |
| → Dam Projects | → Canal Concreting | → Sand, Aggregates, Coal Stacking | |
| → Wind Mill Projects | → Pre-Casting Yards | → Retention Wall | |

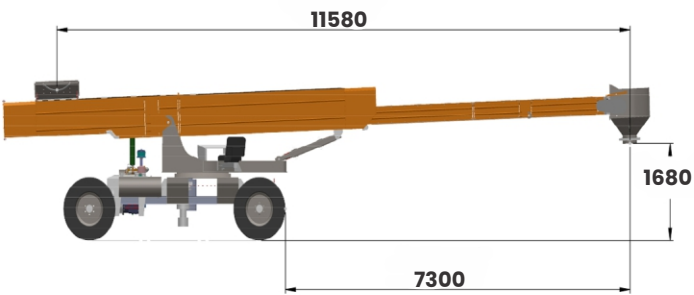


(WORKING CONDITIONS)



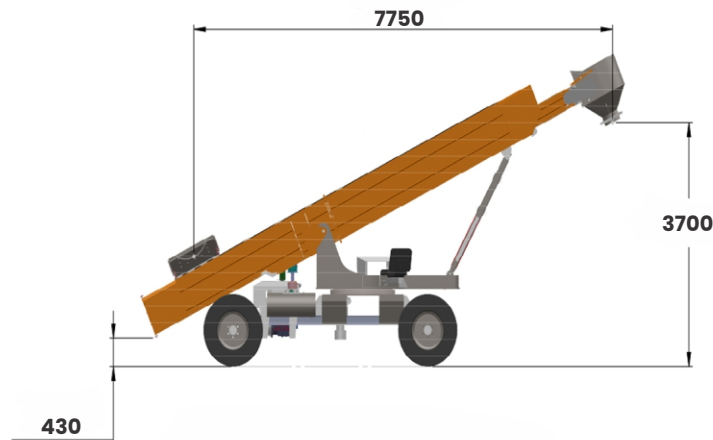
H FRAME OPEN

ALL DIMENSIONS IN MM



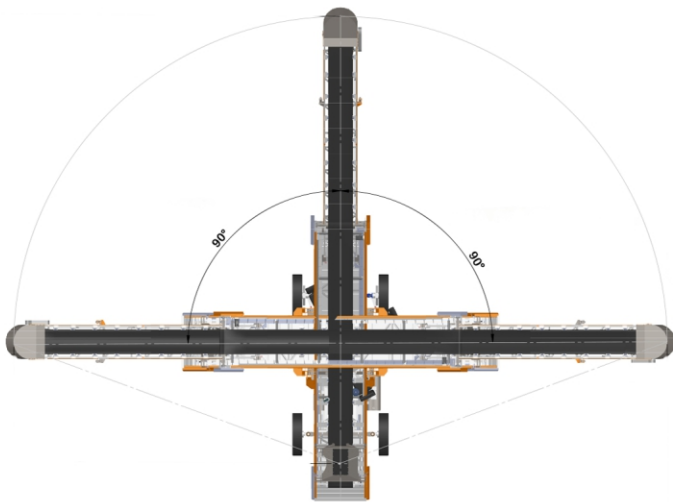
H FRAME CLOSE

BOOM FULLY EXTENDED CONDITION



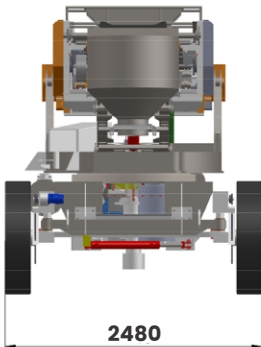
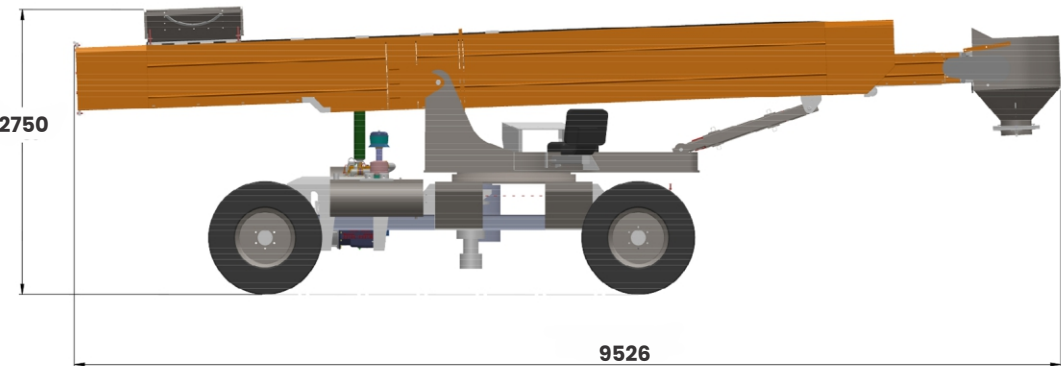
H FRAME OPEN

BOOM FULLY RETRACTED CONDITION



CAPABLE OF ROTATE 180° WITH AMAZING 11 METERS RANGE

(TRANSPORTATION CONDITIONS)



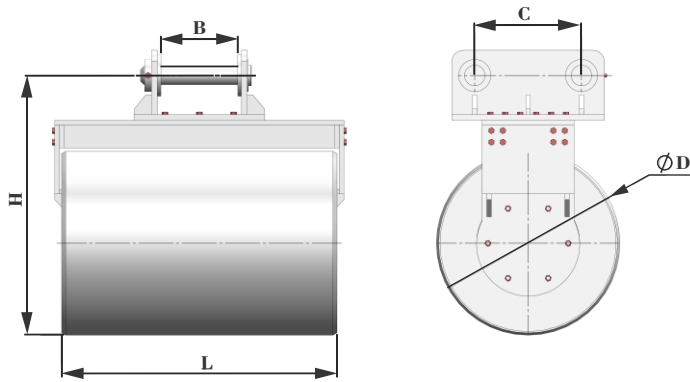
EXCAVATOR ATTACHMENT DRUM COMPACTOR

Excavator Attachment Drum Compactor is a special attachment which can be attached with any excavator or Backhoe Loader. This attachment is specially designed for various applications like Canal / Dam Slope Compaction, Railway track extension and for other where sloppy surface compaction is required. This attachment is capable of reaching surfaces where normal compactors cannot reach and can-do deep compaction than an ordinary compactor. We are dedicatedly involved in manufacturing the optimum quality range of Vibratory Compactor. The offered range is highly acclaimed in the national as well as international industries for its compact design, excellent performance and low amplitude.

APPLICATION :

- Irrigation Canals
- Road Railways
- Trench Compaction
- Embankments
- Water Sewage

TECHNICAL SPECIFICATIONS:



MODAL NO.	DIS-760	DIS-800	DIS-600
Operation Weight	2100 Kgs	1150 Kgs	500 Kgs
Drum Weight	1500 Kgs	700 Kgs	315 Kgs
Drum Width	2000 mm	1200 mm	700 mm
Drum OD	760 mm	800 mm	600 mm
Area Covered for One Revolution	50 Sq. Feet / Rev.	32 Sq. Feet / Rev.	15 Sq. Feet / Rev
Centrifugal Force	120 kN	90 kN	45kN
Impulse Force	6000 Kgs	6000 Kgs	3000 kgs
Nominal Amplitudes	0.5 mm	0.5 mm	0.5 mm
Vibrations	3500 Vib. /Min	2700 Vib. /Min	2000 Vib. / Min

MODAL NO.	L	D	H	C	B
DIS 760	2000	760	1130	465	343
DIS 600	700	600	890	345	335
DIS 800	1200	800	1130	465	343

Note : All Dimmensions are in mm

TECHNICAL SPECIFICATIONS:

- Compacts space where no other compactor can reach
- Multiple roller types for different job requirements
- Achieves Outstanding compaction
- Easy Quick Compaction
- No Labour required after compaction
- Plug & Play
- Effective compaction of slopes and tricky terrains, with high productivity at lower costs
- Useful for compaction of areas inaccessible with conventional compaction methods

Optional Accessories
—— Piping Kit ——



EXCAVATOR ATTACHMENT PLATE COMPACTOR

Excavator Attachment Plate Compactor is a special attachment which can be attached with any excavator or Backhoe Loader. This attachment is specially designed for various applications like Canal / Dam Slope Compaction, Railway track extension & for other where sloppy surface compaction is required. This attachment is capable of reaching surfaces where normal compactors cannot reach and can-do deep compaction than an ordinary compactor.

APPLICATION :

- Irrigation Canals
- Road Railways
- Trench Compaction
- Embankments
- Water Sewage

Optional Accessories —— Piping Kit ——

TECHNICAL SPECIFICATIONS:

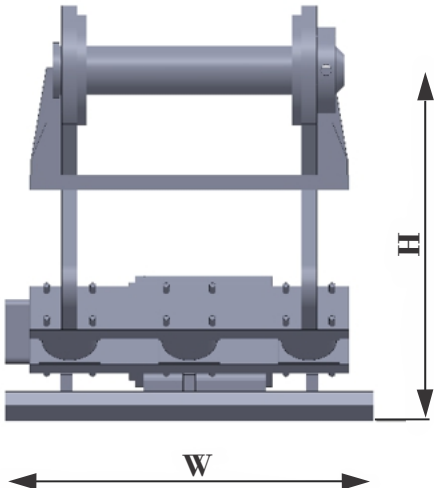
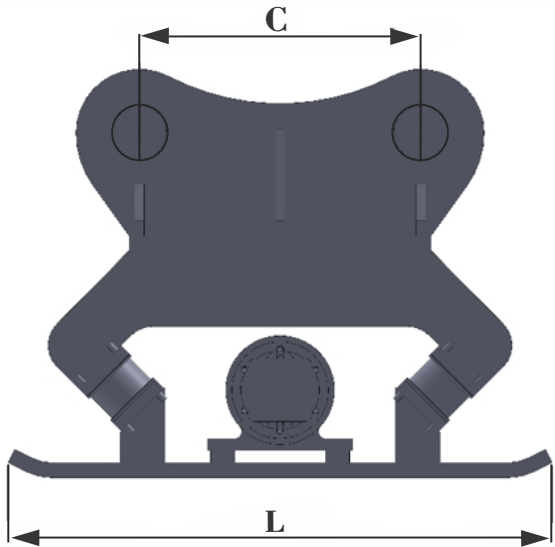
MODAL NO.	DIP 100	DIP 200	DIP 400
Recommended Carrier Weight	5 to 10 Tons	10 to 15 Tons	15 to 30 Tons
Operating Weight	362 kg	650 kg	1000 kg
Flow Range	49-91 LPM	49-114 LPM	91-159 LPM
Dynamic Force	2.9 Ton	5 Ton	9.5 Ton
Frequency	2000 vpm	2000 vpm	2000 vpm
Base Plate Size	600 mm x 800 mm	670 mm x 880 mm	800 mm x 1100 mm
Height	570 mm	620 mm	650 mm

MODAL NO.	L	W	H	C
DIP 100	800	600	570	465
DIP 200	880	670	620	465
DIP 400	1100	800	650	465

Note : All Dimensions are in mm

KEY FEATURES & BENEFITS

- Compacts space where no other compactor can reach
- Easy Quick Compaction
- 3 Different models from 5 to 30 tons are available
- Oil Bath Type compaction weight chamber is filled with gear oil. Periodic greasing & oil changing interval is 365 days.
- Single hose block: All hoses are routed within the frame and connected to a mono hose block. Preventing the hoses from damage.
- Self-aligning bearing, provides a long service life to rotating components.



RIDE-ON VIBRATORY ROLLER

The DIR-6500 is a mini vibrating roller, ideal for compacting soil & asphalt. The machine is fully hydraulic which allows a small overhang enabling the roller to run close to obstructions i.e. walls. It is equipped with a water sprinkling, operating handle and hydraulic levers. The machine would be supplied with an electric starter. The Roller is comprising of two drums among them the front Drum is equipped with the vibration & traction both and the Rear Drum is with traction only.

APPLICATION :

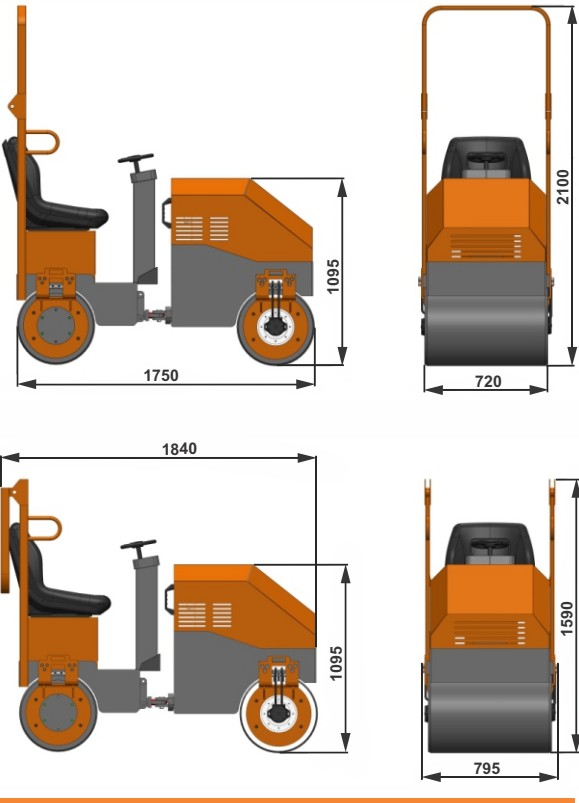
- Construction & Repairing of Roads
- Pavements
- Compaction Canals
- Road Widening Works
- Gardening
- Embankments
- Private Roads
- Hilly Terrains with Sharp Bends
- Culverts
- Edges Of Highways
- Parking Lots
- Internal Roads in Housing on Soil
- Playgrounds
- Granular & Asphalt Etc

KEY FEATURES & BENEFITS

- Compacts space where no other compactor can reach
- Easy Quick Compaction
- Oil Bath Type compaction weight chamber is filled with gear oil. Periodic greasing & oil changing interval is 365 days.
- Single hose block: All hoses are routed within the frame and connected to a mono hose block. Preventing the hoses from damage.
- Self-aligning bearing, provides a long service life to rotating components.

SR. NO.	DESCRIPTION	DETAILS
01	GENERAL	
	Tandem Vibratory Roller	DIR - 6500
02	VIBRATION	
	Vibration Type	Hydraulic
	Compaction Force (kN)	25
	Vibration Frequency (Hz)	70
	Vibration Mode	Front Drum
	Nominal Amplitude (mm)	0.6
03	TRAVELLING	
	Traction Mode	Hydraulic – Both Drum
	Travel Speed (kmph)	0 to 5 (Variable Speed)
	Gradeability	30 %
	Turning Radius (mm)	2400
	Operator Seat	Adjustable
04	WEIGHT	
	Static Weight (kg)	700
	Working Weight (kg)	800

05	ENGINE	
	Make	Greaves / Equivalent
	Stroke	4 – Stroke, Air Cooled, Single Cylinder
	Rated Speed (RPM)	3000
	Engine H.P	10
	Starting Type	Electric & Rope Start
	Battery (Volt)	12
06	DIMENSIONS	
	Wheel Base (mm)	1290 (c/c)
	Drum Width (mm)	700
	Drum Dia. (mm)	450
07	CAPACITY	
	Oil Tank (Litre)	17
	Fuel Tank (Litre)	5.5 Ltr
	Water Tank (Litre)	20
08	ACCESSORIES	
	Water Sprinkler	By Gravity (Both Drum)
	Drum Scraper	2 Scrapers per Drum
09	FEATURES	
	Driver Seat	With Canopy Cover
	Articulated Oscillating Joint	Feature



WALK BEHIND VIBRATORY ROLLER

The DIV-6500 is a Duplex Vibratory Roller, ideal for compacting soil & asphalt. The machine is fully hydraulic which allows a small overhang enabling the roller to run close to obstructions i.e. walls. It is equipped with a water sprinkling, operating handle and hydraulic levers. The machine would be supplied with an electric starter as well as rope starter.

APPLICATION :

- Construction & Repairing of Roads
- Pavements
- Compaction Canals
- Road Widening Works
- Gardening
- Embankments
- Private Roads
- Hilly Terrains with Sharp Bends
- Culverts
- Edges Of Highways
- Parking Lots
- Internal Roads in Housing on Soil
- Playgrounds
- Granular & Asphalt Etc

TECHNICAL SPECIFICATIONS:

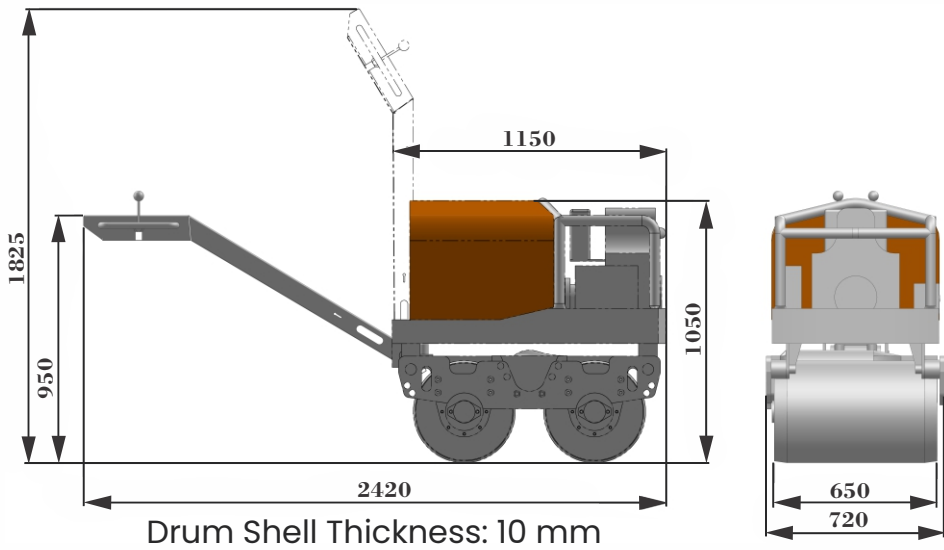
MODAL NO. DIV – 6500	
Weight	
Net Weight	715 kg
Operating Weight	760 kg
POWER SOURCE	
Engine	Diesel /4-stroke /Single Cylinder
Manufacturer	Greaves / Equivalent
Engine Start	Ignition Key with Electric Start
Engine Stop	Pull Type Cable
Output kw (hp)/rpm	7.5(10)/3000
Fuel Tank Capacity	5.5 Litre
Battery	12 V DC, 44 AH
HYDRAULIC SYSTEM	
Traction	Hydraulic Motor & Gearbox
Vibration	Hydraulic Motor
Primary Pump	Variable Displacement Pump
COMPACTION	
Drum Diameter	400 mm
Static Linear Load	5.2 kg/cm
No. of Speed (Forward & Reverse)	2-speed
Operating Speed (Forward & Reverse)	(0 to 5 kmph) – Variable
Gradeability	35 %
Drive System	Fully Hydraulic
Frequency	61 Hz / 3660 RPM
Amplitude (Dual Drum)	0.45 mm
Centrifugal Force	25 kN

OPERATION

Forward & Reverse Motion	Cable Type Lever
Vibration Cable Type Lever	Cable Type Lever
Wall Side Compaction	50 mm Clearance
Operating Handle	Foldable with Locking Arrangement
Water Sprinkler	By Gravity (Both Dram)

BRAKE

Service Brake	Hydrostatic
Parking Brake	Hydrostatic



CONCRETE RECLAIMER

Introducing the DICR – 20, a revolutionary Equipment specially designed for-mixed concrete batching plants and pre-cast concrete batching plants. This innovative machine is the ultimate solution for reclaiming concrete washed out from Transit Mixer Trucks and recovering Concrete from Moulds. Crafted from galvanized carbon steel, the DICR – 20 boasts exceptional durability. Its U-shape trough and large inlet batch hopper are both lined with the highly wear- resistant UHMWPE engineering polymer, ensuring long-lasting performance. Equipped with a wide outlet spout, a ribbon screw coated with the same wear-resistant UHMWPE engineering polymer, a bolted trough cover grid, & a robust gear motor perfectly suited for the application, the DICR-20 is a reliable and efficient choice. Invest in the DICR – 20 and experience the benefits of its cutting-edge design & superior materials. Reclaiming concrete has never been easier or more effective. Choose the DICR – 20 for unparalleled performance and longevity.

FUNCTION :

The DICR – 20 Aggregate Reclaimer facilitates the retrieval of residual concrete and wash water from truck mixers or concrete pumps, enabling concrete manufacturers to meet eco- standards pertaining to environmental impact, prevention of contamination, and recycling of waste water and aggregates in Ready Mix Concrete Batching Plants. The various configurations of the DICR 20 allow for the unloading of up to 1 vehicle simultaneously, with a recycling capacity of up to 20 m3/h. With its outstanding solids-liquid separation and aggregate washing capabilities, as well as its ability to settle and extract fines as small as 2 to 3 mm, the DICR-20 stands out as a highly efficient machine in this industry sector.

ADVANTAGES

- Convenient & Cost Effective – Aggregates / Water recycling.
- Slurry water could be used in production of concrete with help of LAB report
- TM Washing extends the life of spirals and minimizing the replacement costs.
- Labour cost for chipping the settled concrete from TM drum will be eliminated
- Clean disposal of waste concrete and washed residuals
- Complete recovery of water and aggregates

TECHNICAL SPECIFICATIONS:

POWER SOURCE

Washing Unit

Washing Capacity for Normal Concrete	m3 / hr	10	20
Delivery required for clean water (m³)	m3 / hr	8-12	15-20
Motor for – Washing Drum	Hp	7.5	10
Screw Thickness	mm	10	10
Feeding Hopper Capacity	m3	1.5	1.5
Feeding Hopper Dimensions	mtr	(L) 1.7 X (W) 1.5 X (H) 2.3	(L) 1.7 X (W) 2 X (H) 2.3
Washed Aggregates – Discharge Height	mm	1.35	1.35
Bin Vibrator for Hopper	m3	0.25 / 3000	0.25 / 3000
Max. Aggregate Size	mtr	50	50

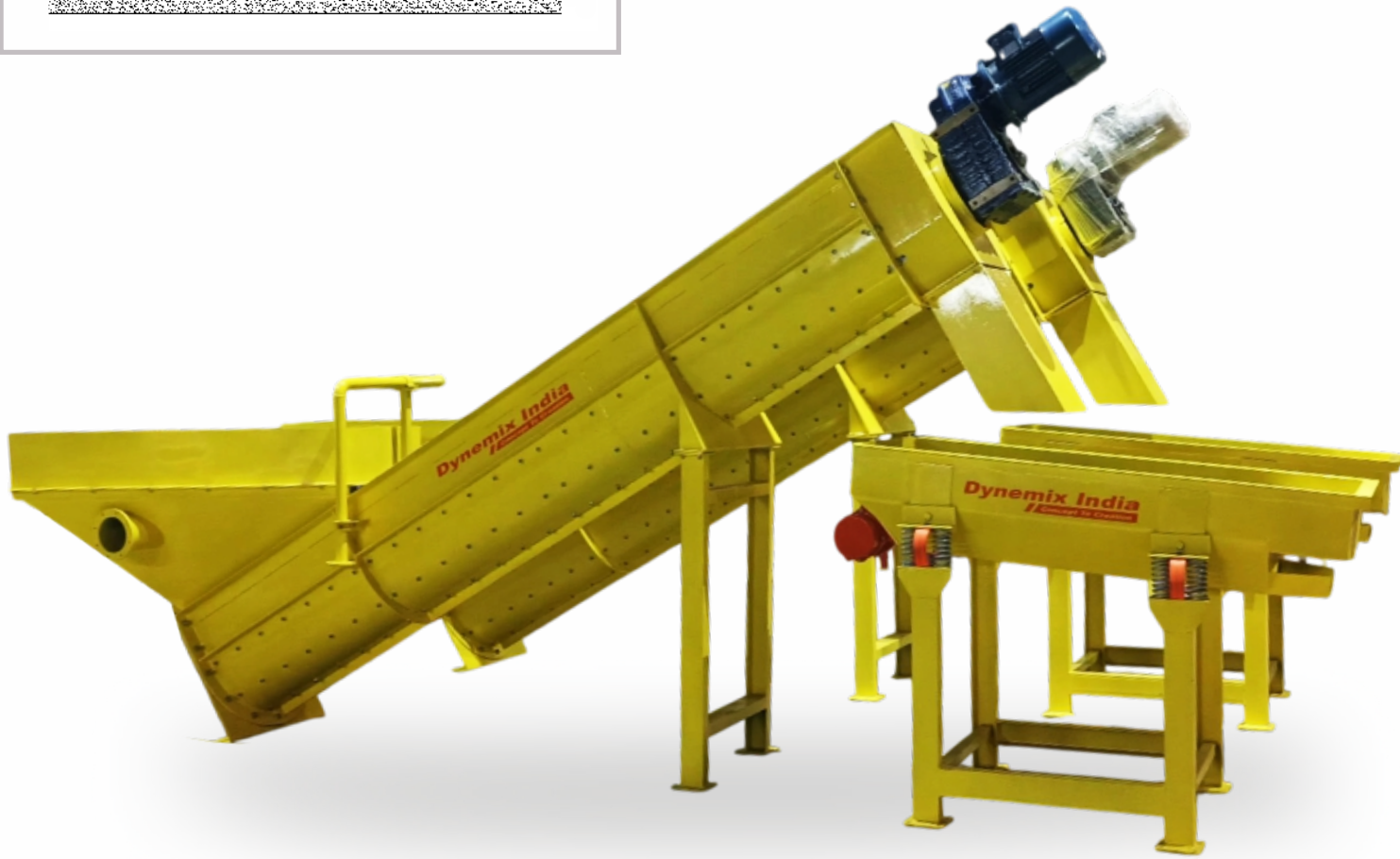
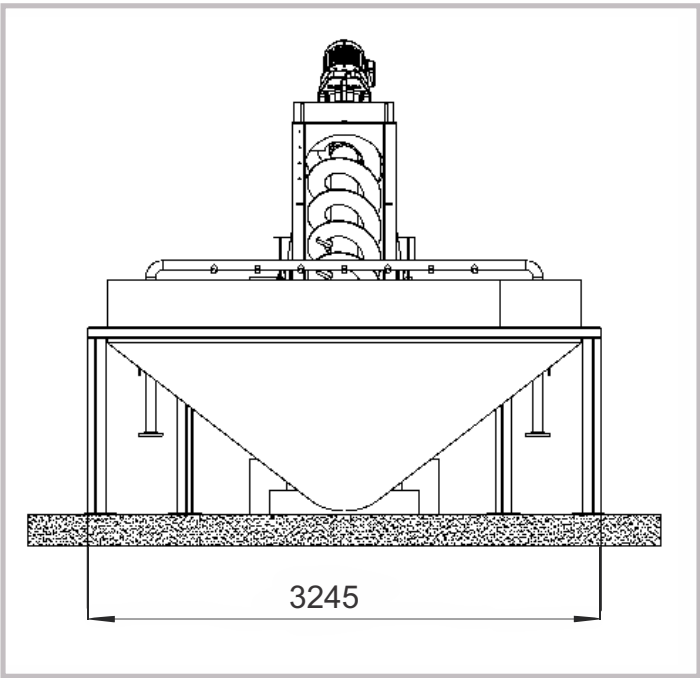
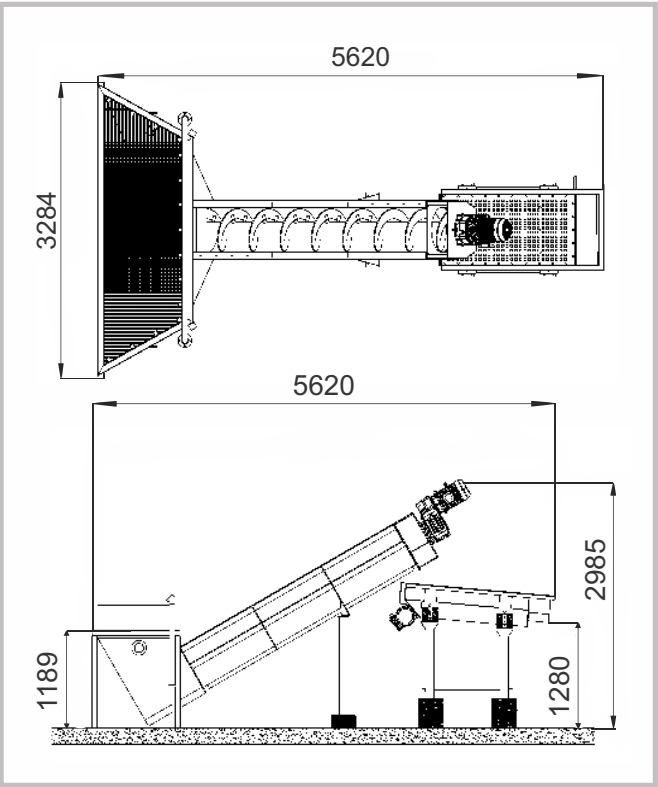
VIBRATING SCREEN UNIT

Dimension	mtr	(L) 1.9 X (W) 1.8 X (H) 1.7	(L) 3 X (W) 2 X (H) 1.7
Screen mesh size	mm	5	5

OPTIONAL SUPPLY

Agitator Basin – for Sedimentation Tank

Drive Power of Agitator Motor	HP	7.5	7.5
Dimension – Agitator Basin	mtr	5 x 5 x 3.5	5 x 5 x 3.5
Cement Slurry Pump	m3	5	5
Delivery Head of Slurry Pump	mtr	15	15
Max. Agitating Capacity	m3		



DUST CONDITIONER

The DUST CONDITIONER offers a highly cost-effective and technologically advanced solution for conditioning industrial dusts. This machine is designed for easy installation and ensures efficient dust management.

The Dust Conditioner is a versatile tool that finds applications across a range of industries and sectors. It serves the purpose of treating dusts for recycling, storage, or disposal. With its ability to combine various powder and liquid additives, the Dust Conditioner enables the creation of dust-free products and the aggregation of powders. Whether it's for industrial processes or other needs, this equipment proves to be an effective solution.

DUST CONDITIONER is designed to meet the demands of continuous operation. With its advanced use of engineering polymers and efficient work cycle, it offers exceptional technical features.

APPLICATION :

- Manufacturing Plants
- Power Plants
- Road Construction Machinery
- Asphalts Batching Plants
- Ceramic Industries

TECHNICAL SPECIFICATION	
MODEL NO	DIDC 40
POWER	22 Kw (30 HP)
MOTOR CONFIGURATION	1400 RPM X IE3 X NFLP X IP 55
SCREW SPEED	300 RPM
CAPACITY	40 M3/HR
TOOL MOC	Alloy Steel With Hard Facing
GROSS WEIGHT	550 KG
OPTIONAL ACCESSORIES	Roto Meter Hopper Solenoid Valve Control Panel

ADVANTAGES :

- Best Price
- Quick Return On Investment
- Easy & Quick Installation
- Minimum Wear/Very Low Maintenance Cost
- No Material Residue
- Steel Tools with High-Strength
- Wear-Resistant Facing

