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## **BAG SLITTING MACHINE**

Automatic Bag Slitting Machine is used for slitting and emptying of single or multiple layer bags made from paper, poly-ethylene, poly-ethylenelined paper, interwoven plastic, or poly-ethylene-lined interwoven plastic. The 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 Tranter 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 :**

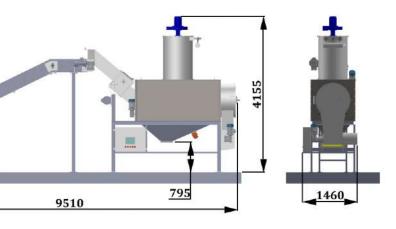
- Material: Carbon Steel, 304L / 316L stainless steel
- Compact, robust design
- Available with dust collector or equipped for centralised de-dusting system
- Machine consists of a small number of components (only few spare parts required)
- Easy access to all machine parts
- Low operating noise level
- Easy and 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. (Provided Bag Compactor)
- Space required 9.5m x 1.5m x 4.2m
- Power requirement 16.10 HP approx. (Sequence operation).

(with conveyor/machine proper/DE system/empty bag compactor).

#### 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)
- Empty Bag Compactor
- Unloaded Material Storage Hopper
- Pneumatic Conveying system

(if required)





## **EXCAVATOR PLATE COMPACTOR**

Excavator 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 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.

Hydraulic Compactor can fit for Various kinds of Excavators & Skid Loaders varying from KOMATSU, CAT, HITACHI, KOTO, DOOSAN, DAEWOO, JCB, OKB, NPK, MKB, LIUGONG, XCMG, LIEBHERR, HYUNDAI, SUMITOMO, KOBELCO, YANMAR, KUBOTA, IHISCE, TAKEUCHI etc.

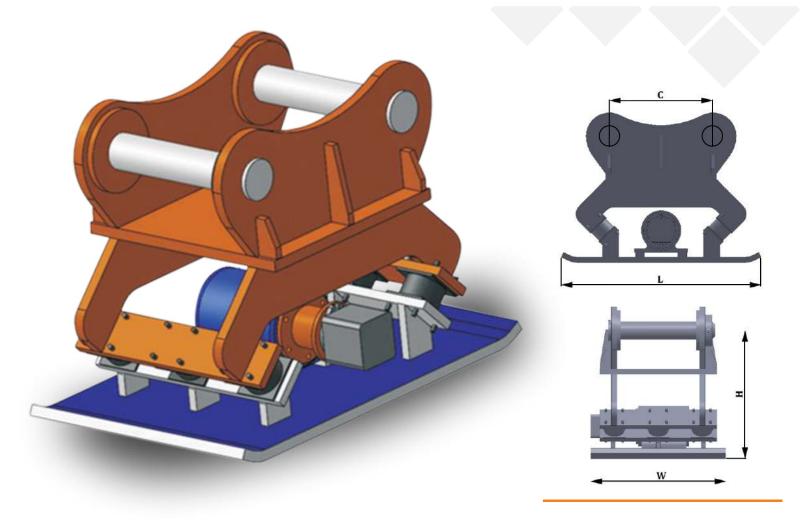
#### **APPLICATION:**

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

#### **TECHNICAL SPECIFICATIONS:**

DESCRIPTION	DIP 100	DIP 200	DIP 400
<b>Recommended Carrier Weight</b>	5 to 15 Tons	7 to 25 Tons	25 to 65 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

**Optional Accessories** - Piping Kit -



	L	w	н	С
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 65 tons are available
- oil changing interval is 365 days.
- block. Preventing the hoses from damage.
- Self-aligning bearing, provides a long service life to rotating components.

→ Oil Bath Type compaction weight chamber is filled with gear oil. Periodic greasing and

→ Single hose block: All hoses are routed within the frame and connected to a mono hose

## **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.

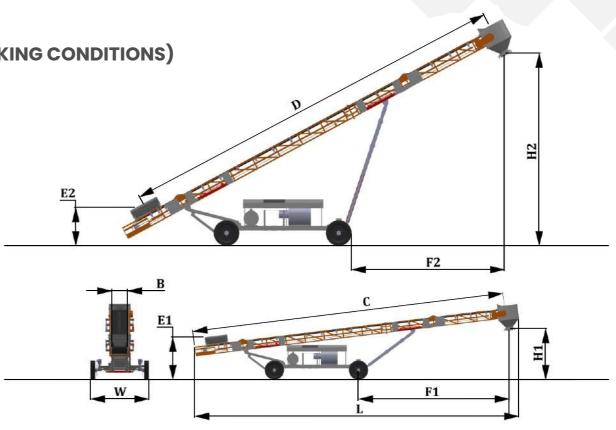
#### **APPLICATION:**

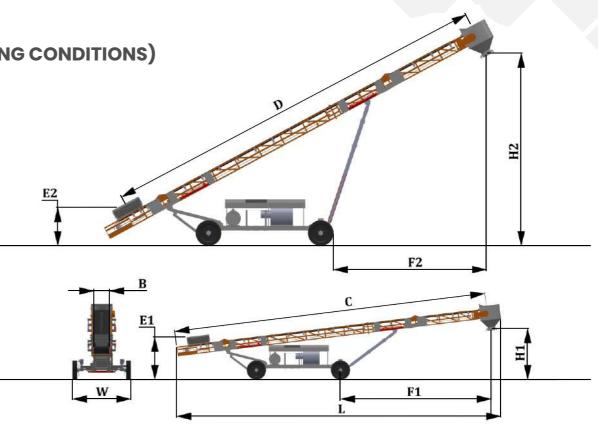
- → Bridge Concreting , Culverts
- Dam Projects
- Wind Mill Projects
- Trench  $\rightarrow$

- Canal Concreting
- → Pre-Casting Yards → Heighted Mould Concreting
- → Retention Wall
- → Material Stacking
- → Sand, Aggregates, Coal Stacking



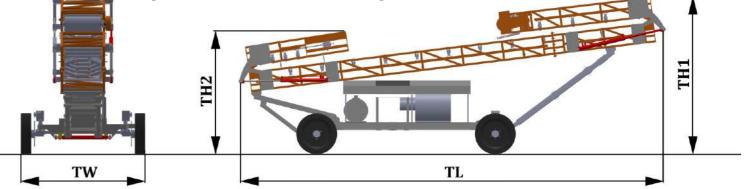
#### (WORKING CONDITIONS)





	El	E2	В	с	D	L	н	H2	F1	F2	w
DIMCP 42/650	1600	1200	650	13000	12475	13460	2100	6170	6285	4690	2440
DIMCP 48/650	1600	1200	650	14600	14075	15045	2330	7025	7370	5550	2440
DIMCP 56/650	1600	1200	650	17000	16475	17455	2400	8240	8775	6620	2440
DIMCP 66/650	1600	1200	650	10000	19475	20420	2850	9800	10240	7680	2440

#### (TRANSPORTATION VIEW)



	TL	тw	TH1	TH2
DIMCP 42/650	8370	2440	3120	2405
DIMCP 48/650	9170	2440	3240	2410
DIMCP 56/650	11570	2440	3370	2380
DIMCP 66/650	14540	2440	3810	2400



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#### **TECHNICAL SPECIFICATIONS:**

DESCRIPTION	DIMCP 42/650	DIMCP 48/650	DIMCP 56/650	DIMCP 56/650
Out Put Capacity	50 m3	50 m3	50 m3	50 m3
Oil Tank Capacity	80 Liter	80 Liter	80 Liter	80 Liter
Diesel Tank Capacity	30 Liter	30 Liter	30 Liter	30 Liter
Inlet Hopper	0.3 m3	0.3 m3	0.3 m3	0.3 m3
Design Parameter				
Conveyor Frame: Square Tube Structure	Вох Туре	Вох Туре	Вох Туре	Вох Туре
Wheel Bogie Fabricated I BeamStructure	$\checkmark$	✓	✓	✓
Travel Speed	5 km/hr	5 km/hr	5 km/hr	5 km/hr
Wheel Bogie Pneumatic Tires (7.50" X 16")	4 Nos.	4 Nos.	4 Nos.	4 Nos.
BELT WIDTH	650 MM	650 MM	650 MM	650 MM
Belt Type	Nylon Rubber	Nylon Rubber	Nylon Rubber	Nylon Rubber
Total Weight	4000 kg	4100 kg	4500 kg	5500 kg
Conveyor Boom Length	42 feet	48 feet	56 feet	66 feet

#### Brought-out Make List

Engine	Kirloskar / Equivalent
Hydraulic Pump	Veljan / Equivalent
Hydraulic Motor	Bondioli Pavesi (Italy) / Equivalent
Oli Cooler	TVS Lucas / Equivalent
Hose Pipe	TVS Lucas / Equivalent
Paint	Burger / Equivalent
Bearing	NTN/ TR / Equivalent

#### **STANDARD ACCESSORIES:**

- → 1 Meter Long Elephant Chute (5 Nos.)
- → 1 Meter "C" Chute : 01 Nos
- → 1.5 Meter "C" Chute : 01 Nos
- → Tool Kit.

#### **Prime Mover**

Engine: Air Cooled Diesel Engine	25 hp
Hydraulic: (Operation)	
Belt Drive	$\checkmark$
Travel: Forward&Reverse	*
Boom: Up-Down	✓
Steering Left	*
Steering Right	1
Conveyor Frame Fold Rear	1
CONVEYOR FRAME FOLD FRONT	*
TRANSVERSE	*
Control Valve: Manual Lever	*
Battery (12 V DC)	*
Steering Facility: Front & Rear	*
Accessories	
Discharge Hopper	✓
Elephant Chutes	$\checkmark$
Operator Seat	$\checkmark$
Rotating 'C' Chute	$\checkmark$
BELT CLEANER SPRING LOADED CLEANING BLADE	$\checkmark$
Engine Canopy	√ √
Paint: Epoxy	*

#### **KEY FEATURES:**

- → 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

25hp	25 hp	31 hp
*	$\checkmark$	*
✓	$\checkmark$	*
*	$\checkmark$	*
*	$\checkmark$	✓
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✓ ✓	$\checkmark$	✓
$\checkmark$	✓	✓
	✓	✓
✓ ✓ ✓	$\checkmark$	✓
$\checkmark$	$\checkmark$	*

## **EXCAVATOR DRUM COMPACTOR**

Excavator 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.

Hydraulic Compactor can fit for Various kinds of Excavators & Skid Loaders varying from KOMATSU, CAT, HITACHI, KOTO, DOOSAN, DAEWOO, JCB, OKB, NPK, MKB, LIUGONG, XCMG, LIEBHERR, HYUNDAI, SUMITOMO, KOBELCO, YANMAR, KUBOTA, IHISCE, TAKEUCHI etc.

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→ Embankments

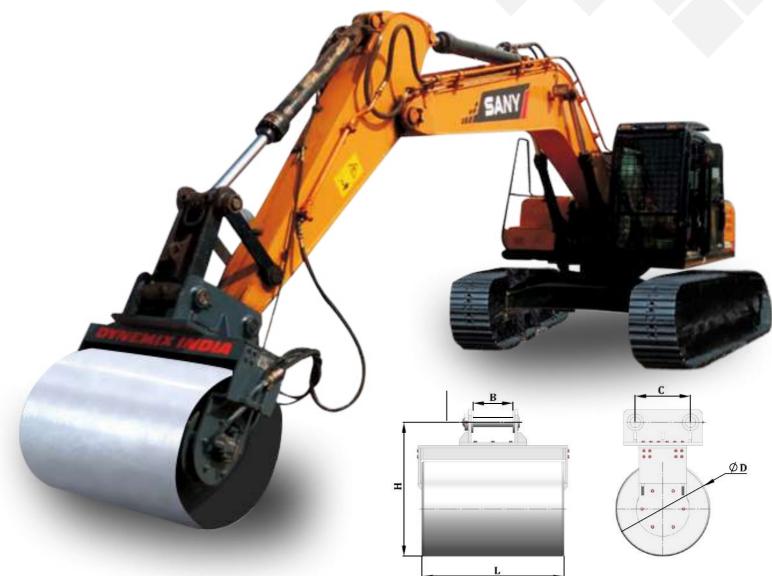
→ Water Sewage

#### **APPLICATION:**

- → Irrigation Canals
- Road Railways
- Trench Compaction

#### **TECHNICAL SPECIFICATIONS:**

DESCRIPTION	DIS-800	DIS-600
<b>Operation Weight</b>	1150 Kgs	500 Kgs
Drum Weight	700 Kgs	315 Kgs
Drum Width	1200 mm	700 mm
Drum OD	800 mm	600 mm
Area Covered for One Revolution	32 Sq. Feet / Rev.	15 Sq. Feet / Rev
Centrifugal Force	90 kN	45kN
Impulse Force	6000 Kgs	3000 kgs
Nominal Amplitudes	0.5 mm	0.5 mm
Vibrations	2700 Vib. /Min	2000 Vib. / Min



	L	D	н	С	В
DIS 600	700	600	890	345	335
DIS 800	1200	800	1130	465	343

Note : All Dimensions 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

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Effective compaction of slopes and tricky terrains, with high productivity at lower costs

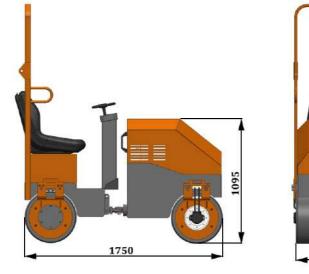


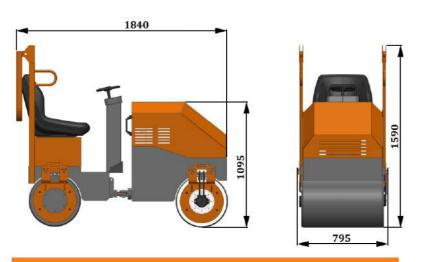
## **RIDE-ON VIBRATORY ROLLER TECHNICAL**

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 and repairing of roads
- **Pavements**
- Compaction canals
- Road Widening Works
- Gardening
- **Embankments**
- Private roads
- Hilly terrains with sharp bends
- Culverts
- Edges of highways  $\rightarrow$
- Parking lots  $\rightarrow$
- Internal Roads in Housing on Soil
- Playgrounds
- Granular and Asphalt etc  $\rightarrow$





720



#### **KEY FEATURES & BENEFITS**

- Compacts space where no other compactor can reach
- Easy Quick Compaction
- → 3 Different models from 5 to 65 tons are available
- oil changing interval is 365 days.
- block. Preventing the hoses from damage.
- Self-aligning bearing, provides a long service life to rotating components.

→ Oil Bath Type compaction weight chamber is filled with gear oil. Periodic greasing and

Single hose block: All hoses are routed within the frame and connected to a mono hose

SR. NO.	DESCRIPTION	DETAILS
01	GENERAL	
	Tandem Vibratory Roller	-
	Model	DIR - 6500
	Hydraulic Pump (Variable Displacement)	PWG (Italy) / Equivalent
	Hydraulic Motor	Bondioli Pavesi
	Filter	PWG (Italy) / Equivalent
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
	Operating Panel	MIMIC
	Operator Seat	Adjustable
04	WEIGHT	
	Static Weight (kg)	700
	Working Weight (kg)	800
05	ENGINE	
	Make	Greaves / Equivalent
	Stroke	4 – Stroke, Air Cooled
	Rated Speed (RPM)	3000
	Engine H.P	10
	Starting Type	Electric
	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)	6
	Water Tank (Litre)	20
08	ACCESSORIES	
	Front & Rear Light	Feature
	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 VIBRATING ROLLER

The DIG-6500 & DIV-6500 are a duplex 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 as well as rope starter.

#### **APPLICATION:**

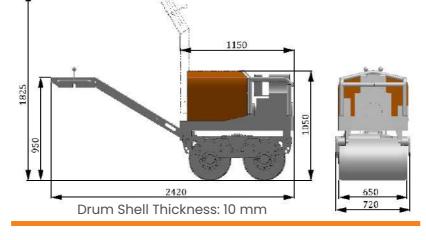
- → Construction and repairing of roads
- → Pavements
- → Compaction canals
- → Road Widening Works
- → Gardening
- → Embankments



- → Private roads
- → Hilly terrains with sharp bends
- → Culverts
- → Edges of highways
- → Parking lots
- → Internal Roads in Housing on Soil
- → Playgrounds
- → Granular and Asphalt etc

### **TECHNICAL SPECIFICATIONS:**

	DIV - 6500	DIG - 6500
Weight		
Net Weight	715 kg	715 kg
Operating Weight	760 kg	760 kg



# 

#### **POWER SOURCE**

gine	Diesel /4-stroke /S
anufacturer	Greaves / Equivale
gine Start	Ignition Key with El
gine Stop	Pull Type Cable
itput kw (hp)/rpm	7.5(10)/3000
el Tank Capacity	5.5 Liter
attery	12 V DC, 44 AH

#### HYDRAULIC SYSTEM

HTDRAULIC STSTEIN	
Traction	Hydraulic Motor &
Vibration	Hydraulic Motor
Primary Pump	Variable Displace
COMPACTION	
Static Linear Load	5.2 kg/cm
No. of Speed (Forward & Reverse)	2-speed
Operating Speed (Forward & Reverse)	(0 to 5 kmph) - Ve
Gradeability	35 %
Drive System	Fully Hydraulic
Frequency	61 Hz / 3660 RPM
Amplitude (Dual Drum)	0.45 mm
Centrifugal Force	25 kN
OPERATION	
OPERATION Forward & Reverse Motion	Cable Type Lever
	Cable Type Lever Cable Type Lever
Forward & Reverse Motion	
Forward & Reverse Motion VibrationCable Type Lever	Cable Type Lever
Forward & Reverse Motion VibrationCable Type Lever Wall Side Compaction	Cable Type Lever 50 mm Clearance Foldable with Lock
Forward & Reverse Motion VibrationCable Type Lever Wall Side Compaction Operating Handle	Cable Type Lever 50 mm Clearance Foldable with Lock Arrangement
Forward & Reverse Motion VibrationCable Type Lever Wall Side Compaction Operating Handle Water Sprinkler	Cable Type Lever 50 mm Clearance Foldable with Lock Arrangement
Forward & Reverse Motion VibrationCable Type Lever Wall Side Compaction Operating Handle Water Sprinkler BRAKE	Cable Type Lever 50 mm Clearance Foldable with Lock Arrangement By Gravity (Both D

Single Cylinder lent Electric Start	Diesel /4-stroke /Single Cylinder Greaves / Equivalent Ignition Key with Electric Start Pull Type Cable 7.5(10)/3000 5.5 Liter 12 V DC, 44 AH
k Gearbox	Hydraulic Motor & Gearbox
	, Hydraulic Motor
ement Pump	, Gear Pump
	5.2 kg/cm
	2-speed
ariable	(0 to 5 kmph)
	35 %
	Fully Hydraulic
	61 Hz / 3660 RPM
	0.45 mm
	25 kN
	Cable Type Lever
	Cable Type Lever
9	50 mm Clearance
king	Foldable with Locking Arrangement
Dram)	By Gravity (Both Dram)

## **FORWARD & REVERSIBLE PLATE COMPACTOR**

Our Forward & Reversible plate compactor is of dual direction, incorporating both forward and reverse direction from the single transmission unit. The model demonstrates balanced handling in compacting soil, asphalt and paving stones and are therefore excellent in the construction of roads and paths or in landscaping, ideal when working in pipeline and cable trenches which are too narrow to turn around in.

1310

450

#### **APPLICATION:**

- → Trench compaction
- Soil Compaction  $\rightarrow$
- Paver Block Compaction  $\rightarrow$
- → Earth Works
- Road Maintenance  $\rightarrow$
- Landscaping  $\rightarrow$
- Bricks-Paving  $\rightarrow$
- → Driveway Toppings

## **TECHNICAL SPECIFICATIONS:**

Weight	
Net Weight	150 kg
Operating Weight	180 kg
Power Source	
Engine	Diesel
Manufacturer	Greaves / Lombardini
Engine Start	Recoil
Engine Stop	Pull Type Cable

Rated Power	3.7 kW
Fuel Tank Capacity	3.1 Liter
Battery	12 V DC, 44 AH
Fuel Efficiency	1 liter/hr
Compaction	
Operating Speed	22 m/min
Gradeability	30 %
Drive System	Fully Hydraulic
Frequency	80 Hz / 3200 RPM
Amplitude	1.4 mm
CENTRIFUGAL FORCE	28 kN
Vibration & Sound	
H/A Vibration	1.5 m/s2
Sound Power Level Guaranteed (2000/14/EC)	108 dB
Sound Pressure at Operators Ear (ISO 11201)	92 dB
Operation	
Forward & Reverse Motion	Cable Type Lever
Wall Side Compaction	Minimum Clearance
Operating Handle	Foldable with Locking Arrangement
Transportation	
Lifting	Single Centre Lifting Provision

DIMENSIONS	
Plate Width	450 mm
Plate Length	666 mm
Total Length	1310 mm
Total Width	450 mm
Total Height	1090 mm

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#### **OFFICE ADDRESS**

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#### **WORK ADDRESS**

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