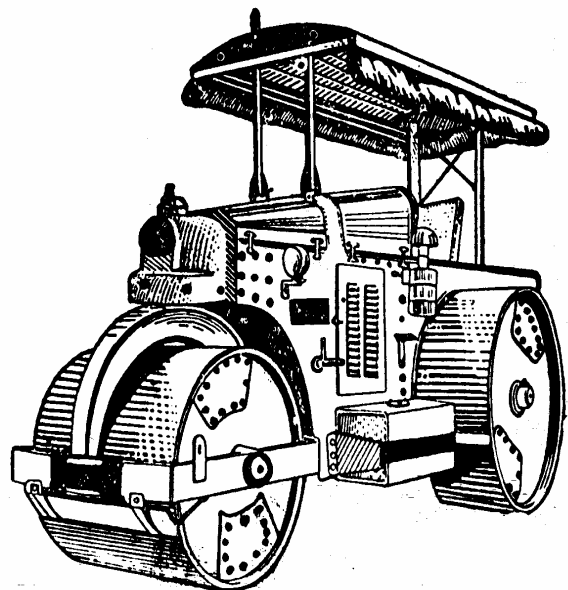
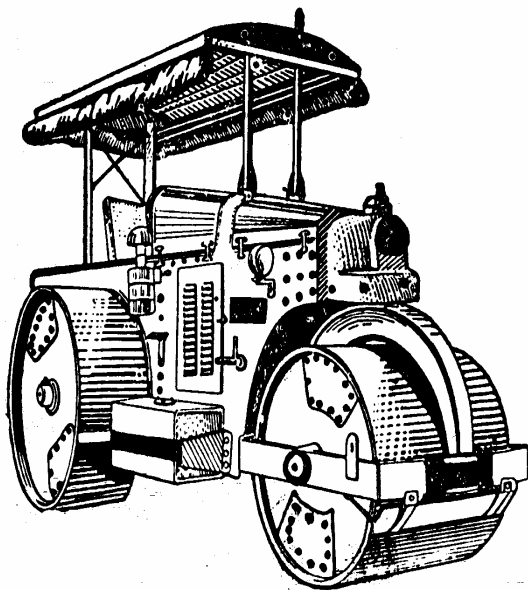




STRONG

DIESEL ROAD ROLLER

On D.G.S & D Rate Contract



Available With Four Speed Gear Box

Manufactured by :

RAKBRO Industrial Corporation

Email : rakbro@sify.com

Office : 2948, Zorawar Singh Marg,
Delhi - 110006

Phones : 011 - 23830192
011 - 23960192

Website : www.rakbro.com

Fax nos : 011 - 4052 0525

Works : F 29/6 , Okhla Industrial Area,
Phase - II , New Delhi-110020

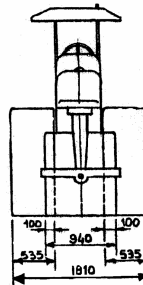
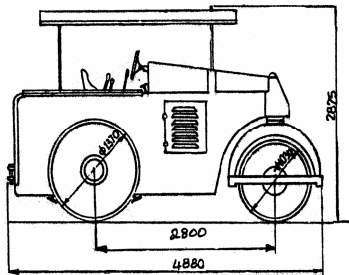
011 - 2638 4323
011 - 26384165

011 - 4052 0525

SPECIFICATIONS

- MAIN FRAME** : Constructed out of deep section structural steel conforming to IS : 2062. All joints are electrically welded and tested to form a rigid unit.
- PRIME MOVER** : The equipment is powered by Simpsons S4(I) / S-433(I) or equivalent water cooled diesel engine which develops min 33.5 BHP at 1500 RPM and is provided with 12 volts electrical starting system and also with handle starting arrangement.
- TRANSMISSION** : The clutch is of double acting, heavy duty, quick release with two clutch plates over clutch centers, forward & reverse that is controlled by a single hand lever.
- A forward or backward movement gives an instant corresponding movement. All the gears, shafts and pinions are manufactured out of the recommended alloy steels, from duly heat treated and are housed in a fabricated mild steel gear box housing. The differential is bevel type, housed in the gear box provided with the differential locking arrangement and is operated from the driver's seat. The gear box is coupled to the engine with double flexible couplings.
- LUBRICATION** : Oil splash system in the gear box with collecting tray and feed channel to feed the oil stream all over the gears.
- FRONT & REAR ROLLS** : Fabricated out of heavy section mild steel plates conforming IS : 2062 and electrically welded and tested. The rolls can be ballasted with sand or water.
- STEERING** : Mechanical type consisting of worm shaft and gear. Easily operated by the hand wheel.
- FORECARRIAGE** : Mild steel fabricated, heavy duty built with trunion pins.
- BRAKES** : External contracting, self wrapping type acting on the outer surface of driving rings with replaceable brakes linings and controlled by foot pedal or hand wheel independently.
- SCRAPPERS** : Adjustable scrappers are provided to cover the entire width of the rolls.
- CONTROLS** : All the controls are within the easy reach of the operator.
- PRESSURE** : A sliding weight is provided which can be moved in either direction by the movement of the hand wheel
- BALANCING DEVICE** : to vary the pressure on the front and rear rolls.

OVERALL DIMENSIONS



Rolling width	1810mm
Diameter of rear rolls	1370mm
Diameter of front rolls	1030mm
Width of rear rolls	535mm
Width of front rolls	940mm
Overlap of rolls	100mm
Total length	4880mm
Wheel base	2800mm
Height with awning	2875mm

TECHNICAL DATA

Unballasted Weight	8 Metric Tones		
Water Ballasted Weight	9 Metric Tones		
Sand Ballasted Weight	10 Metric Tones		
Line Pressure		Front Rolls	Rear Rolls
	Minimum	27.45 kg./cm	53.86 kg/cm
	Maximum	38.09 kg./cm	64.02 kg/cm
Turning Radius	4875mm		
No. of speeds	3 forward & 3 reverse / 4 forward & 4 reverse		
Speed	1.80 to 9.00 km/hr		
Gradient	1 in 5		
Fuel tank capacity	150 liters		
Water tank capacity	225 liters		
Permissible variation	+,- 2%		

ALL THE ABOVE SPECIFICATIONS ARE SUBJECT TO MODIFICATIONS DUE TO CONTINUOUS IMPROVEMENTS