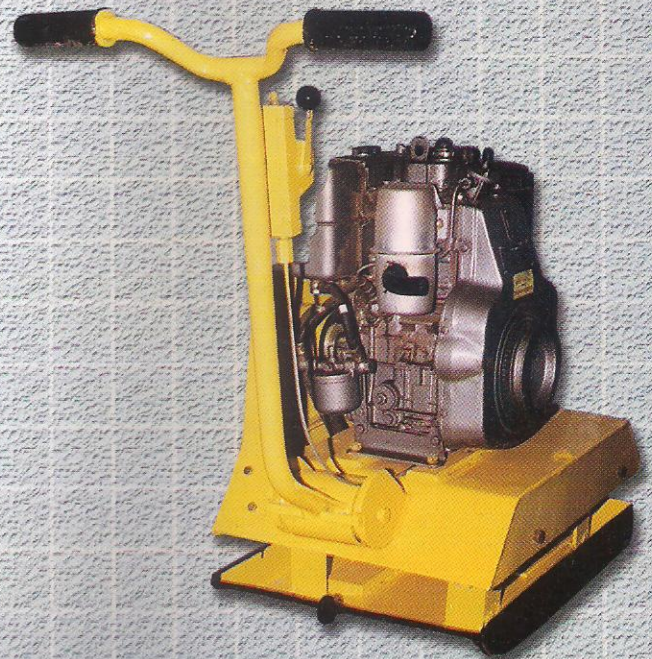
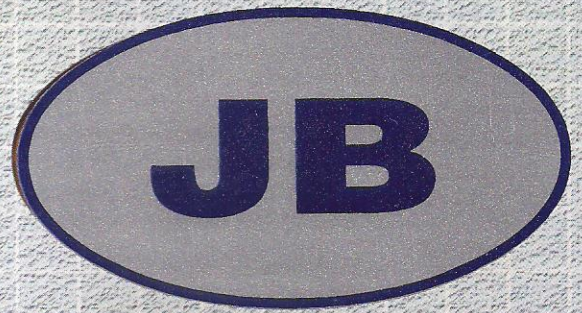


# Earth Rammer/Compactor



Tamping Rammer



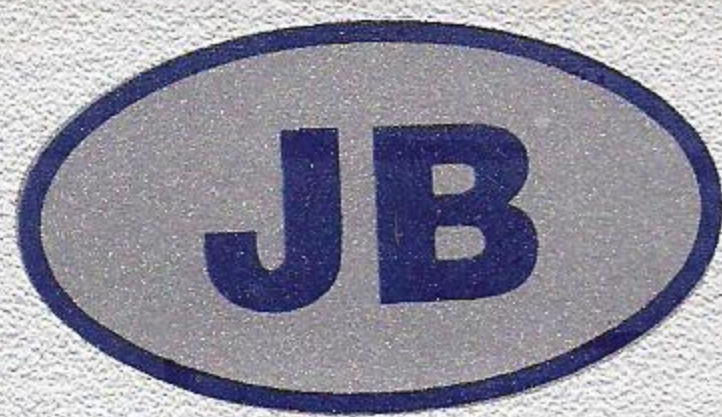
Vibrating Rammer



Small Vibrating Rammer

## **JB ENGINEERING & INDUSTRIAL CO.**

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# Earth Rammer/Compactor



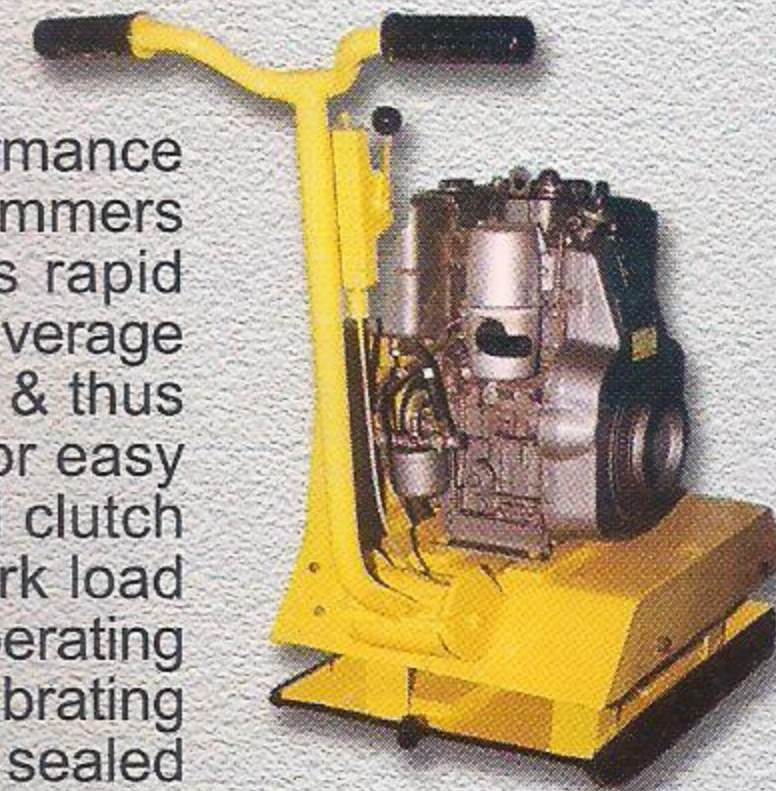
## Tamping Rammer

Tamping Rammer is a unique type of Vertical Jumping Rammer particularly suitable when work space for compaction is restricted. The tamping system is lubricated with grease and encapsulated to make it water and dust proof. Gives an impact force of about 1 Ton capacity. Depth of compaction 300 mm with a travelling speed of 10mtr./min. Operates on Petrol/ Kerosene air cooled Engine. Used for compaction of rockfill, clayey soil, sand and gravel.

**Application and Uses :** Backfilling work, Embankment, Road repairing work. Used for compaction & backfill of cable trenches, electric lines, telephone lines, water lines and road potholing, backfilling between building plinth beam etc.

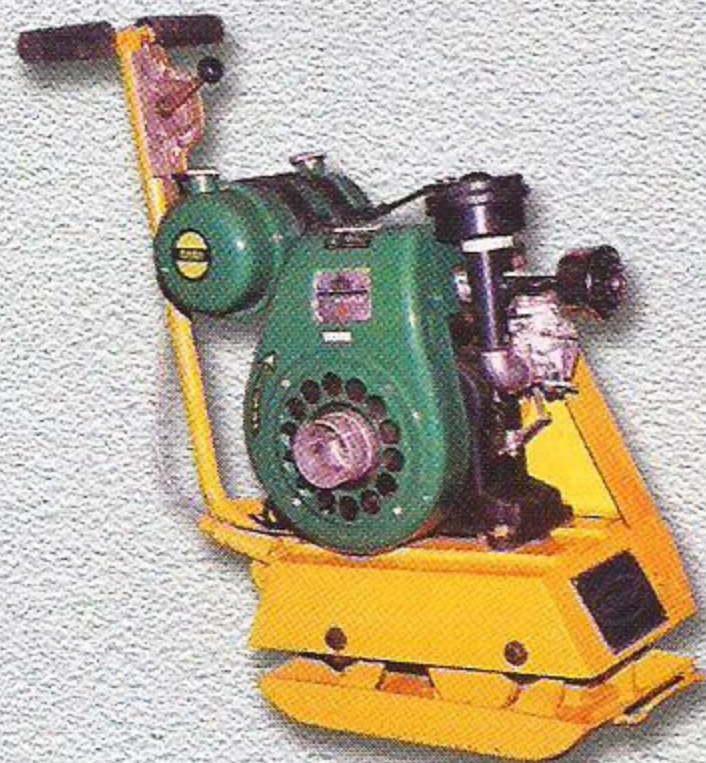
## Vibrating Earth Rammer

Outstanding for \*Easy operation \*Simple & robust Construction \*High compression performance \*High cross-country performance because of low centre-of-gravity. JB Brand Vibrating Rammers are made of selected & well treated material. It's efficient self propulsion guarantees rapid compaction of large areas and exceptional climbing ability. On account of their better than average high frequency of excitation the JB Brand Vibrating Rammers have a true vibration effect & thus the very best compressing results are achieved. It is provided with a Centrifugal Clutch for easy starting & idling and Hand Throttle Control for variable frequency operation. Centrifugal clutch also increases the life of the engine and protects the same from any sudden thrust or jerk load produced by jamming of bearings or eccentric shaft. It is provided with impact shock free operating handle and detachable trolley with wheels and towing hook for easy transportation. The Vibrating Element consists of element shaft which is mounted on heavy duty bearings running in a sealed oil bath. This provides adequate lubrication and cooling. The element housing is securely mounted at the forward end of the base plate to achieve maximum compaction and forward motion. The



base plate is constructed from M.S. plate. C. I. Base Plates are also supplied. Their size is scaled down in such a fashion that they can efficiently be selected for every optimum working angle. The very deep lying force of gravity matched with a large base plate has made JB Brand Vibrating Rammers a landmark in the Indian market.

**Application and Uses :** Compaction of Asphalt premix & chipping carpet, sealing coat, granular soils, sand gravel, slag chips, dry concrete & bituminous coars base. Pot holes and patch repair, plinth fillings inside building, compaction and grading operation, compaction of small trenches, stabiliser of cycle tracks and side walls.



## Special Salient Features :

\*High working speed at low cost \*Maximum depth effect \*Easy to operate & less maintenance \*Throttle speed control \*High compaction capacity \*Centrifugal clutch pulley \*Separate trolley \*Light in weight \*Self propelled \*Robust in design & construction \*High gradient capacity \*Vibration proof steering handle.

## Technical Data

Model	AVR-I	AVR-II	AVR-III	AVR-IV
Compaction Capacity	8-10 Tons	4 Tons	1-2 Tons	3 Tons
Impact Force upto (approx)	3500 Kgs.	2000 Kgs.	1000 Kgs.	1500 Kgs.
Vibration Frequency (approx)	2000 VPM	4500VPM	5100 VPM	4500 VPM
Depth Effect (Depending on type of soil)	20"	15"	6"	10"
Travel Speed (Depending on type of soil)	upto 50 ft./min.	upto 66 ft./min.	upto 65 ft.p/min.	upto 66 ft.p/min.
Gradient Capability	upto 20%	upto 20%	upto 20%	upto 20%
Compacting Plate Size	900mm X 600mm	620 mm X 490 mm	445 mm X 300 mm	570 mm X 400 mm
Working Area (approx)	6000 sq.ft./Hr.	4500 sq.ft./Hr.	4500 sq.ft./Hr.	4400 sq.ft./Hr.
Direction of Travel	Forward	Forward	Forward	Forward
Power Unit	6.25 H.P. aircooled D/Engine or 7.5 H.P. Ele. Motor	4.5 H.P. Greaves A/C D/Engine or 5-H.P. 440/50/3 AC Electric Motor	3.4 H.P Greaves A/C Petrol / Kerosene Engine or 3-H.P. 440/50/3 or G.K. 200 - 3.1 H.P.	3.4 H.P Greaves A/C Petrol / Kerosene Engine or 3-H.P. 440/50/3 AC. Ele. Motor or Sriram Honda GK-200-3.1 HP
Static Weight (approx)	700 Kg	160 Kg	70 Kg	100 Kg
Base	M.S.	M.S. (MK-1) With C.I. Base 250 Kg.	M.S.	M.S.