

ASHWINI ENTERPRISE

Mfg. & Exporter of construction machinery

One Stop Solution



FIRST - CLASS IN COMPACTION
Walk Behind Vibratory Roller

Designed and developed by Ashwini Enterprise utilizing in-house technology, the Slope compactor AE DVR 800 offers effective solution for compaction applications for canal banking, Dam slope compaction, railway applications and other high slope compaction applications. This Slope compactor can play an effective role in high Slope applications where it would be very challenging for self-driven compactors.

DESCRIPTION

- Excavator Class
- Drum weight
- Drum width
- Drum OD
- Area covered per rev.

SPECIFICATION

- 20-tonne
- 625 kg
- 1250 mm
- 800mm
- 2.79 Sq.m

- Centrifugal force 45 kn
- Vibration motor Fixed displacement gear motor
- Frequency 65 Hz
- Total operating weight 1100 kg
- Amplitude 0.42 mm
- Max. Pressure 120 bar
- Max. Input Flow 220 Lpm

:: FEATURES ::

- Optimized exciter Shaft design for superior performance Precisely Engineered Anti Vibration Mounts for vibration isolation.
- Pressure compensated Flow Control Valve for optimal performance.
- Adjustable Scrapper pad for Self cleaning.



WALK BEHIND VIBRATORY ROLLER VIBROTECH AE-80

Due to its compact design, the VIBROTECH AE-80 is the ideal roller for small repairs in both Base and asphalt courses, Widening of roads, Horticulture, Landscape Gardening, Internal roads in complex. Its low overall height and closely set drums provides a clear view of the entire working area, ensuring high manoeuvrability. In spite of its relatively low weight, the use of double drums, ensures high Compaction performance & has necessary gradient climbing ability. **NO GEAR BOX, HYDRUALIC DRIVE** hence **VERY LESS DOWN TIME** No failure, Total Maintenance Free Machine. Speed for Forward & Reverse motion remains same and being Hydraulic, it has more power than Mechanical Type Rollers. Double compaction with each pass.

FEATURES: Two "V" belts for synchronizing the action of both vibrators. The eccentric weights are positioned at 180° Out of phase to each other.

DRIVE: Traction drive via hydraulic motor. Positive with spring action.

OPERATING: Individual control lever for the travel and vibration, located at easy reach.

SLOPE COMPACTOR VERSION OF VIROTECH AE-80. A Slope compactor with Hydraulic Drive and Vibration having same features as Walk Behind Roller. Working shall be as under On slope of 1:2 to 1:1.5, a pair of compactor works on CONUNTERBALANCE PRINCIPAL i.e. Two compactor (ONE at top and other at bottom of slope) has to be linked via wire rope pulley having supported with Loaded truck at the top. The two compactors with individual operator have to operate Single lever simultaneously downward and upward direction from two ends of slope.



TECHNICAL SPECIFICATION

WEIGHT / MEASUREMENTS:

Statics Weight	KGS.	800
Drum Width	mm.	690
Drum Dia	mm.	400
Drum Shell Thickness	mm.	10

VIBRATION:

System	Hydraulic
Drum Width	Hz 50
Drum Dia	KN 19.6
Total Applied Force	KGS. 2800

DRIVE

Air-cooled Diesel Engine Greaves	
Type	GA-75
Model	G - 1510
Performance	KW/HP 7.4/10 (DIN 5779 at 1000/1200)
Travel Speed	Km/Hr. 0-2.5

CAPACITY:

Hydraulic Oil Tank	Litres	25
Fuel Tank Capacity	Litres	5.5
Water	Litres	25

* Both tank for oil. (Slope Compactor)
** One tank for water and another for hydraulic oil.

GRADABILITY

With Vibration	30
Without Vibrator	35

TRANSMISSION:

Drive	Hydraulic
Vibration	Hydraulic

OPTIONAL ACCESSORIES:

1. Water Sprinkler Type Gravity
2. Remote Mounting 12 V Dynastart with pulley
3. 12 V Electric Start