

DIESEL ENGINE TYPE

# VIBRATING ROLLER

CVR1200X42 / CVR1200E42 / CVR1000E38 / CVR800E32 / CVR650E28

CVR-series is small-size double drum walk-behind vibrating rollers. They are applied to compacting and maintaining various roads, Express way shoulder, side walk, parking area, sports ground lawn, especially suited for compaction of narrow areas, such as pipeline channel and drainage trench and etc. Mechanical all-drum travel drives with greater grade-ability.

**Features**

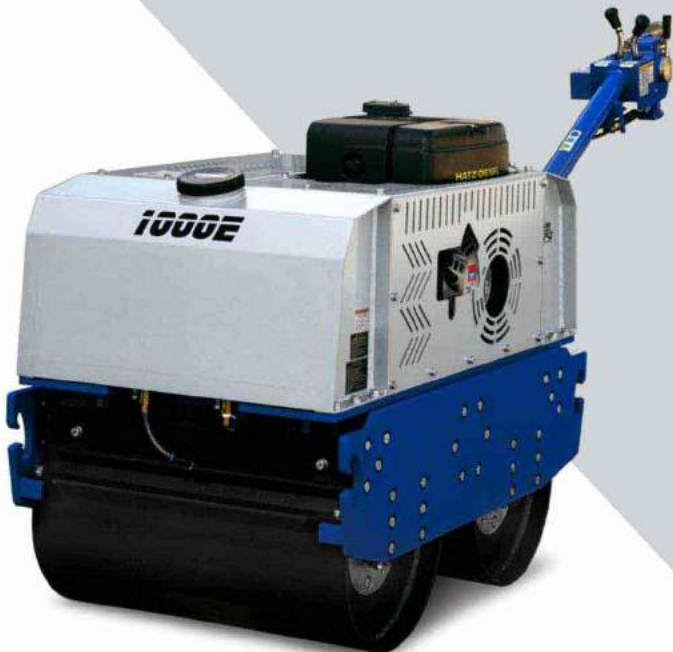
- The CVR-series is a double drum soil & asphalt compactor with small machine features and reliable performance
- This machine has been designed to be highly versatile with minimum maintenance, fitting a wider range of utility-sized applications confronting contractors
- The CVR-series is very strong compacting and good durability
- Its excellent maneuverability makes it the right choice for confined areas

Vibrating road roller is mainly made up of engine part, hydraulic device part, frame part, vibration part.

- Type of vibrating Roller is "Pedestrian Double Drum Vibrating Roller"
- The engine is installed on upper frame. Between the engine and the upper frame is installed a shock absorber to block vibration from pendulum of vibrating roller. This makes it well adjustable to work requirements, economical and reliable
- High-pressure Axial piston pump and motor in the hydraulic vibrating system allows it strong resistance to pollution

**Applications**

- CVR-SERIES Vibrating rollers are ideal for these applications :  
Compacting back fill along and beneath foundations and in utility trenches
- Compacting interlocking brick and decorative stone
- Hot mix asphalt jobs such as driveway paving and pothole repair
- Gravel driveway and walkway compaction
- Landscape and structural granular soil compaction



Hydraulic piston pump



High density hydraulic oil filter

**Product Views**



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CVR1200E42 (OPTION : CVR1200X42)      CVR1000E38      CVR800E32      CVR650E28

- Durable vibrating system with supply of oil lubrication
- Italian hydraulic piston pump & motor equipped
- 4-cycle air-cooled diesel engine equipped
- Japanese bearing & oil seal equipped
- Electric starter & recoil starter
- Dead man handle / push stop
- Reinforced durable frame

**Use**

- Pipeline backfill construction
- Repair for asphalt construction
- Compacting sand, soil, gravel and asphalt paving



**Specifications**

MODEL	UNIT	CVR1200X42	CVR1200E42	CVR1000E38	CVR800E32	CVR650E28
OPERATION WEIGHT	Kg/lb	1,280 / 2,822	1,200 / 2,643	1,000 / 2,202	800 / 1,763	650 / 1,431
DIMENSION	mm	850 × 2700 × 1,170	800 × 2700 × 1,170	800 × 2700 × 1,170	750 × 2700 × 1,170	750 × 2700 × 1,170
(W) × (L) × (H)	inch	33.5 × 106.2 × 46.0	31.5 × 106.2 × 46.0	31.5 × 106.2 × 46.0	29.5 × 106.2 × 46.0	29.5 × 106.2 × 46.0
ENGINE	Hp/Kw	10.2 / 7.65 AIR-COOLED 4CYCLE DIESEL ENGINE			10.0 / 7.50 AIR-COOLED 4CYCLE DIESEL ENGINE	
FUEL		DIESEL			DIESEL	
STARTING METHOD		RECOIL & ELECTRIC (KEY) STARTER			RECOIL & ELECTRIC (KEY) STARTER	
DRIVE/TRANSMISSION		FULL HYDROSTATIC DRIVEN WITH CHAIN SYSTEM (OPTION: FULL HYDROSTATIC SYSTEM)				
DIAMETER OF DRUM	mm/inch	406 / 16.0	406 / 16.0	406 / 16.0	406 / 16.0	406 / 16.0
LENGTH OF DRUM	mm/inch	750 / 29.5	700 / 27.5	700 / 27.5	650 / 25.6	650 / 25.6
WATER TANK	l/gal	51 / 13.5	42 / 11.1	42 / 11.1	33 / 8.72	33 / 8.72
VIBRATION FREQUENCY	VPM/RPM	75(4500)	75-100(5100)	75-100(5100)	75-100(5100)	75-100(5100)
CENTRIFUGAL FORCE	KN/Kgf	42.5 / 4,333.7	42.5 / 4,333.7	38.8 / 3,956.4	32.7 / 3334.7	28.2 / 2,875.7
SPEED RANGE	Km(Mile)/Hr	3.5(2.174)	3.5(2.174)	3.5(2.174)	3.5(2.174)	3.5(2.174)
GRADE-ABILITY	%	33	35	35	35	35