

**TANDEM VIBRATORY COMPACTOR
752EX**

CASE
CONSTRUCTION



**WE MAKE MACHINES
THAT BUILD THE NATION**

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SINCE 1842

WE MAKE MACHINES THAT BUILD THE NATION

COMFORTABLE & SAFE OPERATOR STATION

- Sliding comfortable operator seat
- Rotating operator seat and tiltable steering (optional)
- New styled user friendly operator console
- Ergonomically located controls with joystick
- Resilient mount operator platform with AVM pads
- Low machine noise, low vibration transfer to operator



OUTSTANDING RELIABILITY

- Compact design and collapsible 2 post canopy for ease of transportation
- Modern electrical rocker switches
- Heavy duty high speed - low torque travel motor and reduction gear box
- Brake on both drums
- Improved ground clearance for movement in uneven terrains

EXCELLENT FRONT/ REAR VISIBILITY



TURBO PRE-CLEANER (optional)

TANDEM VIBRATORY COMPACTOR

752EX

EXCELLENT VISIBILITY

- Excellent front and rear visibility
- Large mirrors provide wide views to rear - additional safety while working
- Well located work lights
- Compact design
- New styled operator console design for better front visibility
- Slopping water tank design

HIGH EFFICIENCY

- Turbocharged engine
- After-cooler system
- Higher intake air density
- Higher torque
- Reduced fuel consumption

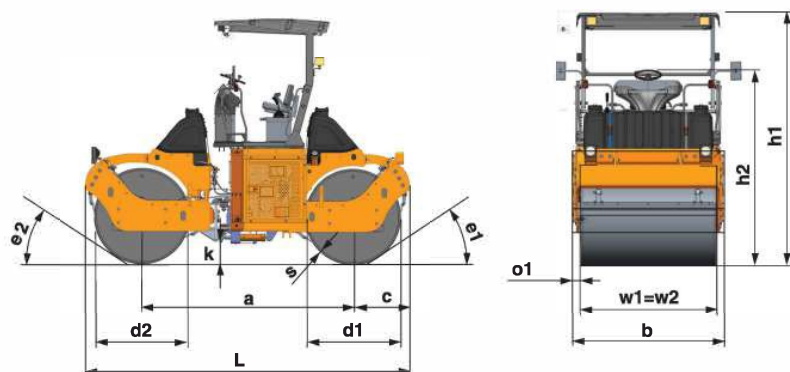


WORLD-CLASS COMPONENTS



HEAVY DUTY ARTICULATION JOINT

DIMENSIONS



SOIL COMPACTION

Material	Sand & Gravel	Mixed Soil	Clayey Soil
Layer thickness in m	0.40	0.30	0.20

ASPHALT COMPACTION

Application	Wear Course	Binder Course	Base Course
Layer thickness	2-4 cms	6-8 cms	10-14 cms
Area output M ² /Hour	1000-600	600-900	500-700
Tonnes	40-100	80-160	135-200

a	2690	h1	3100	o1	113
b	1905	h2	2424	s	17
c	719	k	245	w1=w2	1675
d1=d2	1220	L	4130	e1=e2	70°

SPECIFICATIONS

ENGINE

Engine.....S8000
 Make.....FPT
 Power.....76 HP @2200 RPM
 Type.....4-Cylinder, Inline, 4 Stroke, Turbo Charged, Water Cooled
 Total Displacement.....3908 CC
 Bore x Stroke.....104x115 mm
 Starting Method.....12 V, Electrical system
 Propulsion on front and rear drum.....Hydrostatic drive

POWER TRAIN

Working Speed.....0-5.5 Kmph
 Working and Transport Speed.....0-11 Kmph

BRAKES

Service Brake.....Hydrostatic
 Parking Brake.....Hydraulic

OPERATION DATA

Maximum Operating Weight.....10560 Kgs
 Operating Weight.....9061 Kgs
 Front Axle Load.....4470 Kgs
 Rear Axle Load.....4591 Kgs
 Static Linear Load - Front.....26.7 Kgs/cm
 Static Linear Load - Rear.....27.4 Kgs/cm
 Gradeability (% (20°)).....36
 Articulation to either side.....25°

Inside Turning Radius.....5.8 mm
 Oscillation Angle.....10°
 Vibration Stage.....Two
 Nominal Amplitude (Stage 1).....1 mm
 Nominal Amplitude (Stage 2).....0.4 mm
 Frequency (Stage 1).....33.3 Hz
 Frequency (Stage 2).....50 Hz

WATER SPRINKLER TANK CAPACITY

Front.....390 L
 Rear.....390 L

HYDRAULIC OIL FILTER

Type.....Micro Glass Element
 Filtering Quality.....10 microns
 Indicators.....Indicators for battery non charging,
 low engine lube oil pressure, hydraulic oil filter clog, parking brake,
 turn and hazard, & high speed

Gauges.....Digital hour meter, fuel gauge, RPM gauge,
 coolant temperature gauge

Safety Features.....Automatic vibration control, MCB protection, automatic
 application of parking brake in case of engine shutdown & no vibration in neutral
 Standard Equipment.....Horn, dual drum vibration, vibration control on
 front/rear/both drums, 2 frequency/2 amplitude, pressurized water sprinkler
 system, wear resistant scrapper, sun roof, canopy, night working lights
 Hydraulic Oil Tank Capacity.....80 L
 Diesel Tank Capacity.....140 L

Note: All parameters are within (+/-) 2.5% of the specified values. Specifications are subject to change without notice.

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