

The Case logo is rendered in a stylized, bold, orange font with a black outline, set against a black background. The letters are slightly irregular, giving it a mechanical or industrial feel.

# 252 Dual Drum Vibratory Ride-on Roller



- Economical Hatz diesel engine.
- Hydraulically articulated steering for excellent maneuverability.
- Hydrostatic drive to both drums.
- Dual drum vibration.
- Hydraulically driven vibrators with push-button on/off control at instrument panel.
- Deluxe driver's seat, adjustable fore and aft.
- Easy access with bolt-on panels to service areas.
- Pressurized water system.
- Optional ROPS available.
- Corrosion protected water tank.
- Lights, directional signals, four-way flasher, hourmeter, parking brake and horn are standard equipment.
- All controls conveniently located at operator's station.
- Lock-up for instrument panel, battery, and tool box — standard.
- Long wearing Vulkolan drum scrapers.

NOTE: Unit shown is equipped with non-standard items.

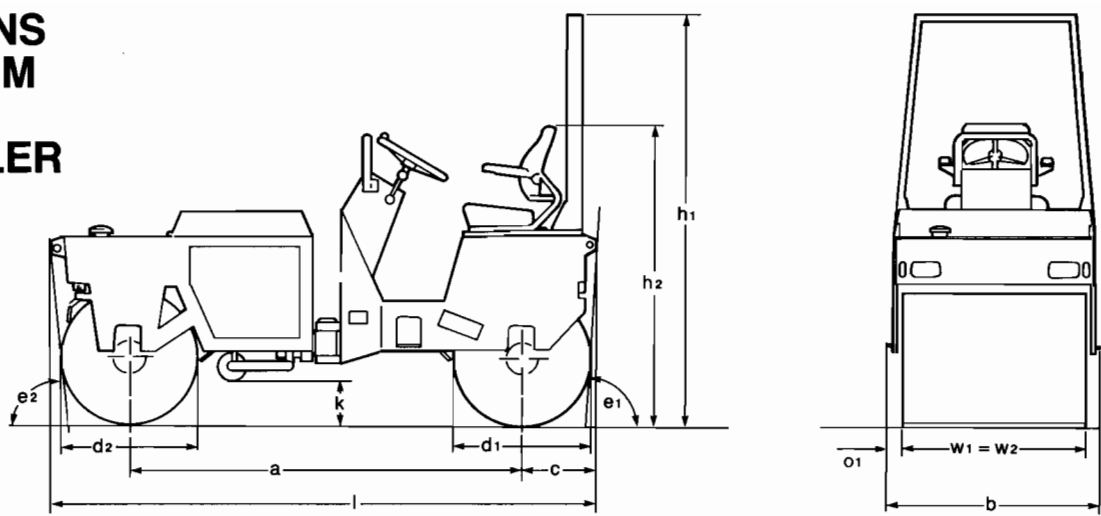
**J I Case**

A Tenneco Company



700 State Street Racine, WI 53404 U.S.A.

# SPECIFICATIONS 252 DUAL DRUM VIBRATORY RIDE-ON ROLLER



## DIMENSIONAL DATA

a	b	c	d <sub>1</sub> = d <sub>2</sub>	h <sub>1</sub>	h <sub>2</sub>	k	l	o <sub>1</sub>	w <sub>1</sub> = w <sub>2</sub>	e <sub>1</sub>	e <sub>2</sub>
84.3" (2.14 m)	43.5" (1.10 m)	16.3" (415 mm)	29.5" (750 mm)	91.3" (2.32 m)	65.7" (1.67 m)	15.7" (400 mm)	117.3" (2.98 m)	2" (51 mm)	39.4" (1000 mm)	86°	86°

## ENGINE

Make and Model	Hatz, 2L40S
Cooling	Air
Fuel	Diesel
Number of cylinders	2
Displacement	104.2 in <sup>3</sup> (1708 cm <sup>3</sup> )
Horsepower SAE	
Gross	34 (25.4 kW) @ 2600 rpm
Net	28 (20.9 kW) @ 2600 rpm
Starting	Electric, key switch
Alternator	55 amp
Fuel consumption	1.2 US gph (4.5 Lph)

## DRIVES

Propulsion	Hydrostatic, variable displacement pump w/flex coupling between engine and pump
Vibrator	Hydrostatic, fixed displacement drive motor at each drum

## BRAKES

Service	Hydrostatic braking in neutral, with engine running effective on both drums
Parking	Spring applied, hydraulically released at front drum

## FLUID CAPACITIES

Fuel	13.2 US gal (50 L)
Engine crankcase	1.45 US gal (5.5 L)
Hydraulic reservoir	16.6 US gal (63 L)

## FILTERS

Air	Dry-type replaceable cartridge
Fuel	Replaceable cartridge
Engine oil	Spin-on cartridge
Hydraulic fluid	Individual filters for each hydraulic circuit — ground drive, vibrator drive and steering. Filters located in hydraulic reservoir.

## IMPORTANT

J I Case reserves the right to change design, material and/or specifications without notice and without incurring any obligation relating to such changes.

## WATER SPRINKLER SYSTEM

Pressurization	12 volt w/controls at operator's station
Tank	Internally coated to resist rust and corrosion
Capacity	52.8 US gal (200 L)

## OPERATING DATA

Operating weight	5071 lbs (2300 kg)
Centrifugal force per drum	6615 lbs (3000 kg)
Centrifugal force/rolling widths (P.L.I.)	170 lbs/in (30 kg/cm)
Static applied linear force front/rear	65 lbs/in (11.5 kg/cm)
Total applied force per drum	9150 lbs (4150 kg)
Frequency	3500 vpm (58.3 Hz)
Amplitude (peak to peak)	.05" (1.2 mm)
Depth of compaction up to	19.5" (50 cm)
Working speed to maximum	0-5 mph (0-8 km/h)
*Gradeability Max	17° - 30%
Turning radius—inside	11.4' (3.5 m)
Steer type	Articulated power steering
Articulation, left or right of center	35°
Frame oscillation, up or down	15°
Drum thickness	.47" (12 mm)

## STANDARD EQUIPMENT

- 88 amp/hr 12v battery
- Electric 12v starter
- Front and rear lights
- Four-way flasher
- Directional signals and horn
- Electric hourmeter
- Deluxe bucket seat (adjustable)
- Gauge panel lock-up
- Generator indicator light
- Water sprinkler system
- Hand throttle
- Dry-type air filter
- Drum scrapers
- Tool compartment
- Parking brake

\*Gradeability is a calculated rating of unit's tractive effort under ideal conditions. Gradeability will vary depending on job conditions.

## Sold and serviced by: