

Technical data

HC 100



Compactors Series HC
Compactor with smooth drum

H339

HIGHLIGHTS

- > 3-point articulation for even weight distribution and excellent directional stability
- > High compaction performance
- > Intuitive and language-neutral operation
- > Easy maintenance and servicing
- > Excellent view of machine and construction site

TECHNICAL DATA HC 100 (H339)

Weights

Operating weight with ROPS	kg lbs	10450 23,042
Empty weight without cab, without ROPS	kg lbs	9930 21,896
Max. operating weight	kg lbs	10630 23,439
Axle load, front/rear	kg lbs	6050/4400 13,340/9,702
Axle load at max. operating weight, front/rear	kg lbs	6130/4500 13,517/9,922
Static linear load, front	kg/cm lbs/in	28,3 158.5
French classification, value/class		38,4/VM2
Wheel load per tire, rear	kg lbs	2200 4,851

Machine dimensions

Total length	mm in	5989 235.8
Total height	mm in	3067 120.7
Height loading, min.	mm in	3067 120.7
Center distance	mm in	2992 117.8
Total width	mm in	2280 89.8
Maximum working width	mm in	2140 84.3
Ground clearance, center	mm in	470 18.5
Curb clearance, left/right	mm in	500/500 19.7/19.7
Turning radius, inside	mm in	4260 167.7
Slope angle, front/rear	°	41/27

Drum dimensions

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1504 59.2
Drum thickness, front	mm in	25 1.0
Drum type, front		Smooth

Tire dimensions

Tire size, rear		AW 23.1-26 8 PR
Width over tires, rear	mm in	2140 84.3
Number of tires, rear		2

Diesel engine

Manufacturer		ASHOK LEYLAND
Model		H4C5E7422
Cylinders, quantity		4

Diesel engine

Power SAE J1995, kW/HP/rpm		54,6/74/2200
Exhaust emissions category, India		CEV 5
Exhaust gas after-treatment		DOC-DPF

Travel drive

Speed, working gear	km/h mph	0-7,0 0.0-4.3
Speed, transport gear	km/h mph	0-12,0 0.0-7.5
Gradeability, with/without vibration	%	25/28

Vibration

Vibration frequency, front, level I/II	Hz vpm	30/35 1,800/2,100
Amplitude, front, level I/II	mm in	1,92/0,84 .076/.033
Centrifugal force, front, level I/II	kN lbs	242/145 54,450/32,625

Steering

Steering angle +/-	°	33
Pendulum angle +/-	°	10
Steering, type		Articulated steering

Tank capacity/filling capacity

Fuel tank, capacity	L Gal	270 71.3
---------------------	----------	-------------

Sound level

Sound power level L(WA), guaranteed	db(A)	108
Sound power level L(WA), representative measurement	db(A)	106

EQUIPMENT

Dashboard with displays, indicator lights and switches | Driver's platform with access on one side | Vibration-isolated driver's platform | ECO mode | Tiltable engine hood | Hydrostatic steering | Adjustable scraper | Battery isolation switch | Hose protection on the front vehicle

OPTIONAL EQUIPMENT

Equipment Management | Compaction meter | Speedometer | Working spotlights | Rotating beacon | Automatic vibration system | Road homologation