

Technical data

HD 138



Tandem rollers Series HD

Tandem roller with two vibrating roller drums

H240

HIGHLIGHTS

- > Track offset for comfortable starting and driving away and compacting at curbsides
- > Excellent view of machine and construction site
- > 3-point articulation for even weight distribution and excellent directional stability
- > Simple, intuitive and language-neutral control
- > Ergonomic driver platform with rotatable seat operating unit and adjustable driver's seat

TECHNICAL DATA HD 138 (H240)

Weights

Operating weight with cab	kg lbs	13820 30,473
Operating weight, max.	kg lbs	14610 32,215
Static linear load, front/rear	kg/cm lbs/in	32,5/32,0 182.0/179.2
French classific., data/class		27,8/VT1

Machine dimensions

Total length	mm in	5010 197.2
Total height with cab	mm in	3220 126.8
Height, loading, min.	mm in	2840 111.8
Wheelbase	mm in	3610 142.1
Total width with cab	mm in	2250 88.6
Max. working width	mm in	2240 88.2
Curb clearance, left/right	mm in	890/890 35.0/35.0
Turning radius, inside	mm in	5230 205.9

Drum dimensions

Drum width, front/rear	mm in	2140/2140 84.3/84.3
Drum diameter, front/rear	mm in	1400/1400 55.1/55.1
Drum thickness, front/rear	mm in	27/27 1.1/1.1
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm in	100 3.9

Diesel engine

Manufacturer		DEUTZ
Type		TCD 1012 L04 2V
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		100,0/136,0/2300
Power rating SAE J1349, kW/HP/rpm		100,0/134,0/2300
Emission standard		MEE III
Exhaust gas after-treatment		-

Drive

Speed, working gear	km/h mph	0-6,2 0.0-3.9
Speed, transportation gear	km/h mph	0-12,3 0.0-7.6
Climbing ability, vibration on/off	%	30/35

Vibration

Vibration frequency, front, I/II	Hz vpm	42/50 2,520/3,000
Vibration frequency, rear, I/II	Hz vpm	42/50 2,520/3,000
Amplitude, front, I/II	mm in	0,81/0,41 .032/.016
Amplitude, rear, I/II	mm in	0,81/0,41 .032/.016
Centrifugal force, front, I/II	kN lbs	186/139 41,850/31,275
Centrifugal force, rear, I/II	kN lbs	186/139 41,850/31,275

Steering

Oscillation angle +/-	°	9
Steering, type		Articulated steering

Sprinkler system

Water sprinkler, type		Pressure
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Tank capacity/Fill capacity

Fuel tank, capacity	L Gal	185 48.9
Water tank, capacity	L Gal	900 237.8

Sound level

Sound power level L(WA), guaranteed	db(A)	108
Acoustic power LW(A), measured	db(A)	106

EQUIPMENT

Handrails | Operator's platform with entry from both sides | 2 drive levers | Seat-operating unit, rotatable, with armrests and safety belt | Amplitude switchable: large/small | Vibration front and rear, switchable single and doubled | Lighting package as per road traffic regulations | Battery isolation switch | Water level display | Rotating seat adapter | Safety belt with belt retractor | Handrail at operator's platform

OPTIONAL EQUIPMENT

Cabin | Heating and air conditioning | HAMM Compaction Meter (HCM) | Speedometer | Engine rpm counter | HAMM Temperature Meter (HTM) | Telematics interface | Automatic vibration system | Working light | Rotating beacon