

Technical data

3412 VIO



Compactors Series 3000

Compactor with VIO-drum

H180

HIGHLIGHTS

- > VIO compaction system—vibration or oscillation
- > High compaction performance due to linear load and big amplitudes
- > 3-point articulation for excellent traction and cross-country mobility
- > Ergonomic driver platform with rotatable seat operating unit, adjustable driver's seat and tiltable steering column
- > Simple, intuitive and language-neutral control

TECHNICAL DATA 3412 VIO (H180)

Weights

Operating weight with cab	kg lbs	11925 26,295
Operating weight with ROPS	kg lbs	11705 25,810
Basic weight no cab, without ROPS	kg lbs	11255 24,817
Operating weight, max.	kg lbs	14990 33,053
Axle load, front/rear	kg lbs	6425/5500 14,167/12,127
Static linear load, front	kg/cm lbs/in	30,0 168.0
French classific., data/class		41,2/VM3
Load per tire, rear	kg lbs	2750 6,064

Machine dimensions

Total length	mm in	5705 224.6
Total height with cab	mm in	2990 117.7
Total height with ROPS	mm in	2945 115.9
Height, loading, min.	mm in	2325 91.5
Wheelbase	mm in	3015 118.7
Total width with cab	mm in	2250 88.6
Max. working width	mm in	2140 84.3
Ground clearance, center	mm in	375 14.8
Curb clearance, left/right	mm in	465/465 18.3/18.3
Turning radius, inside	mm in	3690 145.3
Angle of driving slope, front/rear	°	31/34

Drum dimensions

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1504 59.2
Drum thickness, front	mm in	30 1.2
Drum type, front		Smooth

Wheel dimensions

Size of tires, rear		AW 23.1-26 12 PR
Width over tires, rear	mm in	2130 83.9
Number of tires, rear		2

Diesel engine

Manufacturer		DEUTZ
--------------	--	-------

Diesel engine

Type		TCD 2012 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		EU Stage IIIA/EPA Tier 3

Drive

Speed, working gear	km/h mph	0-3,7/0-5,4/0-6,0 0.0-2.3/0.0-3.4/0.0-3.7
Speed, transportation gear	km/h mph	0-11,7 0.0-7.3
Climbing ability, vibration on/off	%	54/59

Vibration

Vibration frequency	Hz vpm	33 1,980
Amplitude, vibration	mm in	1,89 .074
Centrifugal force, vibr.	kN lbs	279 62,775

Oscillation

Oscillation force	kN lbs	230 51,750
Oscillation frequency	Hz vpm	30 1,800
Tangential amplitude, oscillation	mm in	1,74 .069

Steering

Oscillation angle +/-	°	10
Steering, type		Articulated steering

Tank capacity/Fill capacity

Fuel tank, capacity	L Gal	290 76.6
---------------------	----------	-------------

Sound level

Sound power level L(WA), guaranteed	db(A)	108
Acoustic power L(WA), measured	db(A)	105

EQUIPMENT

Auxiliary heater | Radio | Tachograph | HCQ navigator | Protective roof | Padfoot shell | Version with additional fuel prefilter | HAMM Compaction Meter (HCM) | Speedometer | Frequency display, vibration | Back-up alarm | Telematics interface | Working light | Rotating beacon | Protective grille for lighting package | Hydraulic hose protection on front frame | Tool kit

OPTIONAL EQUIPMENT