

3K 3412 / 3412 P



Vibratory compactor

- ▶ Ergonomic driver's compartment with unobstructed visibility
- ▶ Simple, automotive style instrumentation
- ▶ Continuous hydrostatic drum and wheel drive
- ▶ High performance, turbo-charged diesel engine that meets all current EPA emission requirements
- ▶ High gradeability through automatic, no spin differential and traction control system
- ▶ Unique 3-point articulation joint
- ▶ Hydrostatic steering
- ▶ Easy maintenance and long service intervals



3412 / 3412 P



TECHNICAL DATA	3412	3412 P
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Weights			
Operating weight with ROPS/FOPS	lbs (kg)	26,411 (11980)	26,631 (12080)
Maximum weight	lbs (kg)	31,305 (14200)	31,305 (14200)
Axle load, front/rear	lbs (kg)	14,738/11,673 (6685/5295)	14,958/11,673 (6785/5295)
Load per tire, rear	lbs (kg)	5,837 (2647,5)	5,837 (2647,5)
Static linear load, front	lbs / in (kg/cm)	175 (31,2)	

Machine Dimensions			
Max. working width	in (mm)	84 (2140)	84 (2140)
Turning radius, inside	in (mm)	145 (3690)	145 (3690)
Padfoot - number of			140
Height of the padfoot	in (mm)		4 (100)
Top area of padfoot	sq. in. (cm ²)		23.6 (152)
Size of tires, rear		AW 23.1-26 12 PR	TR 23.1-26 12 PR

Diesel engine			
Manufacturer		DEUTZ	DEUTZ
Model		TCD 2012 L04 2V	TCD 2012 L04 2V
Number of cylinders		4	4
Power rat. DIN/ISO30461FN kW/HP/rpm		100,0/136,0/2300	100,0/136,0/2300
Power rating SAE J1349, HP/kW/rpm		134.0/100,0/2300	134.0/100,0/2300
Fuel tank, capacity	Gal (Ltr)	76.6 (290)	76.6 (290)

Drive			
Hydrostatic drive, front/rear		Hydraulic motor/axle	Hydraulic motor/axle
Speed, work range	mph (km/h)	0-4.0 (0-6,4)	0-4.2 (0-6,8)
Speed, transport range	mph (km/h)	0-7.4 (0-11,9)	0-7.1 (0-11,5)
Climbing ability, vibration on/off	%	56/61	60/65

Vibration system			
Hydrostatic drive			

Vibration			
Vibration frequency, low/high	vpm (Hz)	1,800/2,400 (30/40)	1,800/2,400 (30/40)
Amplitude, high/low	in (mm)	.075/.035 (1,91/0,90)	.074/.035 (1,87/0,88)
Centrifugal force, high/low	lbs (kN)	57,600/48,375 (256/215)	57,600/48,375 (256/215)

Steering			
Steering, type		Pivoted steering	Pivoted steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	Grad	35°	35°
Oscillation angle +/-	Grad	10°	10°

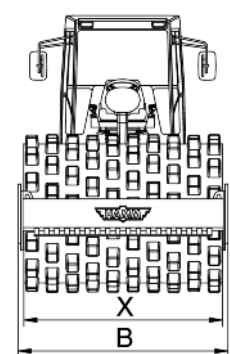
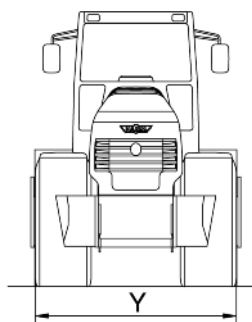
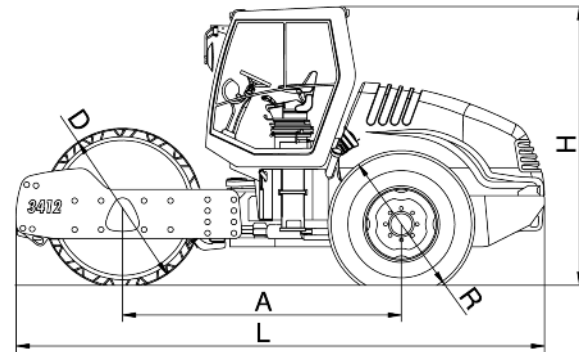
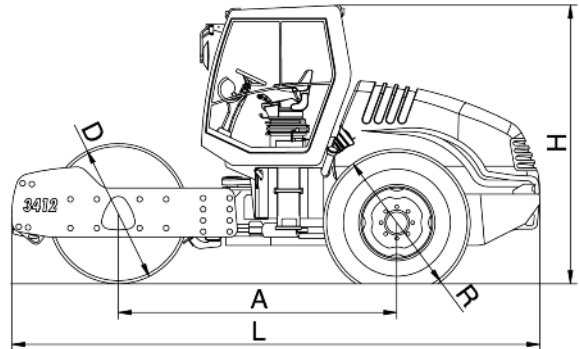
Brake system			
Service brake, mode of action		hydrostatic	hydrostatic
Service brake, actuation		Drive lever	Drive lever
Parking brake, mode of action		Spring-loaded/multi-disc	Spring-loaded/multi-disc
Parking brake, actuation		Electric and/or automatic	Electric and/or automatic
Emergency brake, mode of action		hydr./mech.	hydr./mech.
Emergency brake, actuation		Emergency stop button	Emergency stop button

Standard equipment
Suspended driving platform, access from either side. Sliding and swiveling operator's seat. 2 multifunctional drive levers. Traction control. Tilt steering wheel and instrument panel. Modern information and control display. Sound insulation. Tilttable GFK-engine hood. CE-conformity.

Optional equipment
Large capacity and comfortable ROPS cab with panoramic view, work lights, wipers front/rear, exterior and interior mirrors, heater with dust free ventilation. Air conditioning. Radio. Hamm Compaction meter. Documentation system CDS. Tachometer. Speedometer. Frequency meter. Padfoot shell kit. Strike-off blade. Special paint.

Further data on request / subject to change

3412 - Vibratory compactor
3412 P - Padfoot compactor



		3412	3412 P
Total length	L	225" (5705)	225" (5705)
Total width	B	89" (2250)	89" (2250)
Total height	H	116" (2950)	116" (2950)
Wheel base	A	119" (3015)	119" (3015)
Drum width	X	84" (2140)	84" (2140)
Drum diameter	D	59" (1504)	66" (1684)
Width over tires	Y	84" (2140)	84" (2140)
Diameter of tires	R	62" (1565)	62" (1565)

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