



3414 HT / 3414 HT P

3414 HT - Compactor with vibratory smooth roller drum

3414 HT P - Compactor with vibratory padfoot drum



- ▶ Ergonomic driver seat for perfect all-round visibility
- ▶ Clear information display
- ▶ Hammtronic electronic machine management
- ▶ Excellent hill climbing ability via self-locking differential
- ▶ 3-point swivel joint for optimum driving comfort
- ▶ Hydrostatic steering
- ▶ Optimum ease of maintenance, long service intervals



3414 HT / 3414 HT P

3414 HT - Compactor with vibratory smooth roller drum
3414 HT P - Compactor with vibratory padfoot drum



		3414 HT	3414 HT P
Weights			
Operating weight with ROPS	kg	14020	14120
Operating weight with cab	kg	14240	14340
Operating weight, max.	kg	17060	15870
Axle load, front/rear	kg	8215/6025	8315/6025
Load per tyre, rear	kg	3012,5	3012,5
Static linear load, front	kg/cm	38,4	
French classific., data/class		53,07/VM3	53,05/VPm3
Machine dimensions			
Max. working width	mm	2140	2140
Lateral overhang, left/right	mm	55/55	55/55
Ground clearance, left/right	mm	465/465	465/465
Ground clearance, centre	mm	375	375
Turning radius, inside	mm	3780	3690
Drum thickness, front	mm	30	20
Number of padfeet			140
Height of the padfeet	mm		100
Front area of padfeet	cm ²		152
Size of tyres, rear		AW 23.1-26 12 PR	TR 23.1-26 12 PR
Diesel engine			
Manufacturer		DEUTZ	DEUTZ
Type		TCD 2012 L04 2V	TCD 2012 L04 2V
Number of cylinders		4	4
Power rat. ISO 14396, kW/PS/rpm		100,0/136,0/2300	100,0/136,0/2300
Power rating SAE J1349, kW/HP/rpm		100,0/134,0/2300	100,0/134,0/2300
Emissions standard EU/USA		III A / Tier 3	III A / Tier 3
Fuel tank, capacity	L	290	290
Drive			
Hydrostatic drive, front/rear		Hydraulic motor/axle	Hydraulic motor/axle
Regulation, infinitely variable		Hammtronic/manual	Hammtronic/manual
Speed, infinitely variable	km/h	0 - 14,0	0 - 14,0
Climbing ability, vibration on/off	%	57/62	65/70
Vibration system			
Hydrostatic drive			
Vibration			
Vibration frequency, front, I/II	Hz	30/40	30/40
Amplitude, front, I/II	mm	1,95/0,90	1,90/0,90
Centrifugal force, front, I/II	kN	256/215	256/215
Steering			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	35	35
Oscillation angle +/-	°	10	10
Equipment			
Spring-mounted driver seat, Double-sided access, Seat console, can be moved and swivelled laterally, Continuously variable hydrostatic all-wheel drive, Excellent engine power with traction control, Swivelling steering and instrument console, Hammtronic – automatic traction and slip control, Engine management, Speed pre-selection, Automatic frequency control with digital display, Vibration automatic system, Information display with speed display, Vibration frequency, Diesel engine speed, Fuel level, Indicator lights, Error display, Tilttable GRP bonnet			
Optional equipment			
Spotlights, Exterior and interior mirrors, Radio, Heating with dust-free ventilation, Air conditioning, ROPS/FOPS, Sunroof, HCQ compression meter, HCQ printer, HCQ GPS compression documentation, Tachograph, Sound insulation			

Total length	L	5870	5705
Width	B	2250	2250
Total height	H	2990	3010
Wheel base	A	3060	3015
Roller drum width	X	2140	2140
Drum diameter	D	1504	1684
Width over tyres	Y	2130	2130
Diameter of tyres	R	1565	1565
Height loading, min.	HI	2325	2325

