



3414 VIO / 3414 HT VIO

3414 VIO - Compactor with VIO smooth roller drum

3414 HT VIO - Compactor with VIO smooth roller 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



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		3414 VIO	3414 HT VIO
Weights			
Operating weight	kg	14010	14010
Maximum weight	kg	15100	15100
Axle load, front/rear	kg	7965/6045	7965/6045
Load per tyre, rear	kg	3022,5	3022,5
Static linear load, front	kg/cm	37,2	37,2
Machine dimensions			
Max. working width	mm	2140	2140
Turning radius, inside	mm	3690	3690
Size of tyres, rear		AW 23.1-26 12 PR	AW 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/HP/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
Emission standard EU / USA		III / Tier 3	III / Tier 3
Drive			
Hydrostatic drive, front/rear		Hydraulic motor/axle	Hydraulic motor/axle
Regulation, infinitely variable			Hamtronic/manual
Speed, infinitely variable	km/h		0 - 14,0
Speed, working gear	km/h	0-3,7/0-5,4/0-6,0	
Speed, transportation gear	km/h	0-11,7	
Climbing ability, vibration on/off	%	50/55	58/62
Vibration system			
Hydrostatic drive			
Vibration			
Vibration frequency	Hz	33	33
Amplitude, vibration	mm	1,89	1,89
Centrifugal force, vibr.	kN	279	279
Oscillation			
Oscillation frequency	Hz	33	33
Tangential amplitude, oscillation	mm	1,74	1,74
Oscillation force	kN	279	279
Steering			
Steering, type		Pivoted steering	Pivoted steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	35	35
Oscillation angle +/-	°	10	10
Brake system			
Service brake, mode		hydrostatic	hydrostatic
Service brake, actuation		Drive lever	Drive lever
Parking brake, mode		Spring-loaded/mechanical	Spring-loaded/mechanical
Parking brake, actuation		electr. a. autom.	electr. a. autom.
Emergency brake, mode		hydr./mech.	hydr./mech.
Emergency brake, actuation		Emergency stop	Emergency stop
Equipment			
Spring-mounted driver seat, ROPS comfortable spacious cab, Double-sided access, Seat console, can be moved and swivelled laterally, Front and rear windscreen wiper, Continuously variable hydrostatic all-wheel drive, Excellent engine power with traction control, Swivelling steering and instrument console, Modern information and indicator display, Tilttable GRP bonnet, CE conformity, Lighting per German Road Traffic Regulations			
Optional equipment			
Spotlights, Exterior and interior mirrors, Radio, Heating with dust-free ventilation, Air conditioning, ROPS/FOPS, Sound insulation, Sunroof, HCQ compression meter, HCQ printer, HCQ GPS compression documentation, Tachograph			

Total length	L	5705	5705
Width	B	2250	2250
Total height	H	2990	2990
Wheel base	A	3015	3015
Roller drum width	X	2140	2140
Drum diameter	D	1504	1504
Width over tyres	Y	2130	2130
Diameter of tyres	R	1565	1565

