



H 16i / H 16i P

H 16i - Compactor with vibratory smooth roller drum

H 16i P - Compactor with vibratory padfoot drum



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



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		H 16i	H 16i P
Weights			
Operating weight with ROPS	kg	15960	16045
Operating weight with cab	kg	16150	16235
Operating weight, max.	kg	19520	19610
Axle load, front/rear	kg	10755/5395	10840/5395
Load per tyre, rear	kg	2697,5	2697,5
Static linear load, front	kg/cm	50,3	50,7
French classific., data/class		76,3/VM5	76,9/VPM5
Machine dimensions			
Max. working width	mm	2140	2140
Lateral overhang, left/right	mm	87/87	87/87
Ground clearance, left/right	mm	500/500	500/500
Ground clearance, centre	mm	400	400
Turning radius, inside	mm	4190	4190
Drum type, front		smooth/non-divided	Padfoot
Drum thickness, front	mm	45	30
Padfeet, number			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
Version		TCD 4.1 L4	TCD 4.1 L4
Number of cylinders		4	4
Power rat. ISO 14396, kW/PS/rpm		105,0/142,8/2300	105,0/142,8/2300
Power rating SAE J1349, kW/HP/rpm		105,0/140,7/2300	105,0/140,7/2300
Emissions standard EU/USA		III B / Tier 4i	III B / Tier 4i
Fuel tank, capacity	L	280	280
Drive			
Hydrostatic drive, front/rear		Wheel motor/axle	Wheel motor/axle
Regulation, infinitely variable		Hammtronic	Hammtronic
Speed, infinitely variable	km/h	0 - 14,0	0 - 14,0
Climbing ability, vibration on/off	%	55/60	65/70
Vibration			
Vibration frequency, front, I/II	Hz	28/31	28/31
Amplitude, front, I/II	mm	2,30/1,48	2,30/1,48
Centrifugal force, front, I/II	kN	328/259	328/259
Steering			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	32	32
Oscillation angle +/-	°	10	10

Equipment
Double-sided access, Spring-mounted driver's seat, Excellent engine power with traction control, Hammtronic — automatic traction and slip control, Tilttable GRP bonnet, Modern information and indicator display, Swivelling steering and instrument console, Continuously variable hydrostatic all-wheel drive

Optional equipment
Spotlights, Exterior and interior mirrors, Back-up alarm, Drive lever on both sides, Tachograph, HCQ-GPS compaction documentation system, HCQ compaction meter, Heating with dust-free ventilation, Air conditioning, Radio, Rotating beacon

Total length	L	5850	5850
Width	B	2314	2314
Total height	H	2960	2960
Wheel base	A	3062	3062
Drum width	X	2140	2140
Drum diameter	D	1504	1674
Width over tyres	Y	2160	2160
Diameter of tyres	R	1565	1565
Height loading, min.	HI	2282	2282

