



3520 HT / 3520 HT P

3520 HT - Compactor with vibratory smooth roller drum

3520 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



3520 HT / 3520 HT P

3520 HT - Compactor with vibratory smooth roller drum
3520 HT P - Compactor with vibratory padfoot drum



	3520 HT	3520 HT P
Weights		
Operating weight	kg 19800	20000
Maximum weight	kg 22500	22500
Axle load, front/rear	kg 12490/7310	12690/7310
Load per tyre, rear	kg 3655	3655
Static linear load, front	kg/cm 56,3	
Machine dimensions		
Max. working width	mm 2220	2220
Turning radius, inside	mm 4180	4180
Number of padfeet		150
Height of the padfoot	mm 100	100
Front area of padfoot		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 L06 2V	TCD 2012 L06 2V
Number of cylinders	6	6
Power rat. ISO 14396, kW/HP/rpm	155,0/210,8/2300	155,0/210,8/2300
Power rating SAE J1349, kW/HP/rpm	155,0/207,7/2300	155,0/207,7/2300
Emission standard EU / USA	III / Tier 3	III / Tier 3
Drive		
Hydrostatic drive, front/rear	Hydraulic motor/axle	Hydraulic motor/axle
Regulation, infinitely variable	Hammtronic/manual	Hammtronic/manual
Speed, infinitely variable	km/h 0 - 13,0	0 - 13,0
Climbing ability, vibration on/off	% 56/61	65/70

Vibration system

Hydrostatic drive

Vibration		3520 HT	3520 HT P
Vibration frequency, front, l/II	Hz	27/30	27/30
Amplitude, front, l/II	mm	2,00/1,19	1,93/1,15
Centrifugal force, front, l/II	kN	331/243	331/243

Steering		3520 HT	3520 HT P
Steering, type		Pivoted steering	Pivoted steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	32	32
Oscillation angle +/-	°	10	10

Brake system		3520 HT	3520 HT P
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, Front and rear windscreen wiper, Seat console, can be moved and swivelled laterally, Continuously variable hydrostatic all-wheel drive, Excellent engine power with traction control, Automatic traction and slip control, Engine management, Speed pre-selection, Automatic frequency control with digital display, 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, Sunroof, HCQ compression meter, Sound insulation, HCQ printer, HCQ GPS compression documentation, Tachograph

Total length	L	6210	6210
Width	B	2390	2390
Total height	H	2980	3050
Wheel base	A	3165	3165
Roller drum width	X	2220	2220
Drum diameter	D	1600	1784
Width over tyres	Y	2130	2130
Diameter of tyres	R	1565	1565

