



3520 / 3520 P

3520 - Compactor with vibratory smooth roller drum

3520 P - Compactor with vibratory padfoot drum

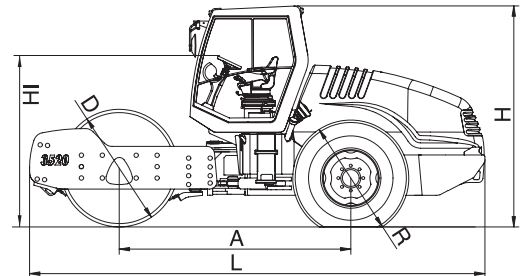
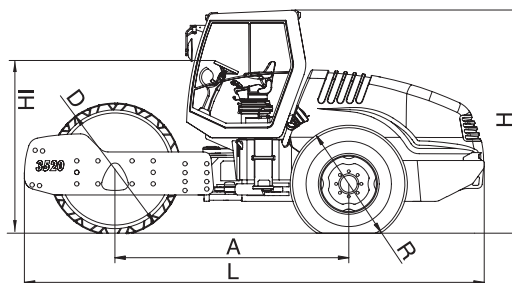
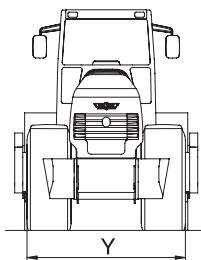
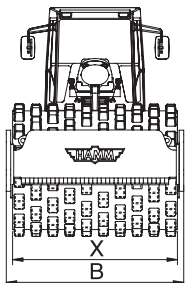


- ▶ Ergonomic driver seat for perfect all-round visibility
- ▶ Clear information display
- ▶ Excellent hill climbing ability via self-locking differential
- ▶ 3-point swivel joint for optimum driving comfort
- ▶ Hydrostatic steering
- ▶ Optimum ease of maintenance, long service intervals



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Weights		
Operating weight with ROPS	kg 19580	19780
Operating weight with cab	kg 19800	20000
Operating weight, max.	kg 23390	21730
Axle load, front/rear	kg 12490/7310	12690/7310
Load per tyre, rear	kg 3655	3655
Static linear load, front	kg/cm 56,3	
French classific., data/class	79,62/VM5	79,46/VP5
Machine dimensions		
Max. working width	mm 2220	2220
Lateral overhang, left/right	mm 85/85	85/85
Ground clearance, left/right	mm 510/510	510/510
Ground clearance, centre	mm 425	425
Turning radius, inside	mm 4435	4180
Drum thickness, front	mm 45	35
Number of padfeet		150
Height of the padfeet	mm 100	100
Front area of padfeet	cm ² 152	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/PS/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
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
Speed, working gear	km/h 0-4,2/0-5,6/0-6,7	0-3,8/0-5,3/0-5,9
Speed, transportation gear	km/h 0-11,4	0-11,1
Climbing ability, vibration on/off	% 50/55	51/56

Vibration system

Hydrostatic drive

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

Steering			
Steering, type		Articulated steering	Articulated steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	°	32	32
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, Comfort seat, manually adjustable and rotates up to +/- 60°, Swivelling steering and instrument console, Information display with operating hours display, 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, Sound insulation, HCQ GPS compression documentation, Tachograph

Total length	L	6440	6210
Width	B	2390	2390
Total height	H	2980	3050
Wheel base	A	3252	3165
Roller drum width	X	2220	2220
Drum diameter	D	1600	1784
Width over tyres	Y	2160	2160
Diameter of tyres	R	1565	1565
Height loading, min.	HI	2325	2350