

# 3K 3520 / 3520 P



## Vibratory compactor

- ▶ Ergonomic driver's compartment with unobstructed visibility
- ▶ Simple, automotive style instrumentation
- ▶ Continuous hydrostatic drum and wheel drive
- ▶ High performance, turbo-charged diesel engine that meets all current EPA emission requirements
- ▶ High gradeability through automatic, no spin differential and traction control system
- ▶ Unique 3-point articulation joint
- ▶ Hydrostatic steering
- ▶ Easy maintenance and long service intervals

# 3520 / 3520 P



TECHNICAL DATA	3520	3520 P
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Weights			
Operating weight with ROPS/FOPS	lbs (kg)	43,166 (19580)	43,607 (19780)
Maximum weight	lbs (kg)	49,603 (22500)	49,603 (22500)
Axle load, front/rear	lbs (kg)	27,535/15,631 (12490/7090)	27,976/15,631 (12690/7090)
Load per tire, rear	lbs (kg)	7,815 (3545)	7,815 (3545)
Static linear load, front	lbs / in (kg/cm)	315 (56,3)	

Machine Dimensions			
Max. working width	in (mm)	87.4 (2220)	87.4 (2220)
Turning radius, inside	in (mm)	165 (4180)	165 (4180)
Padfoot - number of		150	
Height of the padfoot	in (mm)	3.9 (100)	
Top area of padfoot	sq. in. (cm <sup>2</sup> )	23.6 (152)	
Size of tires, rear		AW 23.1-26 12 PR	TR 23.1-26 12 PR

Diesel engine			
Manufacturer		DEUTZ	DEUTZ
Model		TCD 2012 L06 2V	TCD 2012 L06 2V
Number of cylinders		6	
Power rat. DIN/ISO30461FN kW/HP/rpm		155,0/210.8/2300	155,0/210.8/2300
Power rating SAE J1349, HP/kW/rpm		207.7/155,0/2300	207.7/155,0/2300

Drive			
Hydrostatic drive, front/rear		Hydraulic motor/axle	Hydraulic motor/axle
Speed, work range	mph (km/h)	0-4.2 (0-6,7)	0-3.7 (0-5,9)
Speed, transport range	mph (km/h)	0-7.0 (0-11,4)	0-6.9 (0-11,1)
Climbing ability, vibration on/off	%	43/48	48/53

Vibration system			
Hydrostatic drive			

Vibration			
Vibration frequency, low/high	vpm (Hz)	1,620/1,800 (27/30)	1,620/1,800 (27/30)
Amplitude, high/low	in (mm)	.077/.045 (1,95/1,15)	.075/.045 (1,90/1,15)
Centrifugal force, high/low	lbs (kN)	74,475/54,675 (331/243)	74,475/54,675 (331/243)

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

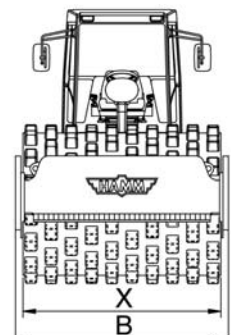
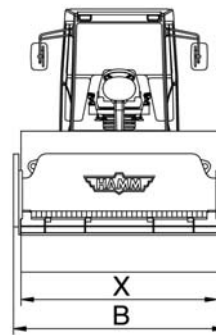
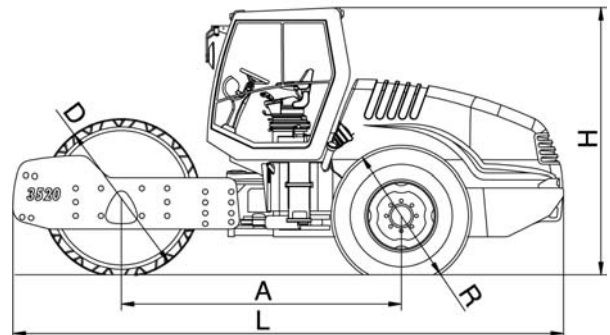
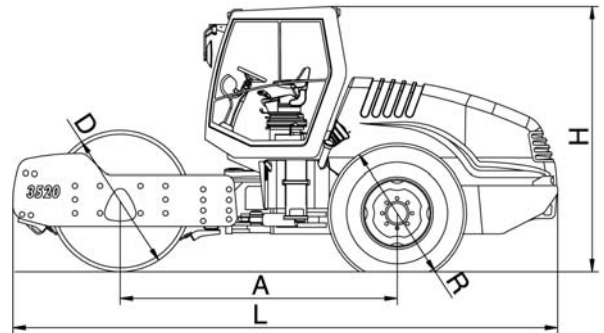
Brake system			
Service brake, mode of action		hydrostatic	hydrostatic
Service brake, actuation		Drive lever	Drive lever
Parking brake, mode of action		Spring-loaded/multi-disc	Spring-loaded/multi-disc
Parking brake, actuation		Electric and/or automatic	Electric and/or automatic
Emergency brake, mode of action		hydr./mech.	hydr./mech.
Emergency brake, actuation		Emergency stop button	Emergency stop button

Equipment			
Suspended driving platform, access from either side. Sliding and swiveling operator's seat. 2 multifunctional drive levers. Traction control. Tilt steering wheel and instrument panel. Modern information and control display. Sound insulation. Tilttable GFK-engine hood. CE-conformity.			

**Optional**  
 Large capacity and comfortable ROPS cab with panoramic view with work lights, wipers front/rear, exterior and interior mirrors, radio and heater with dust free ventilation. Air conditioning. ROPS/FOPS. Hamm Compaction meter. Documentation system CDS. Tachometer. Speedometer. Frequency meter. Padfoot shell kit. Strike-off blade. Special paint.

Further data on request / subject to change

3520 - Vibratory compactor  
 3520 P - Padfoot compactor



		3520	3520 P
Total length	L	244.5" (6210)	244.5" (6210)
Total width	B	94" (2390)	94" (2390)
Total height	H	117.5" (2985)	117.5" (2985)
Wheel base	A	124.6" (3165)	124.6" (3165)
Drum width	X	87.4" (2220)	87.4" (2220)
Drum diameter	D	63" (1600)	70.2" (1784)
Width over tires	Y	83.9" (2130)	83.9" (2130)
Diameter of tires	R	61.6" (1565)	61.6" (1565)

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**WIRTGEN AMERICA - HAMM COMPACTION DIVISION**

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