



HD+ 90 VT / HD+ 110 VT

HD+ 90 VT - Articulated combination roller with vibratory drum

HD+ 110 VT - Articulated combination roller with vibratory drum



- ▶ Ergonomic operator's compartment with access from either the left or right side
- ▶ A full 180° rotating operator's station with swiveling seat and tilt steering wheel
- ▶ Excellent visibility to the drum surface, drum edges and work areas
- ▶ 6.7" offset to either left or right side
- ▶ Hydrostatic drum and tires drive, infinitely variable
- ▶ High performance, turbo-charged diesel engine that meets all current EPA emission requirements
- ▶ Dual pump water system with all spray nozzles clearly visible from the operator's seat
- ▶ Electronic engine management system and adjustable, automatic speed control

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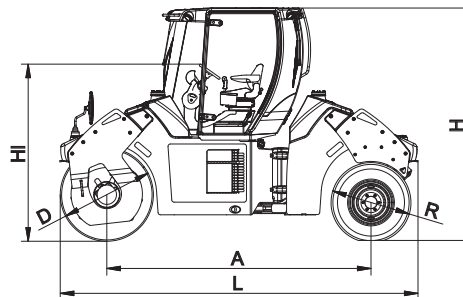
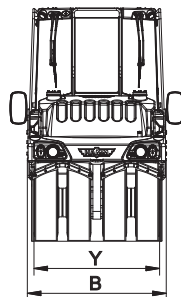


		HD+ 90 VT	HD+ 110 VT
Weights			
Operating weight with ROPS/FOPS	lbs (kg)	19,371 (8785)	21,300 (9660)
Maximum weight	lbs (kg)	26,901 (12200)	29,327 (13300)
Axle load, front/rear	lbs (kg)	10,266 / 9,105 (4656 / 4129)	11,715 / 9,585 (5313 / 4347)
Load per tire, rear	lbs (kg)	2,276 (1032)	2,396 (1087)
Static linear load, front	lbs / in (kg/cm)	155 (27,7)	177.5 (31,6)
Machine Dimensions			
Drum width	in (mm)	66 (1680)	66 (1680)
Maximum working width	in (mm)	71.6 (1820)	71.6 (1820)
Turning radius, inside	in (mm)	206.7 (5250)	206.7 (5250)
Size of tires, rear		11.00-20	11.00-20
Diesel engine			
Manufacturer		DEUTZ	DEUTZ
Model		TCD 2012 L04 2V	TCD 2012 L04 2V
Number of cylinders		4	4
Power rating DIN/ISO30461FN kW/HP/rpm		100,0/136.0/2300	100,0/136.0/2300
Power rating SAE J1349, HP/kW/rpm		134.0/100,0/2300	134.0/100,0/2300
Fuel tank, capacity	Gal (Ltr)	40 (150)	40 (150)
Drive			
Hydrostatic drive, front/rear		Hydr. motor/hydr. motor	Hydr. motor/hydr. motor
Speed, infinitely variable	mph (km/h)	0-7.5 (0-12,0)	0-6.8 (0-11,0)
Climbing ability, vibration on/off	%	30/40	30/40
Vibration system			
Hydrostatic drive			
Vibration			
Vibration frequency, front, low/high	vpm (Hz)	2,520 / 3,000 (42 / 50)	2,520 / 3,000 (42 / 50)
Amplitude, front, high/low	in (mm)	.024 / .013 (0,62 / 0,34)	.032 / .018 (0,81 / 0,47)
Centrifugal force, front, low/high	lbs (kN)	16,875 / 13,500 (75 / 60)	27,000 / 22,275 (120 / 99)
Steering			
Steering, type		Pivoted steering	Pivoted steering
Steering, actuation		hydrostatic, steering wheel	hydrostatic, steering wheel
Steering angle +/-	Grad	30	30
Oscillation angle +/-	Grad	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		Electric and/or automatic	Electric and/or automatic
Emergency brake, mode		hydr./mech	hydr./mech
Emergency brake, actuation		Emergency stop button	Emergency stop button
Sprinkler system			
Water sprinkler, type		Pressure	Pressure
Actuation, sprinkling		interval/manual	interval/manual
Water tank, capacity	Gal (Ltr)	220 (834)	220 (834)
Additive sprinkling, type		Pressure	Pressure
Actuation, additive sprinkling		Push button	Push button
Additive tank, capacity	Gal (Ltr)	5.8 (22)	5.8 (22)

Standard equipment
 Suspended operator's platform, swiveling and rotating operator's seat, 2 multifunctional levers, left and right at seat, indicators for: engine coolant temperature, working hours, fuel level, hydraulic oil temperature, water level in tanks, speedometer, vibration frequency, control lights and emergency stop button. 2 work lights, front and rear, turn signals, flashers and drum edge lights. Seat belt, back-up alarm and main battery switch. 6.7" hydraulic offset to either side. Independent amplitude and frequency adjustment. Adjustable, automatic speed control. Electronic engine management system. Tachometer. 2 mirrors, front mounted. CE-conformity.

Optional equipment
 Panoramic ROPS cab with: heater, defroster, dust-free ventilation, interior lighting, front and rear wipers, front and rear work lights and interior mirror. Air conditioning. Radio. Edge pressing and cutting equipment. Special paint. Asphalt temperature gauge. ROPS/FOPS mounted night paving lights, 4 or 6, quartz halogen or Xenon. HCQ-asphalt compaction meter.

Total length	L	181" (4600)	181" (4600)
Total width	B	70.5" (1790)	70.5" (1790)
Total height	H	122" (3100)	122" (3100)
High loading min.	Hi	86" (2185)	86" (2185)
Wheel base	A	133.8" (3400)	133.8" (3400)
Drum width	X	66" (1680)	66" (1680)
Drum diameter	D	48" (1200)	48" (1200)
Width over tires	Y	63.8" (1620)	63.8" (1620)
Diameter of tires	R	40.5" (1030)	40.5" (1030)



WIRTGEN AMERICA - HAMM COMPACTION DIVISION

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