HAMM

Technical data

HD 109i VV

Tandem rollers Series HD
Tandem roller with two vibrating roller drums

H280

HIGHLIGHTS

> CEV Stage IV engine technology with best in class power and eco-friendly technology
> 3-point articulation for even weight distribution and excellent on-centre feel
> Easy serviceability
> Intuitive and language-neutral operation
> Ergonomic driver platform
> Excellent view of the machine and the construction site
> Intelligent water sprinkler system

TECHNICAL DATA HD 109i VV (H280)

Weights		
Operating weight with sunroof	kg	10070
Max. operating weight	kg	10530
Axle load, front/rear	kg	5090/4980
Static linear load, front/rear	kg/cm	30,3/29,6
French classification, value/class		24,6/VT1
Machine dimensions		
Total length	mm	4810
Total height	mm	3027
Height loading, min.	mm	2660
Centre distance	mm	3510
Total width	mm	1928
Maximum working width	mm	1780
Ground clearance, centre	mm	343
Kerb clearance, left/right	mm	705/705
Turning radius, inside	mm	4151
Drum dimensions		
Drum width, front/rear	mm	1680/1680
Drum diameter, front/rear	mm	1200/1200
Drum thickness, front/rear	mm	17/17
Drum type, front		Smooth
Drum type, rear		Smooth
Track offset, left/right	mm	100
Diesel engine		
Manufacturer		JOHN DEERE
Model		EWX 2.9
Cylinders, quantity		3
Power ISO 14396, kW/PS/rpm		55/75/2200
Power SAE J1349, kW/HP/rpm		55/74/2200
Exhaust emission standard		CEV IV
Exhaust gas after-treatment		DOC-DPF
Travel drive		
Speed, working gear	km/h	0-7
Speed, transport gear	km/h	0-13,8
Gradeability, with/without vibration	%	25/35
Vibration		
Vibration frequency, front, I/II	Hz	42/50
Vibration frequency, rear, I/II	Hz	42/50
Amplitude, front, I/II	mm	0,66/0,37
Amplitude, rear, I/II	mm	0,66/0,37
Centrifugal force, front, I/II	kN	75/60
Centrifugal force, rear, I/II	kN	75/60
Steering		
Swing angle +/-	°	10
Steering, type		Articulated steering
Water-sprinkling system		
Water sprinkling, type		Pressure

Tank capacity/filling capacity		
Fuel tank, capacity	L	156
Water tank, capacity	L	700
Sound level		
Sound power level L(WA), guaranteed	db(A)	
Sound power level L(WA), representative measurement	db(A)	107

EQUIPMENT

Left/right handrails | Driver's platform with entry from both sides | Seat operating unit, rotatable | One drive lever | Switchable amplitude: Big/small | Vibration front and rear, single and double, switchable | Battery isolation switch | Water level display | Seat belt with belt retractor | Plastic protective roof, reinforced with fibre glass and folding

OPTIONAL EQUIPMENT

Version with track offset | Metal protective roof on ROPS (FOPS, level I) | Auxiliary water pump | Edge pressing and cutting equipment | Cutting disc | Speedometer | HAMM Temperature Meter (HTM) | ICS system | Rotating beacon