

Technical data

HD+ 110i VV



Tandem rollers Series HD+

andem roller with two vibrating roller drums

H273

HIGHLIGHTS

- > Track offset for comfortable start up, moving away and compacting at curb edges
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Operating concept Easy Drive
- > Electronic machine management Hammtronic
- > Excellent view of the machine and the construction site

TECHNICAL DATA HD+ 110i VV (H273)

Operating weight with cab Operating weight with ROPS Empty weight without cab, without ROPS Max. operating weight Ale load, front/rear Static linear load, front/rear French classification, value/class Machine dimensions Total length Total height with ROPS Maximum working width Maximum working width Ground clearance, centre Machine dimensions Total width with cab Maximum working width Maximum working width Ground clearance, centre Merb clearance, left/right Turning radius, inside Drum dimensions Drum width, front/rear Drum thickness, front/rear Track offset, left/right Track offset, left/right Model Cylinders, quantity Power SAE J1349, kW/HP/rpm Exhaust emission standard Exhaust emission standard Exhaust emission standard Cyloration Vibration Vibration Vibration Vibration Vibration Vibration Vibration Swoin Jave 10 Vibration Vibration Vibration Vibration Swoin Jave 10 Vibration Vice of 10 Vibration Vice of 10 Vibration Vice of 10 Vibration Vice of 10	Weights		
Empty weight without cab, without ROPS Max. operating weight Axle load, front/rear kg 5305/5125 Static linear load, front/rear kg/cm 31,6/30,5 French classification, value/class Machine dimensions Total length mm 4900 Total height with cab mm 2980 Total height with ROPS mm 3030 Height loading, min. mm 2150 Centre distance mm 1800 Maximum working width mm 1850 Ground clearance, centre mm 340 Kerb clearance, left/right mm 800/800 Turning radius, inside mm 1680/1680 Drum dimensions Drum width, front/rear mm 1680/1680 Drum dimensions Drum thickness, front/rear mm 1200/1200 Drum thickness, front/rear mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3,6 L4 Cylinders, quantity Power IsO 14396, kW/PS/rpm 85,0/113,9/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable Km/h 0 - 10,0 Regulation, infinitely variable Gradeability, with/without witoration Vibration Vibration Vibration Frequency, front, I/II Hz 42/50 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- ° 10	Operating weight with cab	kg	10430
without ROPS Rg 3533 Max. operating weight kg 12870 Axle load, front/rear kg 5305/5125 Static linear load, front/rear kg/cm 31,6/30,5 French classification, value/class 28,8/VT2 Machine dimensions Total length mm 4900 Total height with cab mm 2980 Total height with ROPS mm 3030 Height loading, min. mm 2150 Centre distance mm 3700 Total width with cab mm 1800 Maximum working width mm 1850 Ground clearance, centre mm 340 Kerb clearance, left/right mm 6050 Drum dimensions mm 6050 Drum dimensions mm 1680/1680 Drum dimensions mm 1200/1200 Drum dimensions mm 1200/1200 Drum dimensions prum dimensions mm 1200/1200 Drum dimensions <t< td=""><td>Operating weight with ROPS</td><td>kg</td><td>10260</td></t<>	Operating weight with ROPS	kg	10260
Axle load, front/rear Static linear load, front/rear French classification, value/class Machine dimensions Total length mm 4900 Total height with cab mm 2980 Total length mm 2950 Height loading, min. mm 2150 Centre distance mm 3700 Total width with cab mm 1800 Maximum working width mm 1850 Ground clearance, centre mm 30080 Turning radius, inside mm 6050 Drum dimensions Drum width, front/rear mm 1680/1680 Drum diameter, front/rear mm 1200/1200 Drum type, front Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Exhaust emission standard EV Stage V / EPA Tier 4 Exhaust gas after-treatment Travel drive Speed, infinitely variable Gradeability, with/without vibration Vibration Frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Swing angle +/- ° 10	Empty weight without cab, without ROPS	kg	9430
Static linear load, front/rear kg/cm 31,6/30,5 French classification, value/class Machine dimensions Total length mm 4900 Total height with cab mm 2980 Height loading, min. mm 2150 Centre distance mm 3700 Total width with cab mm 1800 Maximum working width mm 1850 Ground clearance, centre mm 340 Kerb clearance, left/right mm 800/800 Turning radius, inside mm 1680/1680 Drum dimensions Drum width, front/rear mm 1680/1680 Drum diameter, front/rear mm 1200/1200 Drum type, front Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/115,6/2300 Exhaust emission standard Exhaust gas after-treatment Travel drive Speed, infinitely variable Regulation, infinitely variable Gradeability, with/without vibration Vibration Vibration Vibration frequency, rear, I/II mm 0,86/0,49 Amplitude, front, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- ° 10	Max. operating weight	kg	12870
French classification, value/class Machine dimensions Total length mm 4900 Total height with cab mm 2980 Height loading, min. mm 2150 Centre distance mm 3700 Total width with cab mm 1800 Maximum working width mm 1850 Ground clearance, centre mm 340 Kerb clearance, left/right mm 800/800 Turning radius, inside mm 1680/1680 Drum dimensions Drum width, front/rear mm 1680/1680 Drum diameter, front/rear mm 22/22 Drum type, front Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/115,6/2300 Exhaust emission standard Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable km/h 0 - 10,0 Regulation, infinitely variable Gradeability, with/without vibration Vibration Vibration Vibration Vibration frequency, rear, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Axle load, front/rear	kg	5305/5125
Machine dimensions Total length mm 4900 Total height with Cab mm 2980 Total height with ROPS mm 3030 Height loading, min. mm 2150 Centre distance mm 1800 Maximum working width mm 1850 Ground clearance, centre mm 340 Kerb clearance, left/right mm 800/800 Turning radius, inside mm 1680/1680 Drum dimensions Drum width, front/rear mm 1200/1200 Drum thickness, front/rear mm 1200/1200 Drum type, front Smooth/non-split Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable Km/h 0 - 10,0 Regulation, infinitely variable Gradeability, with/without wibration Vibration Vibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- ° 10	Static linear load, front/rear	kg/cm	31,6/30,5
Total length mm 4900 Total height with cab mm 2980 Total height with ROPS mm 3030 Height loading, min. mm 2150 Centre distance mm 3700 Total width with cab mm 1800 Maximum working width mm 1850 Ground clearance, centre mm 340 Kerb clearance, left/right mm 800/800 Turning radius, inside mm 1680/1680 Drum dimensions Drum width, front/rear mm 1680/1680 Drum diameter, front/rear mm 1200/1200 Drum thickness, front/rear mm 22/22 Drum type, front Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/113,9/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable Regulation, infinitely variable Gradeability, with/without wibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10			28,8/VT2
Total height with cab Total height with ROPS Total height with ROPS Height loading, min. Centre distance Total width with cab Maximum working width Maximum working Maximum working width Maximum working Maximum workinal Maximum working Maximum working Maximum working Maximum working Maximum working	Machine dimensions		
Total height with ROPS mm 3030 Height loading, min. mm 2150 Centre distance mm 3700 Total width with cab mm 1800 Maximum working width mm 1850 Ground clearance, centre mm 340 Kerb clearance, left/right mm 800/800 Turning radius, inside mm 6050 Drum dimensions Drum width, front/rear mm 1680/1680 Drum diameter, front/rear mm 1200/1200 Drum thickness, front/rear mm 22/22 Drum type, front Smooth/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/113,9/2300 Exhaust emission standard Eu Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable km/h 0 - 10,0 Regulation, infinitely variable Gradeability, with/without vibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Total length	mm	4900
Height loading, min. Centre distance Total width with cab Maximum working width Ground clearance, centre mm 1850 Ground clearance, centre mm 340 Kerb clearance, left/right Turning radius, inside mm 6050 Drum dimensions Drum width, front/rear Drum diameter, front/rear Drum tickness, front/rear Drum type, front Drum type, rear Track offset, left/right Track offset, left/right Model Cylinders, quantity Power ISO 14396, kW/PS/rpm Power SAE J1349, kW/HP/rpm Exhaust emission standard Exhaust gas after-treatment Travel drive Speed, infinitely variable Gradeability, with/without vibration Vibration Vibration frequency, front, I/II Amplitude, front, I/II Amplitude, rear, I/II Amplitude, rear, I/II Mn 120/99 Steering Swing angle +/- o 10	Total height with cab	mm	2980
Centre distance Total width with cab Maximum working width Maximum Max	Total height with ROPS	mm	3030
Total width with cab mm 1800 Maximum working width mm 1850 Ground clearance, centre mm 340 Kerb clearance, left/right mm 800/800 Turning radius, inside mm 6050 Drum dimensions Drum width, front/rear mm 1200/1200 Drum thickness, front/rear mm 22/22 Drum type, front Smooth/non-split Smooth/non-split Drum type, rear Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/113,9/2300 Exhaust emission standard EV Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without wibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, rear, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- ° 10	Height loading, min.	mm	2150
Maximum working width mm 1850 Ground clearance, centre mm 340 Kerb clearance, left/right mm 800/800 Turning radius, inside mm 6050 Drum dimensions Drum width, front/rear mm 1680/1680 Drum diameter, front/rear mm 1200/1200 Drum thickness, front/rear mm 22/22 Drum type, front Smooth/non-split Smooth/non-split Drum type, rear Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/113,9/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without wibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, rear, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- ° 10	Centre distance	mm	3700
Ground clearance, centre mm 800/800 Turning radius, inside mm 6050 Drum dimensions Drum width, front/rear mm 1680/1680 Drum diameter, front/rear mm 1200/1200 Drum thickness, front/rear mm 22/22 Drum type, front Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/113,9/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable Km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without vibration Vibration Vibration frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Total width with cab	mm	1800
Kerb clearance, left/right mm 800/800 Turning radius, inside mm 6050 Drum dimensions Drum width, front/rear mm 1200/1200 Drum thickness, front/rear mm 22/22 Drum type, front Smooth/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/113,9/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable Km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without wibration Vibration Vibration frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II mm 0,86/0,49 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Maximum working width	mm	1850
Turning radius, inside mm 6050 Prum dimensions Drum width, front/rear mm 1680/1680 Drum diameter, front/rear mm 1200/1200 Drum thickness, front/rear mm 22/22 Drum type, front Smooth/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/113,9/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without vibration Vibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/-	Ground clearance, centre	mm	340
Drum dimensions Drum width, front/rear mm 1680/1680 Drum diameter, front/rear mm 1200/1200 Drum thickness, front/rear mm 22/22 Drum type, front Smooth/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/113,9/2300 Exhaust emission standard Eu Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without vibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- ° 10	Kerb clearance, left/right	mm	800/800
Drum width, front/rear mm 1680/1680 Drum diameter, front/rear mm 1200/1200 Drum thickness, front/rear mm 22/22 Drum type, front Smooth/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/113,9/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable Km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without vibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- ° 10	Turning radius, inside	mm	6050
Drum thickness, front/rear mm 22/22 Drum type, front Smooth/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/113,9/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable Km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without wibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- ° 10	Drum dimensions		
Drum thickness, front/rear Drum type, front Drum type, rear Track offset, left/right Manufacturer Model Cylinders, quantity Power ISO 14396, kW/PS/rpm Exhaust emission standard Exhaust gas after-treatment Travel drive Speed, infinitely variable Gradeability, with/without vibration Vibration Vibration Vibration Vibration Vibration Prover Gront, I/II Amplitude, rear, I/II Amplitude, rear, I/II Cylinders, front, I/II Amplitude, rear, I/II Centrifugal force, rear, I/II Cylinders, front, I/II Cylinders, f	Drum width, front/rear	mm	1680/1680
Drum type, front Drum type, rear Track offset, left/right Manufacturer Model Cylinders, quantity Power ISO 14396, kW/PS/rpm Power SAE J1349, kW/HP/rpm Exhaust emission standard Exhaust gas after-treatment Travel drive Speed, infinitely variable Gradeability, with/without vibration Vibration Vibration Vibration frequency, front, I/II Amplitude, rear, I/II Amplitude, rear, I/II Centrifugal force, rear, I/II KN 170 Smooth/non-split Smooth/soft a started ball started ball Smooth/soft a started ball Started	Drum diameter, front/rear	mm	1200/1200
Drum type, rear Track offset, left/right Track offset, left/right Diesel engine Manufacturer Model Cylinders, quantity Power ISO 14396, kW/PS/rpm Power SAE J1349, kW/HP/rpm Exhaust emission standard Exhaust gas after-treatment Travel drive Speed, infinitely variable Gradeability, with/without vibration Vibration Vibration Vibration frequency, front, I/II Amplitude, front, I/II Amplitude, rear, I/II Centrifugal force, rear, I/II Centrifugal force, rear, I/II Self-Travel with mm DEUTZ TCD 3.6 L4 4 4 4 4 4 4 4 4 4 4 4 4	Drum thickness, front/rear	mm	22/22
Track offset, left/right mm 170 Diesel engine Manufacturer DEUTZ Model TCD 3.6 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 85,0/115,6/2300 Power SAE J1349, kW/HP/rpm 85,0/113,9/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without wibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- ° 10	Drum type, front		Smooth/non-split
Diesel engine Manufacturer Model Cylinders, quantity Power ISO 14396, kW/PS/rpm Power SAE J1349, kW/HP/rpm Exhaust emission standard Exhaust gas after-treatment Travel drive Speed, infinitely variable Gradeability, with/without vibration Vibration Vibration Vibration frequency, front, I/II Amplitude, front, I/II Amplitude, rear, I/II Centrifugal force, rear, I/II KN 120/99 Steering Swing angle +/- DEUTZ DEUTZ DEUTZ DEUTZ DEUTZ TCD 3.6 L4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Drum type, rear		Smooth/non-split
Manufacturer Model Cylinders, quantity Power ISO 14396, kW/PS/rpm Power SAE J1349, kW/HP/rpm Exhaust emission standard Exhaust gas after-treatment Travel drive Speed, infinitely variable Gradeability, with/without vibration Vibration Vibration Vibration frequency, front, I/II Amplitude, front, I/II Amplitude, rear, I/II Amplitude, froce, front, I/II Centrifugal force, rear, I/II KN 120/99 Steering Swing angle +/- Power ISO 1.6 L4 TCD 3.6 L4 Ad BEU Stage V / EPA Tier 4 BEOC-DPF-SCR EU Stage V / EPA Tier 4 DOC-DPF-SCR HAMMTRONIC 34/39 Vibration Full Hz 42/50 Advantation frequency, front, I/II Amplitude, front, I/II Amplitude, front, I/II Amplitude, rear, I/II Amplitude, rear, I/II Amplitude, rear, I/II Amplitude, rear, I/II Amplitude, force, front, I/II Amplitude, force, f	Track offset, left/right	mm	170
Model Cylinders, quantity Power ISO 14396, kW/PS/rpm Power SAE J1349, kW/HP/rpm Exhaust emission standard Exhaust gas after-treatment Travel drive Speed, infinitely variable Gradeability, with/without vibration Vibration Vibration Vibration frequency, front, I/II Hz Amplitude, front, I/II Mm Amplitude, rear, I/II Mm Centrifugal force, front, I/II kN Centrifugal force, rear, I/II kN Cent	Diesel engine		
Cylinders, quantity Power ISO 14396, kW/PS/rpm Power SAE J1349, kW/HP/rpm Exhaust emission standard Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable Gradeability, with/without vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II kN 120/99 Steering Swing angle +/- Seus Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF-SCR EU Stage V / EPA Tier 4 EU Stage V / EPA Tier 4 DOC-DPF-SCR HAMMTRONIC 44/50 HAMMTRONIC 42/50 Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- O 10	Manufacturer		DEUTZ
Power ISO 14396, kW/PS/rpm Power SAE J1349, kW/HP/rpm Exhaust emission standard Exhaust gas after-treatment Travel drive Speed, infinitely variable Gradeability, with/without vibration Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- 85,0/115,6/2300 85,0/113,9/2300 EU Stage V / EPA Tier 4 DOC-DPF-SCR HAMMTRONIC 34/39 HAMMTRONIC 42/50 42/50 42/50 42/50 Amplitude, rear, I/II mm 0,86/0,49 120/99 Steering Swing angle +/- ° 10	Model		TCD 3.6 L4
Power SAE J1349, kW/HP/rpm Exhaust emission standard Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable Regulation, infinitely variable Gradeability, with/without vibration Vibration Vibration frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- e 10	Cylinders, quantity		4
Exhaust emission standard Exhaust gas after-treatment DOC-DPF-SCR Travel drive Speed, infinitely variable Regulation, infinitely variable Gradeability, with/without vibration Vibration Vibration frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II kN 120/99 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- Suing angle +/- Swing angle +/-	Power ISO 14396, kW/PS/rpm		85,0/115,6/2300
Exhaust gas after-treatment Travel drive Speed, infinitely variable km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without wibration Vibration Vibration frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Steering Swing angle +/- o 10	Power SAE J1349, kW/HP/rpm		85,0/113,9/2300
Travel drive Speed, infinitely variable km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without wibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Exhaust emission standard		EU Stage V / EPA Tier 4
Speed, infinitely variable km/h 0 - 10,0 Regulation, infinitely variable HAMMTRONIC Gradeability, with/without wibration % 34/39 Vibration Vibration Frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Exhaust gas after-treatment		DOC-DPF-SCR
Regulation, infinitely variable Gradeability, with/without vibration Vibration Vibration frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Travel drive		
Gradeability, with/without vibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Speed, infinitely variable	km/h	0 - 10,0
Vibration Vibration Vibration Vibration frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Regulation, infinitely variable		HAMMTRONIC
Vibration frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10		%	34/39
Vibration frequency, rear, I/II Hz 42/50 Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Vibration		
Amplitude, front, I/II mm 0,86/0,49 Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Vibration frequency, front, I/II	Hz	42/50
Amplitude, rear, I/II mm 0,86/0,49 Centrifugal force, front, I/II kN 120/99 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Vibration frequency, rear, I/II	Hz	42/50
Centrifugal force, front, I/II kN 120/99 Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Amplitude, front, I/II	mm	0,86/0,49
Centrifugal force, rear, I/II kN 120/99 Steering Swing angle +/- ° 10	Amplitude, rear, I/II	mm	0,86/0,49
Steering Swing angle +/- ° 10	Centrifugal force, front, I/II	kN	120/99
Swing angle +/- ° 10	Centrifugal force, rear, I/II	kN	120/99
Swiring arright +7-	Steering		
Steering, type Articulated steering	Swing angle +/-	٥	10
	Steering, type		Articulated steering

Water-sprinkling system			
Water sprinkling, type		Pressure	
Tank capacity/filling capacity			
Fuel tank, capacity	L	173	
AdBlue/SCR reducing agent tank, capacity	L	20	
Water tank, capacity	L	760	
Sound level			
Sound power level L(WA), guaranteed	db(A)	107	
Sound power level L(WA), representative measurement	db(A)	103	

EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Folding scraper | Easy Drive operating concept | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Speed-controlled water sprinkling | Speed preselect | Vibration-isolated driver's platform | Water-sprinkling system with spray bars front and rear | Track offset, hydraulic | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet

OPTIONAL EQUIPMENT

Heating and air conditioning | Tachograph | HCQ Navigator | Dashboard cover | Automatic engine-off function | HAMM Temperature Meter (HTM) | Track offset display | Back-up alarm (reversing) | Rotating beacon | Coming home lighting | Locking device | Edge pressing and cutting equipment | HCQ compaction meter

