

**Technical data** 

# **HD+ 70i VV**



**Tandem rollers Series HD+** 

andem roller with two vibrating roller drums

H302

## **HIGHLIGHTS**

- > Operating concept Easy Drive
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Innovative cabin concept for optimal visibility and high comfort
- > Seat operating unit can be moved and rotated
- > Digital ready

### **TECHNICAL DATA HD+ 70i VV (H302)**

Operating weight with cab         kg         7445           Operating weight with ROPS         kg         7265           Empty weight without cab, without ROPS         kg         6550           Max. operating weight         kg         10050           Axle load, front/rear         kg         3755/3690           Static linear load, front/rear         kg/cm         25,03/24,60           French classification, value/class         18,92/VTO           Machine dimensions           Total length         mm         4480           Total height with cab         mm         2890           Total height with ROPS         mm         2970           Height loading, min.         mm         2080           Centre distance         mm         3340           Total width with cab         mm         1790           Maximum working width         mm         1635           Ground clearance, centre         mm         340           Kerb clearance, left/right         mm         750/750           Turning radius, inside         mm         1500/1500           Drum dimensions         Drum dimensions           Drum width, front/rear         mm         1500/1500           Drum thickness,	Weights		
Empty weight without cab, without ROPS         kg         6550           Max. operating weight without ROPS         kg         10050           Axle load, front/rear         kg         3755/3690           Static linear load, front/rear         kg/cm         25,03/24,60           French classification, value/class         18,92/VTO           Machine dimensions           Total leight with ab         mm         2890           Total height with ROPS         mm         2970           Height loading, min.         mm         2970           Height loading, min.         mm         2970           Height with ROPS         mm         2970           Height loading, min.         mm         2980           Centre distance         mm         3340           Total width with cab         mm         1790           Maximum working width         mm         1635           Ground clearance, centre         mm         340           Kerb clearance, left/right         mm         750/750           Turning radius, inside         mm         4230           Drum dimensions         Drum dimensions           Drum dimensions         Drum thickness, front/rear         mm         17/17	Operating weight with cab	kg	7445
without ROPS         kg         6530           Max. operating weight         kg         3755/3690           Static linear load, front/rear         kg         3755/3690           Static linear load, front/rear         kg/cm         25,03/24,60           French classification, value/class         18,92/VTO           Machine dimensions           Total length         mm         4480           Total height with cab         mm         2890           Total height with ROPS         mm         2970           Height loading, min.         mm         2080           Centre distance         mm         3340           Total width with cab         mm         1790           Maximum working width         mm         1635           Ground clearance, centre         mm         340           Kerb clearance, left/right         mm         750/750           Turning radius, inside         mm         1500/1500           Drum dimensions         Drum dimensions           Drum dimensions         1140/1140           Drum dimeter, front/rear         mm         17/17           Drum type, front         Smooth/non-split           Drum type, front         Smooth/non-split	Operating weight with ROPS	kg	7265
Axle load, front/rear kg 3755/3690 Static linear load, front/rear kg/cm 25,03/24,60 French classification, value/class  Machine dimensions Total length mm 4480 Total height with cab mm 2890 Total height with ROPS mm 2970 Height loading, min. mm 2080 Centre distance mm 3340 Total width with cab mm 1790 Maximum working width mm 1635 Ground clearance, centre mm 340 Kerb clearance, left/right mm 750/750 Turning radius, inside mm 1500/1500 Drum dimensions  Drum width, front/rear mm 1140/1140 Drum thickness, front/rear mm 17/17 Drum type, front Smooth/non-split Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ Model TCD 2.9 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 55,4774,2/2300 Exhaust emission standard EV Stage V / EPA Tier 4 Exhaust gas after-treatment  Travel drive  Speed, infinitely variable km/h 0 - 9,7 Regulation, infinitely variable Gradeability, with/without wibration Vibration Vibration frequency, front, level I/II mm 0,60/0,35 Amplitude, rear, level I/II mm 0,60/0,35 Amplitude, rear, level I/II mm 0,60/0,35 Amplitude, rear, level I/II mm 0,60/0,35 Entrifugal force, front, level I/II Centrifugal force, rear, level	Empty weight without cab, without ROPS	kg	6550
Static linear load, front/rear kg/cm 25,03/24,60 French classification, value/class  Total length mm 4480 Total height with cab mm 2890 Total height with ROPS mm 2970 Height loading, min. mm 2080 Centre distance mm 3340 Total width with cab mm 1790 Maximum working width mm 1635 Ground clearance, centre mm 340 Kerb clearance, left/right mm 750/750 Turning radius, inside mm 4230  Drum dimensions  Drum width, front/rear mm 1500/1500 Drum diameter, front/rear mm 1140/1140 Drum thickness, front/rear mm 17/17 Drum type, front Drum type, rear Smooth/non-split Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ Model TCD 2.9 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 55,4/75,3/2300 Exhaust emission standard EV Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF  Travel drive Speed, infinitely variable Rm/h 0 - 9,7 Regulation, infinitely variable Gradeability, with/without vibration Vibration Vibration frequency, rear, level I/II mm 0,60/0,35 Amplitude, rear, level I/II mm 0,60/0,35 Amplitude, rear, level I/II mm 0,60/0,35 Amplitude, rear, level I/II mm 0,60/0,35 Centrifugal force, rear, level I/II Centrifugal force, rear, level I/II Centrifugal force, rear, level I/II Centrifugal force, rear, level	Max. operating weight	kg	10050
French classification, value/class  Machine dimensions  Total length mm 4480  Total height with cab mm 2890  Total height with ROPS mm 2970  Height loading, min. mm 2080  Centre distance mm 3340  Total width with cab mm 1790  Maximum working width mm 1635  Ground clearance, centre mm 340  Kerb clearance, left/right mm 750/750  Turning radius, inside mm 4230  Drum dimensions  Drum width, front/rear mm 1500/1500  Drum diameter, front/rear mm 1140/1140  Drum thickness, front/rear mm 1140/1140  Drum type, rear Smooth/non-split  Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ  Model TCD 2.9 L4  Cylinders, quantity 4  Power ISO 14396, kW/PS/rpm 55,4/75,3/2300  Exhaust emission standard EV Stage V / EPA Tier 4  Exhaust gas after-treatment DOC-DPF  Travel drive  Speed, infinitely variable Km/h 0 - 9,7  Regulation, infinitely variable Gradeability, with/without vibration  Vibration  Vibration frequency, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35  Entrifugal force, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35	Axle load, front/rear	kg	3755/3690
Machine dimensions  Total length mm 4480  Total height with cab mm 2890  Total height with ROPS mm 2970  Height loading, min. mm 2080  Centre distance mm 3340  Total width with cab mm 1790  Maximum working width mm 1635  Ground clearance, centre mm 340  Kerb clearance, left/right mm 750/750  Turning radius, inside mm 4230  Drum dimensions  Drum width, front/rear mm 1500/1500  Drum diameter, front/rear mm 1140/1140  Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split  Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ  Model TCD 2.9 L4  Cylinders, quantity 4  Power ISO 14396, kW/PS/rpm 55,4/75,3/2300  Exhaust emission standard Exhaust gas after-treatment  Travel drive  Speed, infinitely variable Gradeability, with/without vibration  Vibration  Vibration  Vibration frequency, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35  Entrifugal force, rear, level I/II mm 0,60/0,35  Entrifugal force, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35	Static linear load, front/rear	kg/cm	25,03/24,60
Total length mm 4480 Total height with cab mm 2890 Total height with ROPS mm 2970 Height loading, min. mm 2080 Centre distance mm 3340 Total width with cab mm 1790 Maximum working width mm 1635 Ground clearance, centre mm 340 Kerb clearance, left/right mm 750/750 Turning radius, inside mm 4230  Drum dimensions  Drum diameter, front/rear mm 1500/1500 Drum diameter, front/rear mm 17/17 Drum thickness, front/rear mm 17/17 Drum type, front Smooth/non-split Track offset, left/right mm 135  Diesel engine  Manufacturer Deutz Model TCD 2.9 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 55,4/75,3/2300 Exhaust emission standard Exhaust gas after-treatment DOC-DPF  Travel drive  Speed, infinitely variable km/h 0 - 9,7 Regulation, infinitely variable Gradeability, with/without vibration frequency, front, level I/II mm 0,60/0,35 Amplitude, front, level I/II mm 0,60/0,35 Amplitude, rear, level I/II mm 0,60/0,35 Amplitude, rear, level I/II mm 0,60/0,35 Centrifugal force, rear, level I/II mm 0,60/0,35 Centrifugal force, rear, level I/II kn			18,92/VT0
Total height with cab Total height with ROPS Height loading, min. Centre distance  Total width with cab  Total width with cab  Maximum working width Ground clearance, centre  Merb clearance, left/right Turning radius, inside  Maum with, front/rear  Drum dimensions  Drum dimensions  Drum dimensions  Drum dimensions  Drum dimensions  Drum dimensions  Drum dischers, front/rear  Drum thickness, front/rear  Drum type, front Drum type, front Drum type, front Drum type, front Drum type, rear  Track offset, left/right  Diesel engine  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 frequency, front, level I/II Amplitude, front, level I/II  Amplitude, rear, level I/II  Amplitude, rear, level I/II  Amplitude, rear, level I/II  Amplitude, rear, level I/II  Centrifugal force, rear, level  LN  80/65	Machine dimensions		
Total height with ROPS mm 2970 Height loading, min. mm 2080 Centre distance mm 3340 Total width with cab mm 1790 Maximum working width mm 1635 Ground clearance, centre mm 340 Kerb clearance, left/right mm 750/750 Turning radius, inside mm 4230  Drum dimensions  Drum width, front/rear mm 1500/1500 Drum diameter, front/rear mm 17/17 Drum type, front Smooth/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ Model TCD 2.9 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 55,4/75,3/2300 Power SAE J1349, kW/HP/rpm 55,4/74,2/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF  Travel drive Speed, infinitely variable Km/h 0 - 9,7 Regulation, infinitely variable Gradeability, with/without wibration  Vibration Vibration Vibration Vibration frequency, front, level I/II mm 0,60/0,35 Amplitude, front, level I/II mm 0,60/0,35 Centrifugal force, rear, level I/II kn 80/65 Level I/II kn 80/65 Level I/II mm 0,60/0,35 Centrifugal force, rear, level I/II kn 80/65 Level I/	Total length	mm	4480
Height loading, min.  Centre distance  Total width with cab  Maximum working width  Ground clearance, centre  Maximum working width  Kerb clearance, left/right  Turning radius, inside  Maximum working  Drum dimensions  Drum dimensions  Drum diameter, front/rear  Drum tickness, front/rear  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  Vibration frequency, front, level I/II  Amplitude, rear, level I/II  Amplitude, rear, level  ITO 2, 180  May 1790  Maximum Max 240  Mm 1635  Mm 1530  T500/1500  Mm 1500/1500  Mm 1500/1500  Mm 1500/1500  Mm 17/17  Smooth/non-split  Smooth/non-split  Smooth/non-split  Track offset, left/right  Mm 135  DEUTZ  Model  TCD 2.9 L4  Cylinders, quantity  4  4  CPU 52, 14  CPU 52, 14  CPU 52, 14  CPU 54, 14  CPU 54	Total height with cab	mm	2890
Centre distance mm 3340  Total width with cab mm 1790  Maximum working width mm 1635  Ground clearance, centre mm 340  Kerb clearance, left/right mm 750/750  Turning radius, inside mm 4230  Drum dimensions  Drum dimensions  Drum diameter, front/rear mm 1500/1500  Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split  Drum type, rear Smooth/non-split  Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ  Model TCD 2.9 L4  Cylinders, quantity 4  Power ISO 14396, kW/PS/rpm 55,4/75,3/2300  Exhaust emission standard EV Stage V / EPA Tier 4  Exhaust gas after-treatment DOC-DPF  Travel drive  Speed, infinitely variable km/h 0 - 9,7  Regulation, infinitely variable MAMTRONIC  Gradeability, with/without wibration  Vibration  Vibration  Vibration frequency, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level  LN 80/65	Total height with ROPS	mm	2970
Total width with cab mm 1790  Maximum working width mm 1635  Ground clearance, centre mm 340  Kerb clearance, left/right mm 750/750  Turning radius, inside mm 4230  Drum dimensions  Drum width, front/rear mm 1500/1500  Drum diameter, front/rear mm 1140/1140  Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split  Drum type, rear Smooth/non-split  Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ  Model TCD 2.9 L4  Cylinders, quantity 4  Power ISO 14396, kW/PS/rpm 55,4/75,3/2300  Exhaust emission standard EV Exage V / EPA Tier 4  Exhaust gas after-treatment DOC-DPF  Travel drive  Speed, infinitely variable km/h 0 - 9,7  Regulation, infinitely variable Km/h 0 - 9,7  Regulation, infinitely variable HAMMTRONIC  Gradeability, with/without whith without wibration  Vibration  Vibration frequency, rear, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II  Cen	Height loading, min.	mm	2080
Maximum working width mm 1635 Ground clearance, centre mm 340 Kerb clearance, left/right mm 750/750 Turning radius, inside mm 4230  Drum dimensions  Drum width, front/rear mm 1500/1500 Drum diameter, front/rear mm 1140/1140 Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split Smooth/non-split Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ  Model TCD 2.9 L4  Cylinders, quantity 4  Power ISO 14396, kW/PS/rpm 55,4/75,3/2300 Power SAE J1349, kW/HP/rpm 55,4/74,2/2300 Exhaust emission standard EU Stage V / EPA Tier 4  Exhaust gas after-treatment DOC-DPF  Travel drive  Speed, infinitely variable km/h 0 - 9,7  Regulation, infinitely variable HAMMTRONIC Gradeability, with/without wibration  Vibration  Vibration frequency, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II	Centre distance	mm	3340
Ground clearance, centre mm 340  Kerb clearance, left/right mm 750/750  Turning radius, inside mm 4230  Drum dimensions  Drum width, front/rear mm 1500/1500  Drum diameter, front/rear mm 1140/1140  Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split  Drum type, rear Smooth/non-split  Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ  Model TCD 2.9 L4  Cylinders, quantity 4  Power ISO 14396, kW/PS/rpm 55,4/75,3/2300  Power SAE J1349, kW/HP/rpm 55,4/74,2/2300  Exhaust emission standard Exhaust gas after-treatment DOC-DPF  Travel drive  Speed, infinitely variable km/h 0 - 9,7  Regulation, infinitely variable HAMMTRONIC  Gradeability, with/without wibration  Vibration  Vibration frequency, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II kN 80/65	Total width with cab	mm	1790
Kerb clearance, left/right mm 750/750  Turning radius, inside mm 4230  Drum dimensions  Drum width, front/rear mm 1500/1500  Drum diameter, front/rear mm 1140/1140  Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split  Drum type, rear Smooth/non-split  Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ  Model TCD 2.9 L4  Cylinders, quantity 4  Power ISO 14396, kW/PS/rpm 55,4/75,3/2300  Power SAE J1349, kW/HP/rpm 55,4/74,2/2300  Exhaust emission standard Exhaust gas after-treatment DOC-DPF  Travel drive  Speed, infinitely variable Regulation, infinitely variable Gradeability, with/without vibration  Vibration  Vibration frequency, front, level I/II mm 0,60/0,35  Amplitude, front, level I/II mm 0,60/0,35  Centrifugal force, front, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35	Maximum working width	mm	1635
Turning radius, inside mm 4230  Drum dimensions  Drum width, front/rear mm 1500/1500  Drum diameter, front/rear mm 1140/1140  Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split  Drum type, rear Smooth/non-split  Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ  Model TCD 2.9 L4  Cylinders, quantity 4  Power ISO 14396, kW/PS/rpm 55,4/75,3/2300  Power SAE J1349, kW/HP/rpm 55,4/74,2/2300  Exhaust emission standard Exhaust gas after-treatment DOC-DPF  Travel drive  Speed, infinitely variable Rm/h 0 - 9,7  Regulation, infinitely variable HAMMTRONIC  Gradeability, with/without wibration  Vibration  Vibration frequency, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35	Ground clearance, centre	mm	340
Drum dimensions  Drum width, front/rear mm 1500/1500  Drum diameter, front/rear mm 1140/1140  Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split  Drum type, rear Smooth/non-split  Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ  Model TCD 2.9 L4  Cylinders, quantity 4  Power ISO 14396, kW/PS/rpm 55,4/75,3/2300  Power SAE J1349, kW/HP/rpm 55,4/74,2/2300  Exhaust emission standard EU Stage V / EPA Tier 4  Exhaust gas after-treatment DOC-DPF  Travel drive  Speed, infinitely variable Km/h 0 - 9,7  Regulation, infinitely variable HAMMTRONIC  Gradeability, with/without wibration  Vibration  Vibration  Vibration frequency, front, level I/II mm 0,60/0,35  Amplitude, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, front, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35	Kerb clearance, left/right	mm	750/750
Drum width, front/rear mm 1500/1500 Drum diameter, front/rear mm 1140/1140 Drum thickness, front/rear mm 17/17 Drum type, front Smooth/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ Model TCD 2.9 L4 Cylinders, quantity 4 Power ISO 14396, kW/PS/rpm 55,4/75,3/2300 Power SAE J1349, kW/HP/rpm 55,4/74,2/2300 Exhaust emission standard EU Stage V / EPA Tier 4 Exhaust gas after-treatment DOC-DPF  Travel drive Speed, infinitely variable Km/h 0 - 9,7 Regulation, infinitely variable Gradeability, with/without wibration  Vibration  Vibration  Vibration frequency, front, level I/II mm 0,60/0,35 Amplitude, front, level I/II mm 0,60/0,35 Centrifugal force, front, level I/II mm 0,60/0,35 Centrifugal force, rear, level I/II mm 0,60/0,35 Centrifugal force, rear, level I/II kN 80/65	Turning radius, inside	mm	4230
Drum diameter, front/rear mm 1140/1140 Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ  Model TCD 2.9 L4  Cylinders, quantity 4  Power ISO 14396, kW/PS/rpm 55,4/75,3/2300  Power SAE J1349, kW/HP/rpm 55,4/74,2/2300  Exhaust emission standard EU Stage V / EPA Tier 4  Exhaust gas after-treatment DOC-DPF  Travel drive  Speed, infinitely variable km/h 0 - 9,7  Regulation, infinitely variable HAMMTRONIC  Gradeability, with/without vibration  Vibration  Vibration frequency, front, level I/II mm 0,60/0,35  Amplitude, front, level I/II mm 0,60/0,35  Centrifugal force, front, level I/II mm 0,60/0,35  Centrifugal force, rear, level I/II mm 0,60/0,35	Drum dimensions		
Drum thickness, front/rear Drum type, front Drum type, rear 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 frequency, rear, level I/II Amplitude, rear, level I/II Cymrum type, front Smooth/non-split Scharges Plane Smooth/non-split Scharges Plane Smooth/non-split Scharges Plane Smooth/non-split Scharge	Drum width, front/rear	mm	1500/1500
Drum type, front Drum type, rear 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, level I/II Amplitude, front, level I/II  Amplitude, rear, level I/II  Centrifugal force, rear, level I/II  Smooth/non-split Smooth/split Sm	Drum diameter, front/rear	mm	1140/1140
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, level I/II Amplitude, front, level I/II  Amplitude, rear, level I/II  Centrifugal force, rear, level I/II  Centrifugal force, rear, level I/II  Model TCD 2.9 L4  CDUTZ  DEUTZ  MM 135  EU Sta9  EU Sta9  EU Stage V / EPA Tier 4  DOC-DPF  HAMMTRONIC  HAMMTRONIC  42/47  Vibration  Hz 48/58  A8/58  RO(65)	Drum thickness, front/rear	mm	17/17
Track offset, left/right mm 135  Diesel engine  Manufacturer DEUTZ  Model TCD 2.9 L4  Cylinders, quantity 4  Power ISO 14396, kW/PS/rpm 55,4/75,3/2300  Power SAE J 1349, kW/HP/rpm 55,4/74,2/2300  Exhaust emission standard EU Stage V / EPA Tier 4  Exhaust gas after-treatment DOC-DPF  Travel drive  Speed, infinitely variable km/h 0 - 9,7  Regulation, infinitely variable HAMMTRONIC  Gradeability, with/without vibration  Vibration  Vibration  Vibration frequency, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, rear, level kN 80/65  Centrifugal force, rear, level I/II kN 80/65	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  DOC-DPF  Travel drive  Speed, infinitely variable  Gradeability, with/without vibration  Vibration  Vibration  Vibration frequency, front, level I/II  Amplitude, front, level I/II  Amplitude, rear, level I/II  Centrifugal force, front, level I/II  Centrifugal force, rear, level  ITCD 2.9 L4  TCD 2.9 L4  A 44  A 44  A 44  Exhaust gas after-treatment  DOC-DPF  HE AMMTRONIC  42/47  Vibration  Fraquency, front, level I/II  Fragility, with/without one of the companies of the companie	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, level I/II  Amplitude, front, level I/II  Centrifugal force, front, level I/II  Centrifugal force, rear, level I/II  Cylinders, quantity  4  TCD 2.9 L4  CD2.9 L4  CD2.9 L4  A 4  4  4  4  4  4  4  4  4  4  4  4  4	Track offset, left/right	mm	135
Model Cylinders, quantity 4 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, level I/II  Amplitude, front, level I/II  Centrifugal force, front, level I/II  Centrifugal force, rear, level I/II  Cylinders, quantity 4  4  4  4  Cylinders, quantity 4  4  4  4  4  Cylinders, quantity 4  4  4  4  4  Cylinders, quantity 4  4  4  4  Cylinders, quantity 4  4  Cylinders, dividence of the post, and a service of the post of t	Diesel engine		
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, level I/II  Amplitude, front, level I/II  Centrifugal force, front, level I/II  Centrifugal force, rear, level  FS,4/75,3/2300  EU Stage V / EPA Tier 4  DOC-DPF  HAMMTRONIC  HOUSE HAMMTRONIC  42/47  48/58  HZ  48/58  48/58  80/65	Manufacturer		DEUTZ
Power ISO 14396, kW/PS/rpm Power SAE J1349, kW/HP/rpm Exhaust emission standard Exhaust gas after-treatment  DOC-DPF  Travel drive  Speed, infinitely variable Gradeability, with/without vibration  Vibration  Vibration frequency, front, level I/II  Amplitude, front, level I/II  Centrifugal force, front, level I/II  Centrifugal force, rear, level  PU Stage V / EPA Tier 4  EU Stage V / EPA Tier 4  DOC-DPF  HAMMTRONIC  42/47  Vibration  Hz  48/58  48/58  Amplitude, front, level I/II  Mm  0,60/0,35  Centrifugal force, front, level I/II  Centrifugal force, rear, level  EU Stage V / EPA Tier 4  EU Stage V / EPA Tier 4  EU Stage V / EPA Tier 4  DOC-DPF  HAMMTRONIC  42/47  Vibration  42/47  Vibration  Vibration frequency, front, level I/II  Mm  0,60/0,35  Amplitude, rear, level I/II  KN  80/65	Model		TCD 2.9 L4
Power SAE J1349, kW/HP/rpm  Exhaust emission standard  Exhaust gas after-treatment  DOC-DPF  Travel drive  Speed, infinitely variable  Regulation, infinitely variable  Gradeability, with/without vibration  Vibration  Vibration frequency, front, level I/II  Amplitude, front, level I/II  Centrifugal force, front, level I/II  Centrifugal force, rear, level  I/II  Stage V / EPA Tier 4  EU Stage V / EPA Tier 4  EX Stage V / EPA Tier 4  EU Stage V / EPA Tier 4  EX Stage V	Cylinders, quantity		4
Exhaust emission standard Exhaust gas after-treatment  DOC-DPF  Travel drive  Speed, infinitely variable Gradeability, with/without vibration  Vibration  Vibration frequency, front, level I/II  Amplitude, front, level I/II  Centrifugal force, front, level I/II  EU Stage V / EPA Tier 4  DOC-DPF  HAMMTRONIC  42/47  HAMMTRONIC  42/47  HZ  48/58  HZ  48/58  A8/58  A8/58  Amplitude, front, level I/II  Mm  0,60/0,35  Amplitude, rear, level I/II  KN  80/65	Power ISO 14396, kW/PS/rpm		55,4/75,3/2300
Exhaust gas after-treatment  Travel drive  Speed, infinitely variable km/h 0 - 9,7  Regulation, infinitely variable HAMMTRONIC  Gradeability, with/without wibration  Vibration  Vibration  Vibration frequency, front, level I/II Hz 48/58  Amplitude, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, front, level I/II kN 80/65  Centrifugal force, rear, level kN 80/65	Power SAE J1349, kW/HP/rpm		55,4/74,2/2300
Travel drive  Speed, infinitely variable km/h 0 - 9,7  Regulation, infinitely variable HAMMTRONIC  Gradeability, with/without % 42/47  Vibration  Vibration  Vibration frequency, front, level I/II Hz 48/58  Amplitude, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, front, level I/II kN 80/65  Centrifugal force, rear, level kN 80/65	Exhaust emission standard		EU Stage V / EPA Tier 4
Speed, infinitely variable km/h 0 - 9,7  Regulation, infinitely variable HAMMTRONIC  Gradeability, with/without wibration  Vibration  Vibration  Vibration frequency, front, level I/II Hz 48/58  Amplitude, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, front, level I/II kN 80/65  Centrifugal force, rear, level kN 80/65	Exhaust gas after-treatment		DOC-DPF
Regulation, infinitely variable Gradeability, with/without wibration  Vibration  Vibration  Vibration frequency, front, level I/II  Vibration frequency, rear, level I/II  Amplitude, front, level I/II mm 0,60/0,35  Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, front, level I/II kN 80/65  Centrifugal force, rear, level kN 80/65	Travel drive		
Gradeability, with/without vibration  Vibration  Vibration  Vibration frequency, front, level I/II  Vibration frequency, rear, level I/II  Amplitude, front, level I/II  Amplitude, rear, level I/II  Centrifugal force, rear, level  KN  42/47  48/58  48/58  48/58  48/58  Amplitude, front, level I/II  Mm  0,60/0,35  Centrifugal force, front, level I/II  Centrifugal force, rear, level  KN  80/65	Speed, infinitely variable	km/h	0 - 9,7
Vibration  Vibration  Vibration  Vibration frequency, front, level I/II	Regulation, infinitely variable		HAMMTRONIC
Vibration frequency, front, level I/II  Vibration frequency, rear, level I/II  Amplitude, front, level I/II  Amplitude, rear, level I/II  Centrifugal force, front, level kN  B0/65		%	42/47
level I/II  Vibration frequency, rear, level I/II  Amplitude, front, level I/II  Amplitude, rear, level I/II  Centrifugal force, front, level kN  R0/65	Vibration		
level I/II  Amplitude, front, level I/II  Amplitude, rear, level I/II  Centrifugal force, front, level I/II  Centrifugal force, rear, level  kN  80/65		Hz	48/58
Amplitude, rear, level I/II mm 0,60/0,35  Centrifugal force, front, level I/II kN 80/65  Centrifugal force, rear, level kN 80/65		Hz	48/58
Centrifugal force, front, level kN 80/65  Centrifugal force, rear, level kN 80/65	Amplitude, front, level I/II	mm	0,60/0,35
I/II KIN 80/65  Centrifugal force, rear, level kN 80/65	Amplitude, rear, level I/II	mm	0,60/0,35
		kN	80/65
		kN	80/65

Steering		
Pendulum angle +/-	0	10
Steering, type		Articulated steering
Water-sprinkling system		
Water sprinkling, type		Pressure
Tank capacity/filling capacity		
Fuel tank, capacity	L	120
Water tank, capacity	L	700
Sound level		
Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	105

### **EQUIPMENT**

Dashboard tiltable | Pressure water sprinkling system | ECO mode | Speed preselect | Vibration-insulated driver's platform | Track offset, hydraulic | Water filter system (3-fold) | Central water outlet

### **OPTIONAL EQUIPMENT**

Heating and air-conditioning system | Steering column with comfort exit and tiltable dashboard | Tachograph | Bluetooth interface for Smart Doc | | Protective roof | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | JDLink | Working spotlights | Rotating beacon

