

**Technical data** 

**HD 90** 



**Tandem rollers Series HD** 

H181

「andem roller with two vibrating roller drums

## **HIGHLIGHTS**

- > Excellent view of the machine and the construction site
- > Ergonomic driver platform with rotatable seat operating unit and adjustable driver's seat
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Simple, intuitive and language-neutral operation

HD 90 | TECHNICAL DATA

## **TECHNICAL DATA HD 90 (H181)**

Operating weight with cab         kg         9190           Operating weight with ROPS         kg         8925           Operating weight, max.         kg         11840           Static linear load, front/rear French classific., data/class         27,6/27,1           French classific., data/class         22,4/VT1           Machine dimensions         Total length         mm         4600           Total height with cab         mm         3040         Height loading, min.         mm         2360           Wheel base         mm         3400         Total width with cab         mm         1810           Max. working width         mm         1780         Kerb clearance, left/right         mm         790/790           Turning radius, inside         mm         1780         1810         1810           Max. working width         mm         1680/1680         190/79	Weights		
Operating weight, max.         kg         11840           Static linear load, front/rear French classific., data/class         kg/cm         27,6/27,1           Machine dimensions           Total length         mm         4600           Total height with cab         mm         3040           Height loading, min.         mm         2360           Wheel base         mm         3400           Total width with cab         mm         1810           Max. working width         mm         1780           Kerb clearance, left/right         mm         790/790           Turning radius, inside         mm         3961           Drum dimensions         Drum dimensions           Drum dimensions         mm         1680/1680           Drum dimensions         mm         1200/1200           Drum dimensions         mm         1200/1200           Drum dimensions         mm         17/17           Drum dimensions         mm         17/17           Drum dimensions         mm         1200/1200           Drum dimensions         mm         1200/1200           Drum dimensions         Drum dimensions         pmm         17/17           Drum dimensions		kg	9190
Static linear load, front/rear French classific., data/class 22,4/VT1  Machine dimensions  Total length mm 4600  Total height with cab mm 3040  Height loading, min. mm 2360  Wheel base mm 3400  Total width with cab mm 1810  Max. working width mm 1780  Kerb clearance, left/right mm 790/790  Turning radius, inside mm 3961  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/non-split Track offset, left/right mm 100  Diesel engine  Manufacturer DEUTZ  Version TCD 2012 L04 2V  Number of cylinders 4  Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300  Remission standard EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off  Vibration  Vibration Fequency, rear, I/II mm 0,66/0,37  Amplitude, rear, I/II mm 0,66/0,37  Amplitude, rear, I/II kN 75/60  Steering  Oscillation angle +/- ° 10  Steering, type Articulated steering  Fuel tank, capacity	Operating weight with ROPS	kg	8925
French classific., data/class  Machine dimensions  Total length	Operating weight, max.	kg	11840
Total length mm 4600 Total height with cab mm 3040 Height loading, min. mm 2360 Wheel base mm 3400 Total width with cab mm 1810 Max. working width mm 1780 Kerb clearance, left/right mm 790/790 Turning radius, inside mm 1860/1680 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/non-split Track offset, left/right mm 100 Diesel engine Manufacturer Version TCD 2012 L04 2V Number of cylinders 4 Power rat. ISO 14396, KW/PS/rpm 100,0/136,0/2300 RW/HP/rpm Emission standard EU Stage IIIA / EPA Tier 3 Drive Speed, working gear km/h 0-7,4 Speed, transportation gear km/h 0-14,8 Climbing ability, vibration on/off Vibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,66/0,37 Amplitude, front, I/II mm 0,66/0,37 Centrifugal force, rear, I/II kN 75/60 Steering Oscillation angle +/- Steering Oscillation angle +/- Steering Oscillation angle +/- Steering Water sprinkler system Water sprinkler, type Pressure  Tank capacity/Fill capacity Fuel tank, capacity Fuel tank, capacity 185	Static linear load, front/rear	kg/cm	27,6/27,1
Total length mm 4600 Total height with cab mm 3040 Height loading, min. mm 2360 Wheel base mm 3400 Total width with cab mm 1810 Max. working width mm 1780 Kerb clearance, left/right mm 790/790 Turning radius, inside mm 3961  Drum dimensions Drum width, front/rear mm 1680/1680 Drum diameter, front/rear mm 1200/1200 Drum thickness, front/rear mm 1200/1200 Drum type, front Smooth/non-split Track offset, left/right mm 100  Diesel engine  Manufacturer DEUTZ Version TCD 2012 L04 2V Number of cylinders 4 Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300 Power rating SAE J 1349, kW/HP/rpm Emission standard EU Stage IIIA / EPA Tier 3  Drive Speed, working gear km/h 0-14,8 Climbing ability, vibration on/off Wibration Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,66/0,37 Amplitude, front, I/II mm 0,66/0,37 Centrifugal force, front, I/II kN 75/60 Steering Oscillation angle +/- ° 10 Steering Oscillation angle +/- ° 10 Steering Oscillation angle +/- ° 10 Steering Vel tank, capacity Pressure  Tank capacity/Fill capacity Fuel tank, capacity 185	French classific., data/class		22,4/VT1
Total height with cab mm 3040 Height loading, min. mm 2360 Wheel base mm 3400 Total width with cab mm 1810 Max. working width mm 1780 Kerb clearance, left/right mm 790/790 Turning radius, inside mm 3961  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/non-split Track offset, left/right mm 100  Diesel engine  Manufacturer DEUTZ Version TCD 2012 L04 2V Number of cylinders 4 Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300 Power rating SAE J1349, kW/HP/rpm Emission standard EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4 Speed, transportation gear km/h 0-14,8 Climbing ability, vibration on/off 30/40  Vibration Frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,66/0,37 Centrifugal force, front, I/II kn 75/60 Steering Oscillation angle +/- ° 10 Steering Oscillation angle +/- ° 10 Steering Vel tank, capacity Pressure  Tank capacity/Fill capacity Fuel tank, capacity Fuel tank, capacity 185	Machine dimensions		
Height loading, min. mm 2360 Wheel base mm 3400 Total width with cab mm 1810 Max. working width mm 1780 Kerb clearance, left/right mm 790/790 Turning radius, inside mm 3961  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, rear Smooth/non-split Track offset, left/right mm 100  Diesel engine  Manufacturer DEUTZ Version TCD 2012 L04 2V Number of cylinders 4 Power rating SAE J1349, kW/HP/rpm 100,0/136,0/2300 EU Stage IIIIA / EPA Tier 3  Drive Speed, working gear km/h 0-7,4 Speed, transportation gear km/h 0-14,8 Climbing ability, vibration on/off  Vibration Vibration frequency, front, I/II Hz 42/50 Vibration frequency, rear, I/II mm 0,66/0,37 Amplitude, front, I/II mm 0,66/0,37 Centrifugal force, front, I/II kN 75/60 Steering Oscillation angle +/- ° 10 Steering Oscillation angle +/- ° 10 Steering Oscillation angle +/- ° 10 Steering Sprinkler system Water sprinkler, type Pressure  Tank capacity/Fill capacity Fuel tank, capacity 185	Total length	mm	4600
Wheel base mm 3400 Total width with cab mm 1810 Max. working width mm 1780 Kerb clearance, left/right mm 790/790 Turning radius, inside mm 3961  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/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 100  Diesel engine  Manufacturer Version TCD 2012 L04 2V Number of cylinders 4  Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300 Emission standard EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4 Speed, transportation gear km/h 0-14,8 Climbing ability, vibration on/off  Vibration  Vibration frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,66/0,37 Amplitude, front, I/II kn 75/60 Centrifugal force, rear, I/II kn 75/60 Steering Oscillation angle +/- Steering Oscillation angle +/- Steering, type Pressure  Tank capacity/Fill capacity Fuel tank, capacity 185	Total height with cab	mm	3040
Total width with cab mm 1810  Max. working width mm 1780  Kerb clearance, left/right mm 790/790  Turning radius, inside mm 3961  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/non-split  Track offset, left/right mm 100  Diesel engine  Manufacturer DEUTZ  Version TCD 2012 L04 2V  Number of cylinders 4  Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300  Power rating SAE J1349, kW/HP/rpm Eusison standard EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off  Vibration  Vibration frequency, front, 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, rear, I/II kN 75/60  Steering  Oscillation angle +/- ° 10  Steering  Oscillation angle +/- ° 10  Steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Height loading, min.	mm	2360
Max. working width Kerb clearance, left/right Turning radius, inside  Drum dimensions  Drum width, front/rear Drum diameter, front/rear Drum thickness, front/rear Drum type, front Drum type, rear Track offset, left/right Manufacturer Version Power rat. ISO 14396, kW/PS/rpm Power rating SAE J1349, kW/HP/rpm Emission standard  Drive Speed, working gear Speed, transportation gear Climbing ability, vibration on/off Vibration Vibration frequency, rear, I/II Amplitude, rear, I/II Amplitude, rear, I/II Centrifugal force, rear, I/II Steering Oscillation angle +/- Steering Versure Lank, capacity Fuel tank, capacity  Manufacturer  Manufacturer  DEUTZ Smooth/non-split Track offset, left/right mm 100 Diesel engine  Mmm 17/17  Smooth/non-split Track offset, left/right mm 100  DEUTZ  Version TCD 2012 L04 2V  Number of cylinders  Amplitude BEUSTZ  TCD 2012 L04 2V  Number of cylinders  Amplitude, front, J/349, km/h Mnd, 0/340,0/2300  EU Stage IIIA / EPA Tier 3  Drive Speed, working gear km/h 0-7,4 Speed, transportation gear km/h 0-14,8 Climbing ability, vibration on/off Vibration Vibration Vibration Vibration frequency, front, I/II Mnd 0,66/0,37  Amplitude, rear, I/II Mnd 0,66/0,37  Centrifugal force, rear, I/II N 75/60  Steering Oscillation angle +/-  Steering Oscillation angle +/- Steering Oscillati	Wheel base	mm	3400
Kerb clearance, left/right mm 790/790 Turning radius, inside mm 3961  Prum 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/non-split  Drum type, rear Smooth/non-split  Track offset, left/right mm 100  Diesel engine  Manufacturer DEUTZ  Version TCD 2012 L04 2V  Number of cylinders 4  Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300  Power rating SAE J1349, kW/HP/rpm 100,0/134,0/2300  Emission standard EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off  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 kn 75/60  Centrifugal force, rear, I/II kn 75/60  Steering  Oscillation angle +/- ° 10  Steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Total width with cab	mm	1810
Turning radius, inside mm 3961  Prum dimensions  Drum width, front/rear mm 1200/1200  Drum diameter, front/rear mm 1200/1200  Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split  Drum type, rear Smooth/non-split  Track offset, left/right mm 100  Piesel engine  Manufacturer DEUTZ  Version TCD 2012 L04 2V  Number of cylinders 4  Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300  Power rating SAE J1349, kW/HP/rpm Emission standard EU Stage IIIA / EPA Tier 3  Prive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off  Vibration  Vibration frequency, front, I/II Hz 42/50  Vibration frequency, rear, I/II Hz 42/50  Amplitude, reor, I/II mm 0,66/0,37  Amplitude, rear, I/II kn 75/60  Centrifugal force, front, I/II kn 75/60  Steering  Oscillation angle +/- ° 10  Steering type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Max. working width	mm	1780
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/non-split  Drum type, rear Smooth/non-split  Track offset, left/right mm 100  Diesel engine  Manufacturer DEUTZ  Version TCD 2012 L04 2V  Number of cylinders 4  Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300  Power rating SAE J1349, kW/HP/rpm Emission standard EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off  Vibration  Vibration frequency, front, 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  Steering  Oscillation angle +/-  Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Kerb clearance, left/right	mm	790/790
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/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 100  Diesel engine  Manufacturer DEUTZ Version TCD 2012 L04 2V Number of cylinders 4 Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300 Power rating SAE J1349, kW/HP/rpm Emission standard EU Stage IIIA / EPA Tier 3  Drive Speed, working gear km/h 0-7,4 Speed, transportation gear km/h 0-14,8 Climbing ability, vibration on/off  Vibration Vibration Frequency, front, I/II Hz 42/50 Amplitude, front, I/II mm 0,66/0,37 Amplitude, rear, I/II mm 0,66/0,37 Amplitude, rear, I/II kN 75/60 Steering Oscillation angle +/- ° 10 Steering, type Pressure  Tank capacity/Fill capacity Fuel tank, capacity 185	Turning radius, inside	mm	3961
Drum diameter, front/rear mm 1200/1200 Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 100  Diesel engine  Manufacturer DEUTZ  Version TCD 2012 L04 2V  Number of cylinders 4  Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300  Power rating SAE J1349, EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off  Vibration  Vibration frequency, front, 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  Steering  Oscillation angle +/- ° 10  Steering, type Pressure  Tank capacity/Fill capacity Fuel tank, capacity  Fuel tank	Drum dimensions		
Drum thickness, front/rear mm 17/17  Drum type, front Smooth/non-split Drum type, rear Smooth/non-split Track offset, left/right mm 100  Diesel engine  Manufacturer DEUTZ  Version TCD 2012 L04 2V  Number of cylinders 4  Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300  Power rating SAE J1349, EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off  Vibration  Vibration  Vibration frequency, front, 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  Steering  Oscillation angle +/- ° 10  Steering, type Pressure  Tank capacity/Fill capacity Fuel tank, capacity  Fuel tank, capacity  Fuel tank, capacity  Fuel tank, capacity  I Stouthon 100  Smooth/non-split Indoor July 200,0/134,0/2300  Let Stage IIIA / EPA Tier 3  Drive Stage IIIIA / EPA Tier 3	Drum width, front/rear	mm	1680/1680
Drum type, front Drum type, rear Track offset, left/right  Manufacturer  Version  Power rat. ISO 14396, kW/PS/rpm  Power rating SAE J1349, kW/HP/rpm  Emission standard  Drive  Speed, working gear  Speed, transportation gear  Climbing ability, vibration on/off  Vibration  Vibration frequency, rear, I/II  Amplitude, front, I/II  Amplitude, rear, I/II  Centrifugal force, rear, I/II  Steering  Oscillation angle +/-  Speed, tans, capacity/Fill capacity  Fuel tank, capacity/Fill capacity	Drum diameter, front/rear	mm	1200/1200
Drum type, rear  Track offset, left/right  Diesel engine  Manufacturer  Version  Number of cylinders  Power rat. ISO 14396, kW/PS/rpm  Power rating SAE J1349, kW/HP/rpm  Emission standard  Drive  Speed, working gear  Speed, transportation gear  Climbing ability, vibration on/off  Vibration  Vibration frequency, front, 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  Steering  Oscillation angle +/-  Speed, vorking ear  Smooth/non-split  100  DEUTZ  TCD 2012 L04 2V  100,0/136,0/2300  100,0/136,0/2300  EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off  Vibration  Vibration  Vibration  Vibration  Frequency, front, I/II Hz 42/50  Amplitude, front, I/II kn 75/60  Centrifugal force, rear, I/II kn 75/60  Steering  Oscillation angle +/-  Steering, type  Articulated steering  Sprinkler system  Water sprinkler, type  Pressure  Tank capacity/Fill capacity  Fuel tank, capacity  Tank capacity/Fill capacity  Fuel tank, capacity  Tank capacity/Fill capacity  Fuel tank, capacity  Tank capacity/Fill capacity	Drum thickness, front/rear	mm	17/17
Track offset, left/right mm 100  Diesel engine  Manufacturer DEUTZ  Version TCD 2012 L04 2V  Number of cylinders 4  Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300  Power rating SAE J1349, kW/HP/rpm Emission standard EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off % 30/40  Vibration  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  Centrifugal force, front, I/II kN 75/60  Steering  Oscillation angle +/- ° 10  Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Drum type, front		Smooth/non-split
Diesel engine  Manufacturer  DEUTZ  Version  TCD 2012 L04 2V  Number of cylinders  Power rat. ISO 14396, kW/PS/rpm  Power rating SAE J1349, kW/HP/rpm  Emission standard  EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear  Speed, transportation gear  Climbing ability, vibration on/off  Vibration  Vibration  Vibration frequency, front, I/II Hz 42/50  Amplitude, front, I/II mm 0,66/0,37  Centrifugal force, front, I/II kN 75/60  Steering  Oscillation angle +/-  Speed, transportation gear  Articulated steering  Sprinkler system  Water sprinkler, type  Tank capacity/Fill capacity  Fuel tank, capacity  I 100,0/136,0/2300  A 100,0/136,0/2300  EU Stage IIIA / EPA Tier 3  Do-7,4  Seped, transportation gear  km/h 0-7,4  Seped, transportation gear km/h 0-7,4  Seped transportation gear to seped tran	Drum type, rear		Smooth/non-split
Manufacturer  Version  TCD 2012 L04 2V  Number of cylinders  Power rat. ISO 14396, kW/PS/rpm  Power rating SAE J1349, kW/HP/rpm  Emission standard  EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear  Speed, transportation gear  Climbing ability, vibration on/off  Vibration  Vibration  Vibration frequency, front, I/II  Amplitude, front, I/II  Amplitude, rear, I/II  Amplitude, rear, I/II  Centrifugal force, front, I/II  Steering  Oscillation angle +/-  Speed, transportation gear  Articulated steering  Sprinkler system  Water sprinkler, type  Tank capacity/Fill capacity  Fuel tank, capacity  185	Track offset, left/right	mm	100
Version  Number of cylinders  Power rat. ISO 14396, kW/PS/rpm  Power rating SAE J1349, kW/HP/rpm  Emission standard  EU Stage IIIA / EPA Tier 3  Prive  Speed, working gear  Speed, transportation gear  Climbing ability, vibration on/off  Vibration  Vibration  Vibration frequency, front, 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  Steering  Oscillation angle +/-  Speed, working gear km/h 0-14,8  42/50  Vibration  Vibration  Vibration  Vibration  Vibration frequency, rear, I/II Hz 42/50  Amplitude, front, I/II mm 0,66/0,37  Centrifugal force, front, I/II kN 75/60  Steering  Oscillation angle +/-  Steering  Oscillation angle +/-  Sprinkler system  Water sprinkler, type  Pressure  Tank capacity/Fill capacity  Fuel tank, capacity  185	Diesel engine		
Number of cylinders  Power rat. ISO 14396, kW/PS/rpm  Power rating SAE J1349, kW/HP/rpm  Emission standard  Drive  Speed, working gear  Speed, transportation gear  Climbing ability, vibration on/off  Vibration  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  Steering  Oscillation angle +/-  Steering, type  Tank capacity/Fill capacity  Fuel tank, capacity  185	Manufacturer		DEUTZ
Power rat. ISO 14396, kW/PS/rpm 100,0/136,0/2300  Power rating SAE J1349, kW/HP/rpm 100,0/134,0/2300  Emission standard EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off  Vibration  Vibration  Vibration frequency, front, 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  Steering  Oscillation angle +/-  Steering, type Articulated steering  Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Version		TCD 2012 L04 2V
RW/PS/rpm  Power rating SAE J1349, kW/HP/rpm  Emission standard  EU Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off  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  Steering  Oscillation angle +/-  Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity  185	Number of cylinders		4
Emission standard  Eu Stage IIIA / EPA Tier 3  Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off  Vibration  Vibration  Vibration frequency, front, 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  Oscillation angle +/-  Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Power rat. ISO 14396, kW/PS/rpm		100,0/136,0/2300
Drive  Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off % 30/40  Vibration  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  Oscillation angle +/- ° 10  Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	kW/HP/rpm		
Speed, working gear km/h 0-7,4  Speed, transportation gear km/h 0-14,8  Climbing ability, vibration on/off % 30/40  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  Oscillation angle +/- ° 10  Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185			EU Stage IIIA / EPA Tier 3
Speed, transportation gear Climbing ability, vibration on/off  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 Oscillation angle +/- Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity Fuel tank, capacity 185	Drive		
Climbing ability, vibration on/off  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  Oscillation angle +/- Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185			,
on/off  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  Oscillation angle +/- Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185		km/h	0-14,8
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  Oscillation angle +/- Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185		%	30/40
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 Oscillation angle +/- Steering, type Articulated steering  Sprinkler system Water sprinkler, type Pressure  Tank capacity/Fill capacity Fuel tank, capacity 185	Vibration		
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  Oscillation angle +/- ° 10  Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Vibration frequency, front, I/II	Hz	42/50
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 Oscillation angle +/- ° 10  Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Vibration frequency, rear, I/II	Hz	42/50
Centrifugal force, front, I/II kN 75/60  Centrifugal force, rear, I/II kN 75/60  Steering  Oscillation angle +/- Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Amplitude, front, I/II	mm	0,66/0,37
Centrifugal force, rear, I/II kN 75/60  Steering Oscillation angle +/- Steering, type 10  Sprinkler system Water sprinkler, type Pressure  Tank capacity/Fill capacity Fuel tank, capacity 185	Amplitude, rear, I/II	mm	0,66/0,37
Steering Oscillation angle +/- Steering, type Sprinkler system Water sprinkler, type Pressure  Tank capacity/Fill capacity Fuel tank, capacity  185	Centrifugal force, front, I/II	kN	75/60
Oscillation angle +/- Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Centrifugal force, rear, I/II	kN	75/60
Steering, type Articulated steering  Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Steering		
Sprinkler system  Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Oscillation angle +/-	٥	10
Water sprinkler, type Pressure  Tank capacity/Fill capacity  Fuel tank, capacity 185	Steering, type		Articulated steering
Tank capacity/Fill capacity Fuel tank, capacity 185	Sprinkler system		
Fuel tank, capacity 185	Water sprinkler, type		Pressure
The first of	Tank capacity/Fill capacity		
Water tank, capacity 700	Fuel tank, capacity		185
	Water tank, capacity		700

Sound level		
Sound power level L(WA), guaranteed	db(A)	107
Acoustic power LW(A), measured	db(A)	105

## **EQUIPMENT**

2 drive levers | Amplitude switchable: large/small | Handrails | Lighting package as per road traffic regulations | Operator's platform with entry from both sides | Seat-operating unit, rotatable | Seat-operating unit, rotatable, with armrests and safety belt | Vibration front and rear, switchable single and doubled

## **OPTIONAL EQUIPMENT**

Air conditioning | Tachograph | Fire-extinguisher | Protective roof | Edge pressing and cutting equipment | Frequency regulation | HCQ compaction meter | Speedometer | Back-up alarm (reversing) | Telematics interface | Automatic vibration system | Working lights | Rotating beacon | Locking device | Tool kit

