

## 2.2 Technical data

<u>Motor:</u>	KHD diesel engine, type BF 4M 1012, liquid cooled, 4 cylinder, 62 kW at 2500 rpm, 12 V
<u>Gearbox:</u>	Allison automatic gearbox, type AT 545, 1 forward gear, 1 reversing gear, 12 V
<u>Front axle:</u>	MULAG-steering brake axle with Knott steering brake stub shaft type 3352 fitted with disc brakes, load bearing capacity: 3000 kg,
<u>Rear axle:</u>	Kessler differential drive axle, type D 41 PL 58 having an hydraulic servo-assisted brake 325x80 SM load bearing capacity: 6000 kg, $i = 10,52$
<u>Steering:</u>	Hydrostatic Danfoss steering system with ZF steering cylinder
<u>Brake system:</u>	Hydraulic twin-circuit brake system, vacuum assisted, acting on front and rear wheels, parking brake - mechanical on rear wheels.
<u>Electrical system:</u>	12 Volt system, starter battery 143 amp/hours
<u>Suspension:</u>	Longitudinal leaf spring on front and rear axles
<u>Tyres:</u>	7.00 - 15 Bearcat Armorguard (foamed) front - single tyre arrangement, rear - double tyre arrangement
<u>Speed:</u>	30 km/hour
<u>Tightening torque, wheels:</u>	Wheel nuts front 270 Nm Wheel nuts rear 350 Nm
<u>Fuel tank:</u>	Capacity approx. 90 l
<u>Noise:</u>	on ears of driver 74 dB(A) at full throttle 72 dB(A) at idling speed
<u>Tow coupling:</u>	coupling to be operated hydraulically from driver's seat
<u>Driver's cab:</u>	Sound-proof, enclosed cab

## 2.3 Dimensions and weights

### Dimensions:

Length:	approx. 3150 mm (minus tow coupling)
Width:	approx. 1600 mm
Height:	approx. 2130 mm
Wheel base:	1625 mm
Turning radius:	approx. 4000 mm
Ground clearance:	approx. 140 mm
Track, front wheels:	1340 mm
Track, rear wheels:	1160 mm

### Weights:

permitted total weight:	5200 kg
permitted axle load front:	2200 kg
permitted axle load rear:	3200 kg
permitted towing load:	11500 kg without separate brakes (according to German rules)
intrinsic (kerb) weight:	approx. 4500 kg
towing power:	approx. 3300 kg