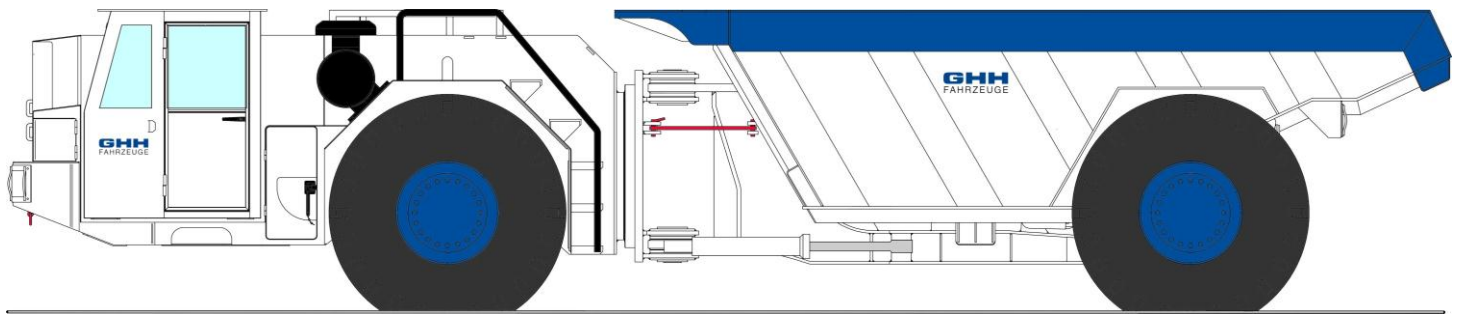


DUMPER

MK-A35

low profile



Main Features

- Super low vehicle height of **2.000 mm or 2.300 mm**
- Based on worldwide proven **MK-A35**
- **Compact, simple and powerful** design
- **Great power to weight ratio**
- **ROPS / FOPS** certified cabin
- **Proven technology** only
- **Different body designs and sizes available**
- Efficient combination with **LF-10, LF-11H** and **SLP-10 LHD**



Technical Specification*

Main Dimensions

Length (tramming position)	10 975 mm
Width (at body)	3 500 mm
Std. height, laden (at body)	2 300 mm
Std. height, laden (above cabin)	2 300 mm
Std. body capacity (SAE struck)	17.0 m ³

Engine

Manufacturer	Deutz
Type	TCD 2015 V06
Design	Water cooled diesel engine
Power output	300 kW / 2000 min ⁻¹
Air intake system	Dry air filter
Exhaust system	Catalyst, silencer
Starter power / voltage	6.5 kW / 24 V
Alternator current / voltage	80 A / 28 V
Emission standard	EPA Tier 3 / EU Stage IIIA

Engine Option

Power	Mercedes 6V 501 C 300 kW / 2000 min ⁻¹
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Drive Train

Torque converter

Manufacturer	Dana
Type	Series CL 8 000
Design	Single stage with Lock-up

Power shift transmission

Manufacturer	Dana
Type	Series 6 000
Design	Four gears forward / reverse

Electrical Equipment

Operating voltage	24 V
Battery	2 x 12 V / 180 Ah

Weights

Operating weight	31 650 kg
Payload capacity	35 000 kg
Front axle, empty	22 230 kg
Rear axle, empty	9 420 kg
Front axle, loaded	29 400 kg
Rear axle, loaded	37 250 kg

Wheels and Tires

Front wheels

Rim size	22.00 - 25 / 2.0
Tire size	26.5 - 25
Tire pressure	6.5 ± 0.1 bar

Rear wheels

Rim size	22.00 - 25 / 3.0
Tire size	26.5 - 25
Tire pressure	8.0 ± 0.1 bar

Brakes (Service and Parking)

Design	Multi disk spring brake, SAHR
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Axles

Front and rear

Manufacturer	Kessler
Type	D91
Differential	Standard

Lighting System

Main / reverse headlights	LED
Additional headlights	LED

Dump / Hoist Hydraulic System

Pump displacement volume	85.5 cm ³ /rev
System pressure	185 bar
Number of dump cylinders	1
Body raising, laden	19.0 s
Body lowering, unladen	20 s

Steering Hydraulic System

Pump displacement volume	85 cm ³ /rev
System pressure	175 bar
Number of steering cylinders	2



Tramming Capacities

Max. tramming speed (laden fwd/ rev on level road)	
1st gear	5.5 km/h / 5.7 km/h*
2nd gear	9.5 km/h / 10.0 km/h*
3rd gear	16.0 km/h / 18.0 km/h*
4th gear	25.5 km/h / 31.5 km/h*
Max. admissible gradient	25 %

Steering

Design	Swivel joint hydr. power steering
Steering angle	± 42°
Outer turn radius	9 630 ± 350 mm
Inner turn radius	5 180 ± 350 mm



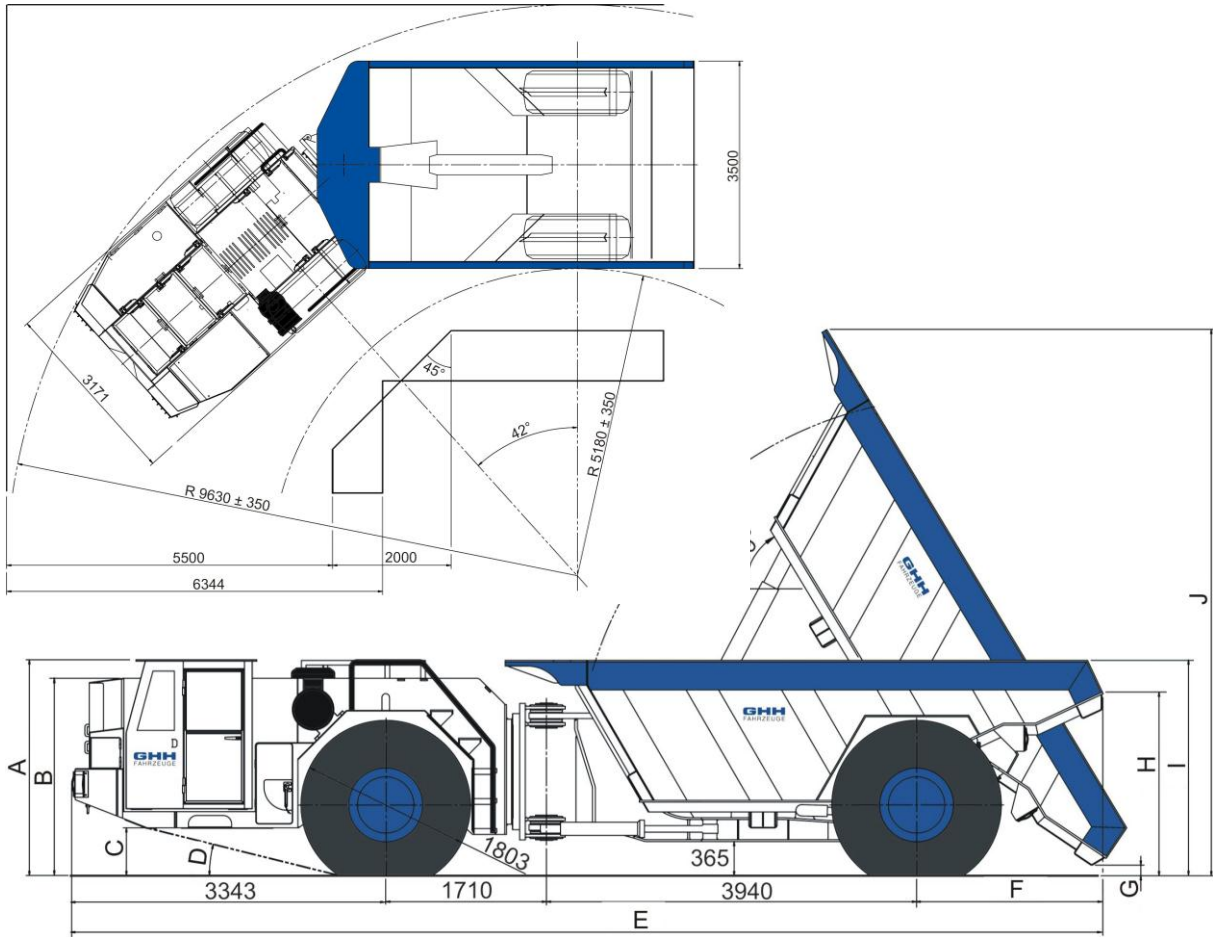
Filling Volumes

Fuel tank	475 l
Hydraulic tank	430 l
Engine with oil filter	40 l
Coolant	80 l
Torque converter/ power shift transmission circuit	58 l
Front axle differential gear	47 l
Front axle planetary gear	2 x 4.5 l
Rear axle planetary gear	47 l
Rear axle planetary gear	2 x 4.5 l

Options

Diesel Particulate Filter (DPF)	Camera system
Central lubrication system	Collision avoidance systems (CAS)
Fire suppression, manual / auto	Corrosion protection kit
Open / Closed cabin	Fast fuelling system
Heating system	Spare wheel

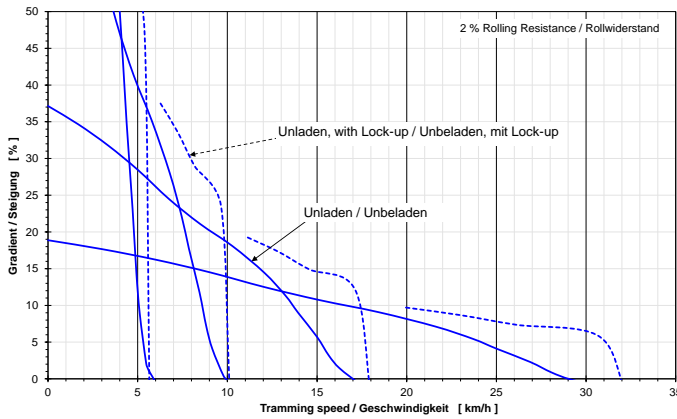
* Converter / Lock up mode



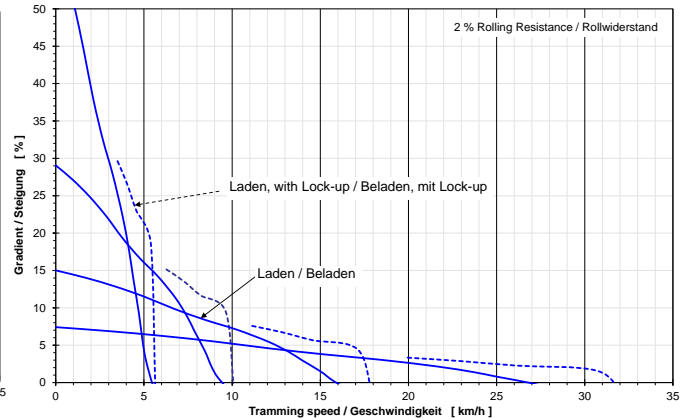
Min. Section Height	Capacity	A	B	C	D	E	F	G	H	I	J
2 200 mm	15 m ³	2000	2000	409	13°	10468	1475	448	1659	2000	5676
2 500 mm	17 m ³	2300	2102	509	14°	10975	1982	113	1959	2300	5826

Gradeability Diagram

Unladen



Laden



* Changes may apply without prior notice. Featured machines in photos may include variations / additional equipment.

