
TA 230 Litronic

Support logistics –
secure deployment

LIEBHERR

Liebherr-Hydraulikbagger GmbH



Ready for challenging missions



The TA 230 Litronic as a carrier vehicle is more than just an articulated chassis. It serves as the solid framework for operations in the most demanding terrain, whether for military units and logistics forces, civil defence or authorities at home and abroad. Due to its high degree of flexibility, it is suitable for a wide range of superstructures and applications, from container transport to specialised defence systems.

Developed for the toughest operating conditions, the TA 230 Litronic offers a robust design, high mobility and powerful performance. Whether off-road or in a logistics network – the TA 230 Litronic is ready for any mission.

Performance

- Powerful drive unit for maximum traction in difficult terrain
- High payload for a wide range of military superstructures
- High ground clearance and off-road capability thanks to permanent all-wheel drive

Maintainability

- Maintenance-friendly design with easy access to maintenance points for short downtimes

Reliability

- Proven technology ensures high durability and quality of all components, even under extreme operating conditions
- Robust chassis and protected components for use in harsh environments and a long service life

Comfort

- Ergonomically designed cab with excellent all around visibility and intuitive operation for full control, even in complex operating scenarios and under high loads

Technical Data



Diesel Engine

Rating per ISO 9249	265 kW (360 HP) at 2,100 RPM
Model	Liebherr D956
Type	6 cylinder in-line
Bore / Stroke	130 / 150 mm
Displacement	12.0 l
Engine operation	4-stroke diesel Common-Rail Turbo-charged and after-cooled Reduced emissions
Air cleaner	Dry-type air cleaner with pre-cleaner, primary and safety elements
Electrical system	
Voltage	24 V
Batteries	2 x 12 V / 180 Ah
Alternator	Three-phase current 28 V / 140 A
Starter	6.5 kW



Drive Train

Transmission	Automatic powershift transmission with torque converter and converter bypass clutch, 8 forward and 4 reverse speeds, integral distributor gear box with load-switchable inter-axle differential lock
Speeds	57 km/h forward 16 km/h backwards
Drive train	6 x 6 permanent all-wheel drive with automatic inter-axle differential lock, switchable lateral differential lock on all axles (can be activated manually)



Filling Quantities

Fuel tank	365 l
Urea tank	46 l
(only Stage V / Tier 4 Final)	
Cooling system	112 l
Engine oil (incl. filter)	42 l
Hydraulic tank	168 l
Gear oil (replacement volume)	50 l
Axles	105 l



Operating Weight

Axle loads (unladen)	
Front axle	14,200 kg
Middle axle	3,500 kg
Rear axle	3,300 kg
Gross weight	21,000 kg
Axle loads (with maximum load)	
Front axle	16,300 kg
Middle axle	18,200 kg
Rear axle	18,100 kg
Gross weight	52,600 kg
Permissible payload	Up to 31,600 kg*

* depending on the centre of gravity with superstructure



Axles

Front axle	External planetary axle with load-switchable differential lock, four-point suspension with hydro-pneumatic spring cylinders, maintenance-free bearings
Rear axles	External planetary axle with load-switchable differential lock, four-point suspension, maintenance-free bearings



Brakes

Continuous-operation brake system	Electronically controlled continuous-operation brake system consisting of engine brake and hydro-dynamic primary retarder
Operating brake*	Hydraulic multi-disc brakes, 2 brake circuits acting on all wheels
Parking brake*	Disc brake with hydraulic spring accumulator cylinder acting on rear axles

* Brake system complies with standard DIN EN ISO 3450



Steering

Design	Electro-hydraulic, speed-dependent steering, 2 dual-action cylinders combined with articulated steering
Steering angle	± 45°
Steering wheel turns from stop to stop	4,5



Noise emission

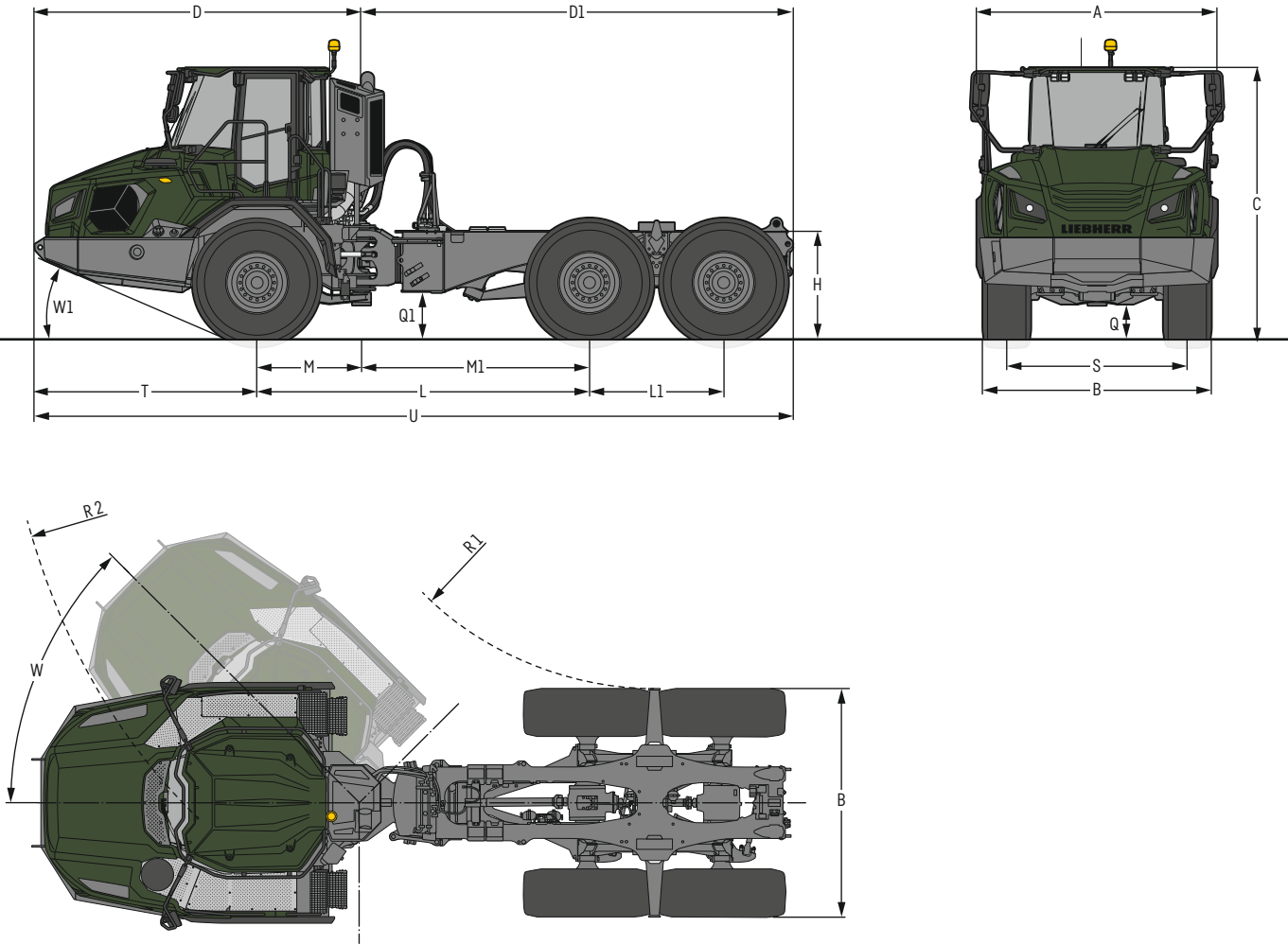
ISO 6396 (Stage V)	72 dB(A) = L _{PA} (inside cab)
2000/14/EG	109 dB(A) = L _{WA} (surround noise)



Off-road capability

Wading depth	680 mm
Front slope angle	23.4°
Tilt angle	15°
Climbing ability	approx. 20°

Dimensions



	mm
A	3,000
B	2,850
C	3,390
D	4,070
D1	5,375
H	1,350
L	4,140
L1	1,670
M	1,300
M1	2,840

	mm
Q	425
Q1	595
R1	4,090
R2	8,055
S	2,245
T	2,770
U	9,445
W	45.0°
W1	23.4°