

F.X.S. SAUERBURGER

**INNOVATIVE MACHINERY
FROM THE SOUTH OF GERMANY**

○ INNOVATION

○ TRADITION

○ PASSION

○ MADE IN GERMANY



Slope Tractor Grip4-70

- The versatile all-rounder – confident and safe in every situation
- Two-axle mower for mountain agriculture and municipal applications
- Also available in the Premium version



EFFICIENT WORKING WITH THE Grip4-70

The Grip4-70 is a versatile slope tractor, ideally suited for mountain agriculture, municipal applications and landscape maintenance. The centrally positioned driver's cab provides excellent all-round visibility of the entire vehicle as well as an optimum view of the implement mounted on the front linkage. This unique seating position enhances both driving comfort and ease of operation.

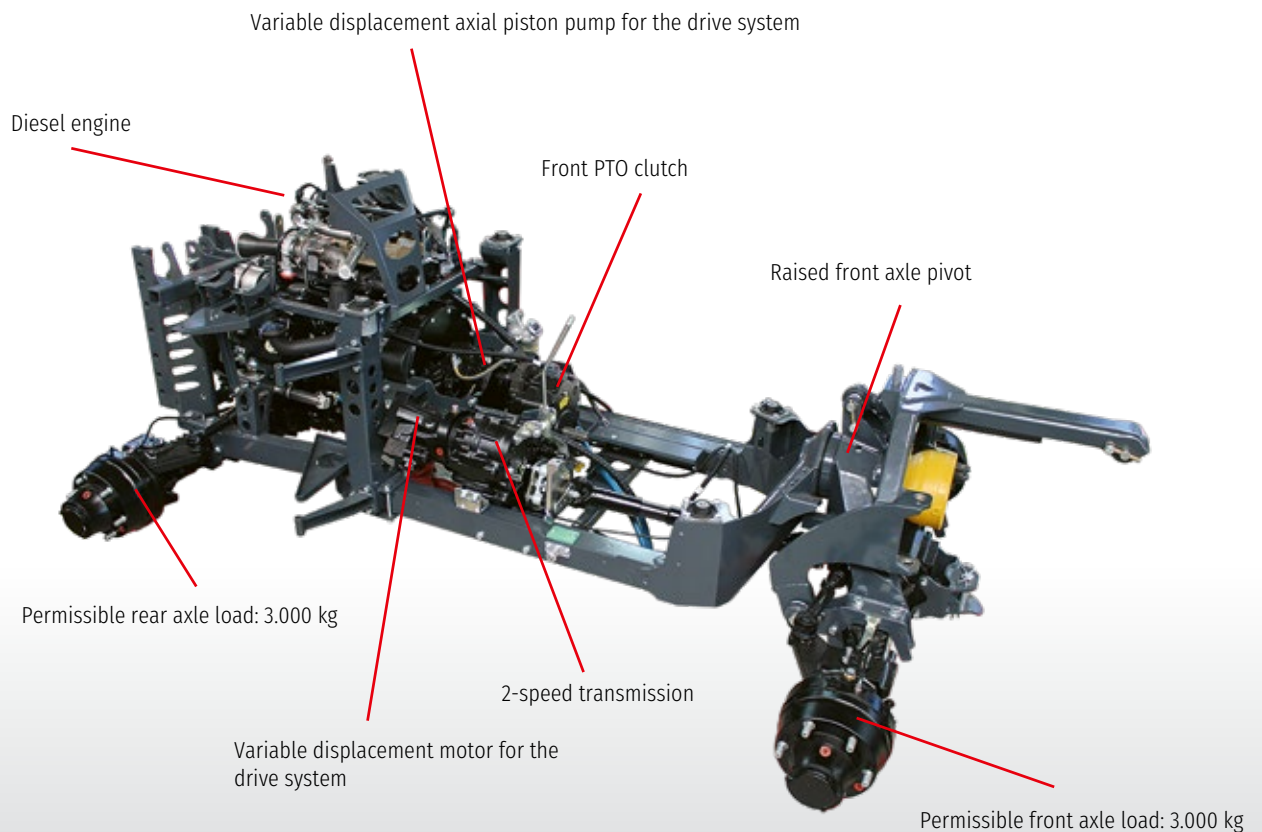
Thanks to the laterally adjustable front three-point linkage and the quick coupler on the rear linkage, implements can be attached to the front and rear quickly, easily and conveniently. The vehicle can be combined perfectly with mulchers, mowers and other implements for landscape maintenance and municipal applications.



TORSIONALLY RIGID, TWIN-RAIL VEHICLE FRAME

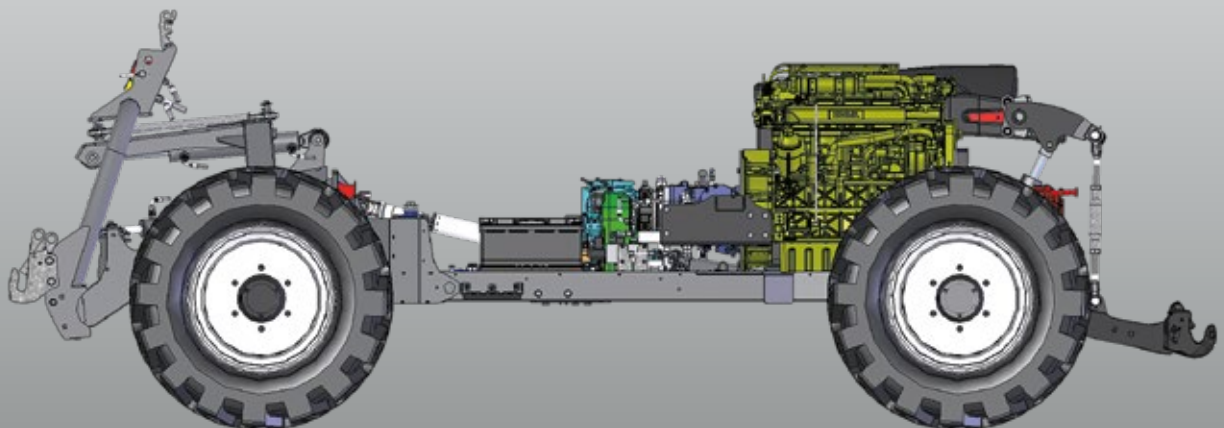
The robust frame construction forms the backbone of the machine. All components are arranged for easy servicing and are readily accessible. High-quality materials and precision manufacturing ensure durability and reliability, even under demanding operating conditions.

Thanks to its compact design, the centre of gravity remains low, ensuring excellent slope capability and driving stability. The optimum arrangement of the components provides a low centre of gravity, outstanding slope performance and exceptional resistance to tipping.



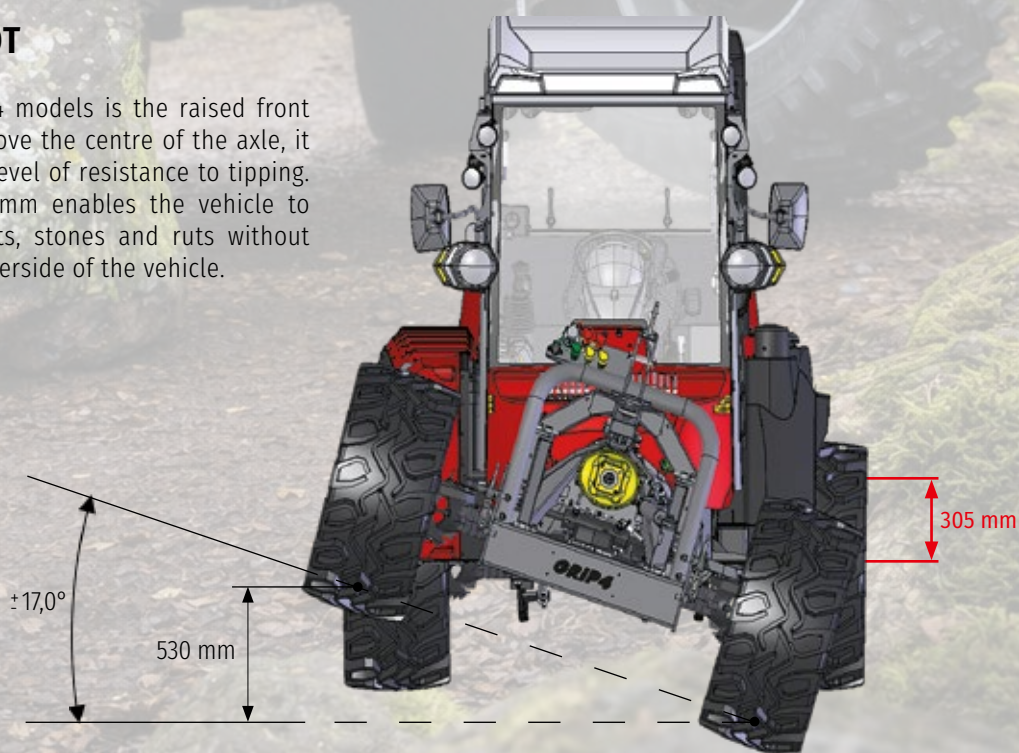
VERY LOW CENTRE OF GRAVITY

All heavy components are positioned well below the front axle pivot. This gives the vehicle a particularly low centre of gravity.



RAISED FRONT AXLE PIVOT

A key design feature of the Grip4 models is the raised front axle pivot. Positioned 305 mm above the centre of the axle, it provides the vehicle with a high level of resistance to tipping. Ground clearance of up to 410 mm enables the vehicle to negotiate obstacles such as roots, stones and ruts without damaging components on the underside of the vehicle.

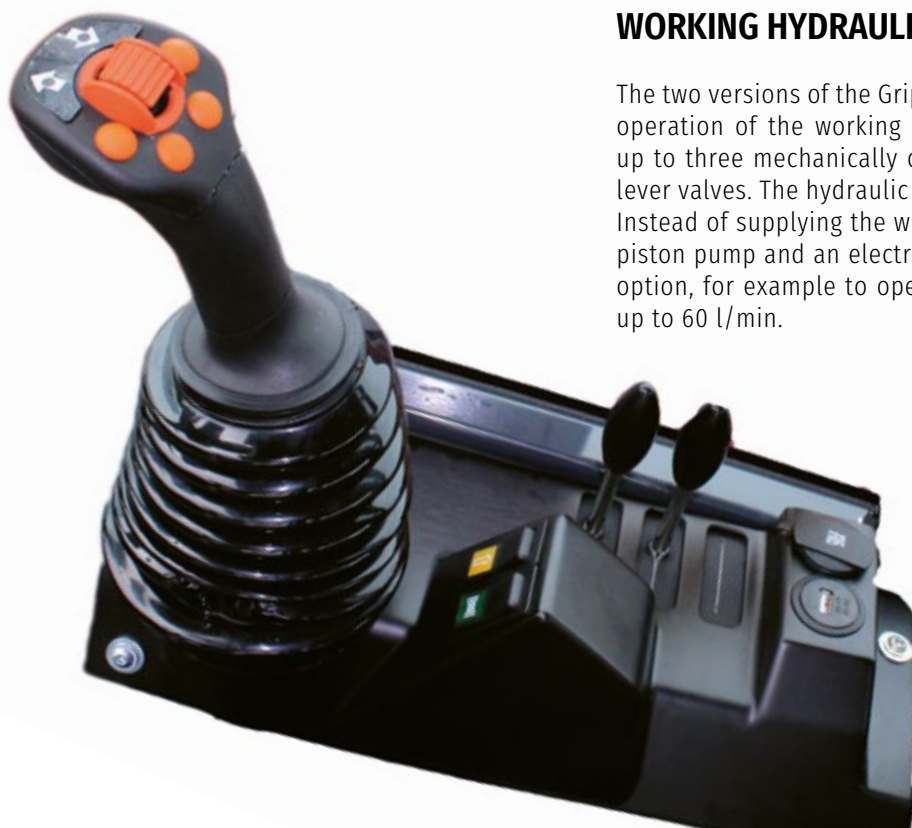


Grip4-70 CAB INTERIOR



WORKING HYDRAULICS

The two versions of the Grip4-70 differ primarily in the technology and operation of the working hydraulics. The Grip4-70 is equipped with up to three mechanically operated, proportionally controlled single-lever valves. The hydraulic lines are routed to both the front and rear. Instead of supplying the working hydraulics via a gear pump, an axial piston pump and an electrically actuated valve can be selected as an option, for example to operate a hydraulic motor with a flow rate of up to 60 l/min.



Grip4-70 Premium CAB INTERIOR



WORKING HYDRAULICS

The Grip4-70 Premium is equipped with a completely new, ergonomically designed control console integrated into the armrest. All hydraulic control functions can be programmed via the touchscreen display. The flow rate can be adjusted individually for each control valve. The valves can be configured as single-acting or double-acting, with or without a float position. The selected settings and activated working-hydraulic functions, together with various operating statuses, are shown on a 7-inch display mounted on the right-hand A-pillar.





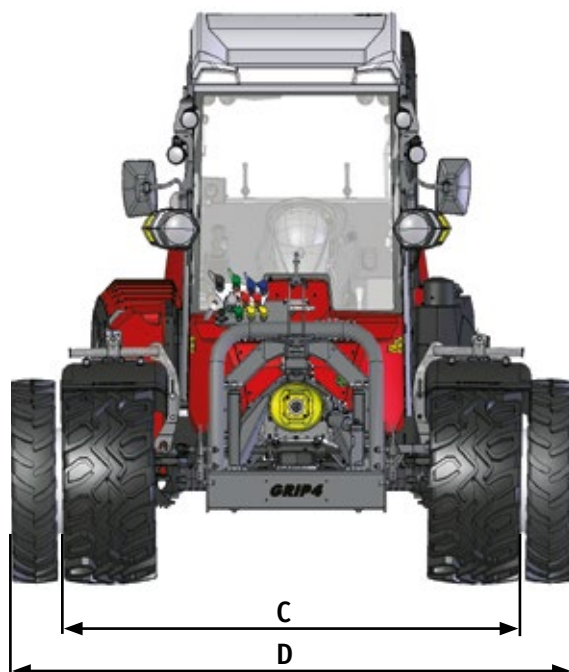
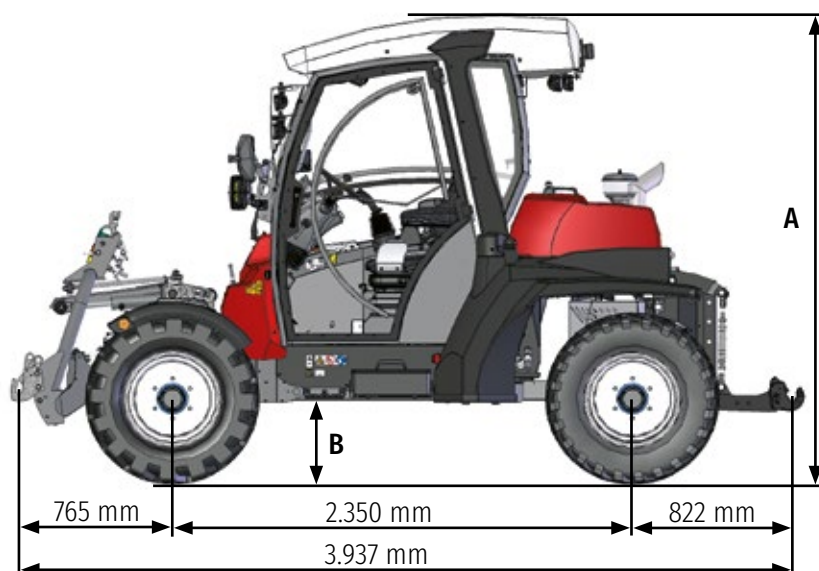
COOLING SYSTEM

The Grip4-70 cooling package is mounted on the side of the cab.

Clean cooling air is drawn in above the radiator housing. The warm exhaust air can then flow out again at the side of the vehicle.

This special cooling system for two-axle mowers prevents heated and contaminated exhaust air from entering the engine compartment. This significantly reduces the risk of fire.

DIMENSIONS



Item no.	Tyres	A	B	C
8072A005	33 x 15.50 - 15 Trac Master by BKT	2.369 mm	373 mm	2.042 mm
8072A030	440 / 50 R17 TrackSuper by BKT	2.386 mm	390 mm	2.078 mm
8072A040	425 / 55 R17 AS profile by Mitas	2.390 mm	394 mm	2.063 mm
8072A006	500 / 50 R17 AS by TIANLI	2.406 mm	410 mm	2.208 mm
8072A051	500 / 50 R17 Grass King by TIANLI	2.406 mm	410 mm	2.208 mm
8072A043	33 x 15.50 - 16.5 LG306 by BKT	2.369 mm	373 mm	2.048 mm

Item no.	Matching twin wheel	D
8072A054	Twin wheels 7.50 - 16 AS by BKT	2.542 mm
8072A055	Twin wheels 7.50 - 18 AS by BKT	2.578 mm
8072A055	Twin wheels 7.50 - 18 AS by BKT	2.563 mm
8072A055	Twin wheels 7.50 - 18 AS by BKT	2.708 mm
8072A055	Twin wheels 7.50 - 18 AS by BKT	2.708 mm
n/a		



Kohler KDI 2504TCR engine

POWERFUL ENGINE

The Grip4-70 is powered by the high-performance Kohler KDI 2504TCR 4-cylinder turbo diesel engine. With a displacement of 2.5 litres, an output of 75 hp (55 kW) at 2.300 rpm and a maximum torque of 315 Nm at 1.500 rpm, the engine delivers impressive pulling power while maintaining low fuel consumption. The modern common-rail direct injection system and precise electronic engine management ensure smooth and efficient power delivery. Water cooling and intercooling keep the operating temperature constant even during demanding applications. The engine complies with the Stage V emissions standard and therefore operates particularly quietly and with low emissions. This combination of high torque, smooth running and robust construction makes the Grip4-70 a reliable partner for professional agricultural applications.

FRONT AND REAR HYDRAULICS



The working hydraulic control valves of the Grip4-70 are mechanically operated and supplied with oil by a gear pump.



The working hydraulics of the Grip4-70 Premium feature electrohydraulic control and are supplied by a powerful variable displacement axial piston pump with a flow rate of 75 l/min.

POWERFUL LIGHTING FOR EVERY APPLICATION

To ensure that every task can be carried out reliably, regardless of the time of day or weather conditions, the Grip4-70 is equipped with a particularly powerful lighting system. LED rear lights, daytime running lights and work lights provide uniform illumination of the road and working area.



STEERING MODES

The vehicle offers several steering modes: all-wheel steering, front-axle steering, drift steering and crab steering. This ensures excellent manoeuvrability and safety in every situation. The required steering mode can be selected at any time while driving. Automatic steering-angle detection and synchronisation of the wheel positions are provided by absolute encoders.



All-wheel steering

With all-wheel steering, the front and rear wheels are turned synchronously in opposite directions. This reduces the turning circle to a minimum, making it ideal for narrow headlands, sloping terrain and municipal work in confined spaces. This steering mode combines maximum manoeuvrability with excellent directional stability.



Front-axle steering

Classic front-axle steering ensures smooth and precise handling at higher speeds and during transport work. It provides a direct and stable steering response and is the preferred choice for road travel, maintenance work and consistent straight-line driving on slopes.



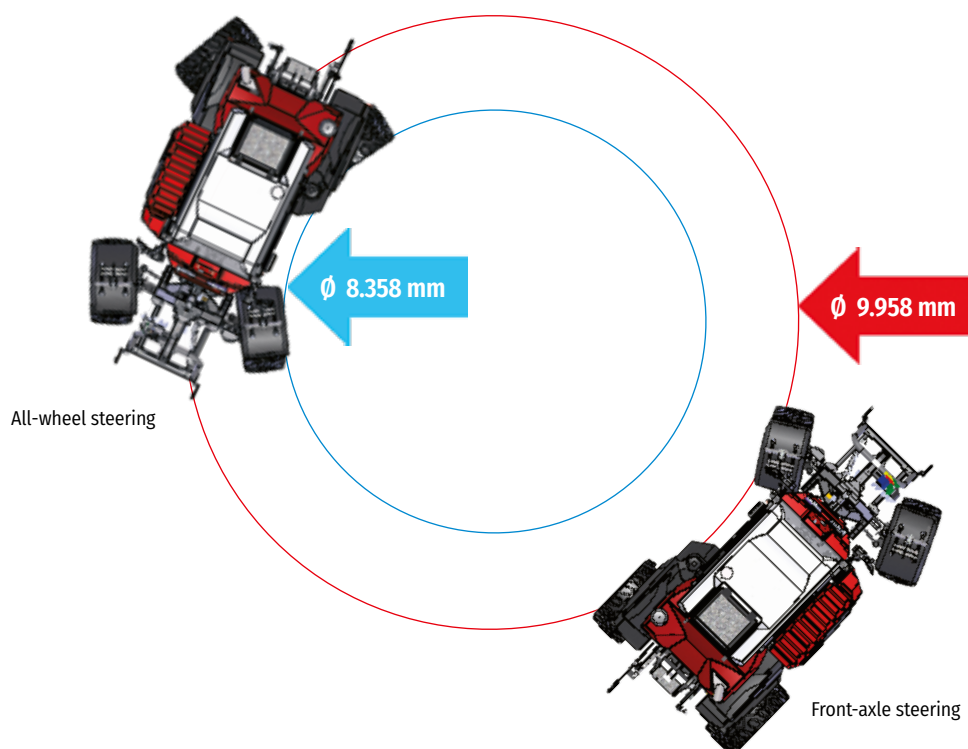
Drift steering

With drift steering, the axles are controlled independently of each other. The front axle is controlled using the steering wheel, while the rear axle is controlled using the joystick.



Crab steering

With crab steering, the front and rear axles are steered parallel to each other but with an offset. As a result, the rear axle does not follow exactly in the track of the front axle. This distributes the load more evenly across the ground and noticeably improves traction. Especially on soft ground, this steering mode reduces rut formation and protects the turf.





	Grip4-70		Grip4-70 Premium	
Engine	• Kohler KDI 2504 4-cylinder turbo engine • 55 kW / 75 hp at 2.300 rpm in accordance with ECE R 24 • Max. torque 315 Nm at 1.500 rpm • Common-rail electronic direct injection with a displacement of 2.5 litres • Stage V emissions standard, water-cooled and intercooled			
Axles	• All-wheel drive as standard • Front axle pivot positioned 305 mm above the centre of the front axle • Pivot angle 17° • Hydraulically operated 100% differential lock on the front and rear axles • Heavy-duty steering drive axle with planetary final drives			
Transmission/ drive system	• Two-stage hydrostatic drive via a variable displacement axial piston pump • Hydraulically shifted 2-speed transmission • Automotive control		• Proportionally controlled hydrostatic drive via a variable displacement axial piston pump • Electro-hydraulically shifted 2-speed transmission • Automotive control	
Service brake	• Hydraulic dual-circuit four-wheel disc brake system with oil-immersed disc brakes			
	• Mechanically operated parking brake		• Electro-hydraulic spring-applied parking brake • Auto Hold function	
Speed	• Off-road 0–20 km/h • on-road 0–40 km/h			
Steering	• 3 steering modes: front-axle steering, all-wheel steering and crab steering • The steering mode can be selected as required, with automatic steering-angle detection and synchronisation of the wheel positions via absolute encoders			
	• Optional: drift steering		• Drift steering	
Cab	• Dust-tight, centrally positioned centrally positioned panoramic comfort cab with panoramic windscreen and safety frame, tested in accordance with 79/622/EEC • Vibration- and noise-damped • Pivoting window in the driver's door • Curved, opening rear window • Tinted windows • Sun blind on the windscreen • Mechanically suspended seat • Steering column adjustable for height and tilt • USB charging socket • Radio preparation including speakers • Cup holder • Heating with blower • Air conditioning • Coat hook			
	• 4.3-inch colour display • Cruise control		• Large 7-inch colour touchscreen display • Multifunction armrest with integrated mobile phone charging compartment • Power supply in the cab via 2-pin and 3-pin sockets • Cruise control with 2 speed memories	
Front linkage	• Three-point linkage with catch hooks, Cat. I, convertible to Cat. II • Hydraulic side shift by 400 mm • Self-regulating linkage relief			
	• Max. lifting capacity 1.500 daN at 195 bar		• Max. lifting capacity 1.700 daN at 195 bar • Self-regulating relief control with vibration damping for road travel • External linkage controls	
Rear linkage	• Max. lifting capacity 1.700 daN at 195 bar			
	• Optional: external linkage controls		• External linkage controls	
Hydraulics	• Mechanically controlled hydraulic valve: 1 double-acting valve with float position and parallel lines to the front and rear • Gear pump, max. flow rate 30 l/min at 195 bar • BG2 flat-face hydraulic quick coupling		• Electrically controlled hydraulic valves: 2 double-acting valves and 1 single-acting valve each at the front and rear • The function and flow rate of all hydraulic valves are adjustable • Variable displacement axial piston pump, max. flow rate 75 l/min at 195 bar • BG2 flat-face hydraulic quick coupling • Manual fan reversal	
PTO shafts	• Front PTO: 1.000 rpm, clockwise rotation in the direction of travel, 1-3/8 Z6 • Rear PTO: 540 and 1.000 rpm, mechanically selectable, clockwise rotation in the direction of travel, 1-3/8 Z6			
Electrical system	• 12 V, 88 Ah • battery with disconnect switch		• 12 V, 110 Ah • battery with disconnect switch • 3-pin socket at the front and rear	
	• Complete road lighting system in accordance with German road traffic regulations, with removable headlights • Front work lighting: 2 LED work lights mounted on the A-pillars • 7-pin socket at the rear			
Weight	• Permissible gross vehicle weight: 4.700 kg • Max. unbraked trailer load: 1.250 kg • Trailer load with overrun brake: 6.000 kg			
	• Unladen weight with standard equipment: 2.580 kg		• Unladen weight with standard equipment: 2.860 kg	
Capacities	• Fuel tank capacity: 86 litres • Hydraulic oil capacity: 61 litres			

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All specifications and illustrations are approximate and non-binding. We reserve the right to make design modifications at any time.



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