



LEITWOLF

A STEP
AHEAD

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ENGINE TECHNOLOGY/STAGE IV/TIER 4 FINAL

The six-cylinder diesel engine has an output of 390 kW/530 hp and generates torque of 2,460 Nm. It is the world's first production vehicle in its class to meet the new "Stage IV/Tier 4 final" exhaust emission standard and offers an impressive reduction in nitrogen oxide emissions.

UNIQUE PARALLEL OFFSET OF THE TILLER

The POWER tiller ensures deep, fine-grained tilling results and offers an exceptional trailing configuration thanks to a unique rear mounting frame. With the parallel offset of the POWER tiller you ensure a perfect finish even in difficult driving conditions.

ULTIMATE CABIN & OPERATING COMFORT

The LEITWOLF driver's cabin offers a comfortable workplace with a central seating position and superb all-round visibility. The standardized PRINOTH instrumentation with a multi-functional joystick and digital 8.4 inch color display make it more comfortable and easier to control than ever before.

AREA COVERAGE & CLIMBING ABILITY

With a track width of 4.5 m, the LEITWOLF is 294 mm wider than comparable vehicles and, thanks to the large track working surface, has the best climbing ability. With the LEITWOLF, you can prepare larger areas in a shorter period, saving time and fuel.

AUTOMATIC WINCH WITH 4.5 T PULLING FORCE

The AUTOMATIC winch is ideally suited to the vehicle, as the central position of the winch pivot point ensures neutral driving behavior. Even with lateral stresses above the side mirrors, the LEITWOLF maintains its lateral stability and offers various possibilities for the preparation of steep slopes and difficult terrains.

CLEANMOTION
MORE WITH LESS

TECHNICAL DATA – LEITWOLF

DIMENSIONS AND WEIGHT

Overall vehicle length	4,660 mm
Overall vehicle length with attachments	9,195 mm
Overall height (without winch)	3,130 mm
Working width	4,500 mm
Front blade with side wings open	5,950 mm
Front blade with side wings closed	5,050 mm
Tiller without hydraulic side wings	5,320 mm
Tiller with hydraulic side wings	6,520 mm
Weight with aluminum track, blade and tiller	11,734 kg
Weight with aluminum track, blade, tiller and winch	13,985 kg

PERFORMANCE

Maximum speed	22.5 km/h
Turning radius	0 (on its own axis)
Climbing ability	up to 100% (depending on snow conditions)
Active undercarriage	independent front and rear height adjustability

ENGINE

Model	Mercedes OM 471 LA
Turbo diesel common rail system and charge air cooling, fully-electronic engine management	
Power output (ECE)	390 kW/523 bhp @ 1,800 rpm
Torque	2,460 Nm @ 1,300 rpm
Displacement	12,820 cm ³
Layout	6 cylinders in line
Exhaust emission standard	Stage IV/Tier 4 final
Emission regulation type	SCR, EGR
Fuel tank capacity	260 l
Ad Blue tank capacity	40 l
Engine braking	

ELECTRICAL SYSTEM

Operating voltage	24 VDC
Battery	2x 12 V - 180 Ah
Starting capacity	1000 A (EN)
Alternator	150 A

DRIVE

Drive pumps	175 cm ³
Drive motor	125 cm ³

ILLUMINATION

- 4 LED working lights at the front
- 2 high/low beam lights
- 2 LED rear working lights
- 2 halogen working lights on mirror rails
- 2 LED fog lights on the side
- 2 direction and positioning lights
- 2 turning lights
- 1 searching light

FRONT BLADE

- MASTER blade
- 12-way front blade with quick-change system
- Individually customizable blade control settings

TILLER

- POWER tiller with quick-change system and hydraulic side wings

CABIN

- Operator seat: Recaro seat as central seat
- Passenger seat: 1 full passenger seat
- Storage box or optional second passenger seat
- Interior features: 8.4 inch color display with USB interface
- PRINOTH multifunctional joystick
- Steering lever control
- Electrically heated front, side and rear windows
- Exterior mirror electrically adjustable and heated
- Heated front wipers
- CD player, MP3 player, USB connection (MP3, WMA), Bluetooth
- Hands-free kit for mobile phone
- Front-side AUX input, DAB, DAB+, DMB, RDS
- Radio equipment-ready
- Hands-free kit for mobile phone
- Automatic heating control
- Electro-hydraulically tiltable cabin
- ROPS certified according to EN15059

AUTOMATIC WINCH

- Maximum winch pulling force: 44.1 kN/4.5 t
- WINCONTROL: auto/eco/manual mode
- Constant pulling force across all cable lengths
- Full pulling force (on vehicle longitudinal axis): +/-35°
- Continuous pulling force reduction to the side
- Winch pivot point adapted to center of gravity machine center for neutral driving behaviour
- Maximum cable length: 1,200 m
- Cable diameter: 11 mm
- Cable breaking strain: 150 kN

STANDARD FUNCTIONS

- Parallel movement of the tiller
- Hydraulic track tensioning
- Adjustable tiller pressure
- Cruise control
- On-board diagnostics
- Stored personalized driver settings
- Reverse operation alarm
- Automatic heating control
- Engine preheating
- Loading platform (in standard vehicle)
- Central locking system

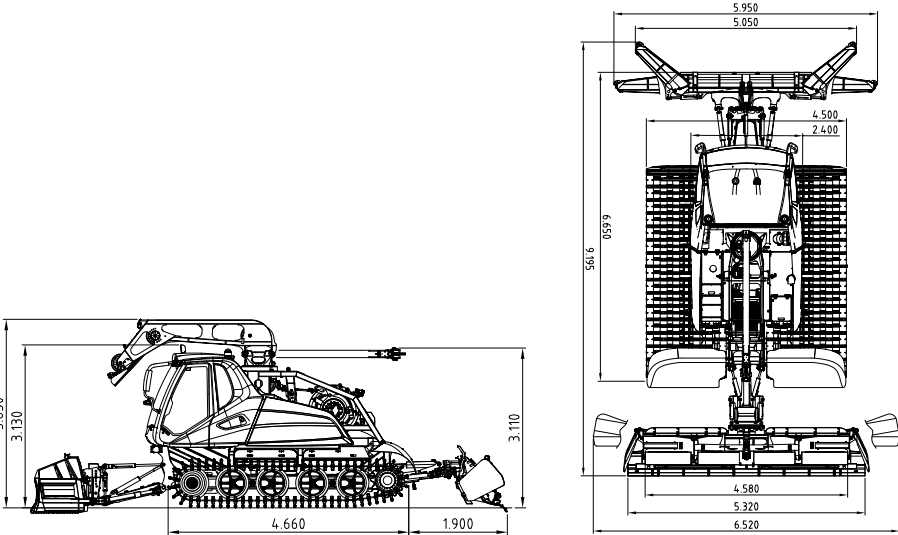
PARK FUNCTIONS - LEITWOLF X

- Inclinometer
- Tape measurement tool
- Improved range of motion of tiller and blade for park application
- Optional: Park blade from BISON X

OPTIONS

- Fully-automatic air conditioning
- Auxiliary alarm
- Front hydraulics
- RESOURCE MANAGEMENT
- SNOW DEPTH MEASUREMENT

Subject to modifications in the course of technological advancement.



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