



LEITWOLF
agripower

THE SILAGE
SPECIALIST





**HARVESTING
BIOMASS**

PRINOTH snow groomers are specialists when it comes to harvesting biomass and other agricultural applications. Their enormous pushing performance makes the distribution of large volumes very easy. Due to their climbing ability and maneuverability, they master heavy pushing work on difficult terrain and even conquer high and steep silage heaps more easily and with better protection against tipping than wheeled vehicles do.

**OPTIMAL USE AND YEAR-ROUND
OPERATION**

The snow groomers' tracks ensure rapid and reliable work flow while the broad blade allows for the application of thin layers that are further compacted by the tracks. Silage work of any type and the transportation of wood chips and other bulk materials are only a few examples of the optimal use and year-round operation of used PRINOTH snow groomers.

**LEITWOLF AGRIPOWER FOR
AGRICULTURE**

The LEITWOLF agripower is a used snow groomer which has been specially and extensively modified for use in agricultural applications. The drive is provided by a tried-and-tested MAN D 2876 engine with 435 hp and 12.8 liters displacement. The maximum torque of 2,000 Nm at only 1,400 rpm ensures low fuel consumption at maximum performance.

**ADJUSTABLE TRACK
DRIVE MECHANISM**

The adjustable track drive mechanism can be used to increase or decrease the track working surface. When the track working surface is decreased, there is greater contact pressure, which helps to compact the silage and improve maneuverability, even on difficult ground. By increasing the track working surface, the vehicle's climbing ability and pushing performance are enhanced, while the low center of gravity boosts these aspects further still.

**GREATER COMPACTING THANKS TO
THE VIBRATING EFFECT**

Single-wheel, hydro pneumatic suspension provides the optimal adaptation to the ground on every type of terrain. This means that the silage can be simultaneously piled up and compacted. Two work steps which would otherwise require two special purpose vehicles. The vibrating effect, which is produced by the tracks and further enhanced by the suspension, improves the compaction of the silage.

**CENTRAL SEAT AND
CONTROL POSITION**

The central seat position guarantees the driver an excellent overview, even on the steepest slopes. Each track can be controlled individually with the control lever, thus providing the perfect conditions for enjoyable and efficient work. Powerful headlights ensure that working conditions are optimal during nighttime operation. There are also two passenger seats, one on each side of the driver's seat.



YEAR-ROUND OPERATION

Silage work, peat work, transportation of wood chips, mulching, construction of reservoirs and other heavy pushing work are just a few examples of the optimal use and year-round operation of the LEITWOLF agripower.



DIESEL ENGINE IN TAKE AIR

Dry, chopped plant material can create a lot of dust. To prevent the air filters from clogging up, the intake air is pre-cleaned by a cyclone filter.



SUMMER TRACKS

The rubberized summer tracks guarantee flawless work. With a large track working surface and low ground pressure, the LEITWOLF agripower has no problem moving over shredded plant material.

AGRIPOWER

LEITWOLF AGRIPOWER

The LEITWOLF is thoroughly overhauled by the manufacturer and extensively modified to make it fit for silage work. This is a PRINOTH guarantee. The agripower name is given to snow grooming vehicles which have been modified by PRINOTH for summer use. We make them fit for tasks away from the pistes. That is the Agripower promise.

SUMMER TRACKS

The summer tracks, with their solid steel core and rubber surface, ensure that the LEITWOLF agripower can maneuver easily on any type of ground, including asphalt and gravel. On request, the vehicle's overall width can be reduced to result in a shipping width of less than 3m, thus ensuring that the vehicle can be loaded and transported with ease.

COMPACTING THE SILAGE

The track drive mechanism of the LEITWOLF agripower ensures rapid and reliable progress, while the large blade allows application of thin layers which are further compacted by the contact surface of the tracks. The vibrating effect, which is produced by the summer tracks, improves the compaction of the silage.

A COMFORTABLE TEMPERATURE IN THE CAB

A special heat-protection adhesive film on the windows limits sunlight entering the cab and prevents overheating. The optional air conditioning unit ensures a pleasant working environment. In order to guarantee flawless operation in high temperatures, the oil in the LEITWOLF agripower is replaced with a high viscosity hydraulic oil, commonly used in agricultural applications.

OPTIMIZED SUMMER COOLING PACK

The vehicle's cooling system is fully modified for silage work. The water cooler, oil cooler and charge-air cooler are all adapted. Cooling fans draw in air, while sucked in plant material is blown back out by counter-rotation of the fan.



The LEITWOLF agripower's modified cooling system

USE ON MOORLAND & PEAT

The LEITWOLF agripower's low ground pressure means that it is suited to use on soft ground, such as moorland and peat.



GENTLE ON THE GROUND

An adjustable load alleviation system guarantees that the ground can be worked in a way that protects both the soil and material, thus ensuring sustainable use of all accessories.



UNIVERSAL USE OF ACCESSORIES

With the optional front and rear cat. 2 power lifts with hydraulic, infinitely adjustable DIN power take-off units, any type of agricultural equipment can be used. These can be operated using the standard controls.



FURTHER APPLICATIONS

WOOD CHIPS

In addition to silage harvesting, the LEITWOLF agripower is ideally suited for the transport of wood chips, for example in district heating plants. The vehicle's low ground pressure prevents it from sinking into the material. The great stability of the LEITWOLF agripower means that work on steep angled ramps is possible. As a result, a smaller surface area is needed to store material, as higher piles are possible to achieve.

RESERVOIRS

The excellent climbing ability and large blade mean that the vehicle is well-suited for distribution of a wide range of bulk material such as humus when constructing large reservoirs. Thanks to its low center of gravity, the vehicle is very stable overall, so even very large inclines can be mastered with ease. Due to the low ground pressure, insulation and pipelines under the material are kept safe from damage.

ACCESSORIES FOR 3-POINT SUSPENSION

The LEITWOLF agripower is also suitable for use in many other agricultural applications and can even be used as a versatile multi-purpose vehicle. Thanks to the optional front and rear category 2 and 3 power lifts with hydraulic, infinitely adjustable DIN power take-off units, any type of agricultural equipment can be used.

SEEDING

Another area of application is the distribution of seeds. First, the uneven terrain is leveled by the large blade. Then, the seeds are distributed at the blade and worked into the ground behind the vehicle by the cultivator. This protects the seeds from the wind and birds.

MOWING AND MULCHING

With its excellent climbing ability and low ground pressure, the LEITWOLF agripower is also well-suited for mowing and mulching work on uneven terrain. Mulchers and mowers can be attached with ease. The load alleviation system means that the ground is worked in a way that protects both the soil and the material.

RECUltIVAtION WITH THE AHWI MULCHER

The AHWI mulchers from PRINOTH are also ideal attachments for recultivating overgrown pistes or mountain slopes, even in steep terrain, with the help of the overhead winch.

PRECISE SILO EDGES

The constant compaction produced by the LEITWOLF agripower prevents the silo edges from breaking off. This results in a precise and efficient way of working without loss of material.



COMFORTABLE WORKING ENVIRONMENT

The vehicle offers a pleasant workplace with an excellent view. The monitoring display with its integrated fault diagnosis is positioned next to the joystick, directly in the driver's field of vision allowing uninterrupted monitoring of the vehicle's parameters.



PUSHING PERFORMANCE & MANEUVERABILITY

Due to the enormous pushing performance and maneuverability, working with the LEITWOLF agripower to introduce silage in biogas plants is much more efficient than doing so with wheeled vehicles.

TAKE ADVANTAGE OF IT!

THE SUPERIOR ALTERNATIVE

Even if a snow grooming vehicle on a silo seems a bit unusual, the LEITWOLF agripower is superior to wheeled vehicles in many ways. Its low ground pressure prevents the vehicle from sinking into the material, while the high traction of the tracks offers outstanding climbing and compacting ability.

PLAY IT SAFE

The LEITWOLF agripower offers a major benefit in terms of operational safety. Thanks to the wide tracks and the low ground pressure, no ruts are formed in the ground. This minimizes the risk of the dump box unit tipping over when unloading material due to furrows in the ground.

A WIDE RANGE OF POSSIBLE APPLICATIONS

As a multi-purpose vehicle, the LEITWOLF agripower offers flexible, year-round use for harvesting biomass as well as for many different types of agricultural work. Find out about the possibilities and you will soon see that your LEITWOLF won't be standing idle in the garage for long. Your sales partner will be pleased to advise you.

SERVICE – ALWAYS THERE FOR YOU

Our global service network is always there for you. We guarantee expert support and technical assistance during revisions, repairs, and maintenance work. The availability of original replacement parts guarantee that your operations remain problem-free.

GUARANTEED QUALITY

How is a LEITWOLF transformed into a LEITWOLF agripower? The used LEITWOLF is carefully overhauled and modified by PRINOTH, and its appearance is also reconditioned. You can choose either our SILVER or GOLD overhaul category to suit your needs and benefit from the corresponding warranty.

DIMENSIONS AND WEIGHT

Vehicle length with blade	7,000 mm
Working width of blade with opened wings	5,360 mm
Working width of blade with closed wings	3,000 mm
Maximum vehicle height	3,665 mm
Working width across summer tracks	3,120 mm
Loading area	1,540 x 1,740 mm
Recommended garage dimensions	Length: 10,000 mm Width: 6,000 mm
Permitted gross weight	10,400 kg
Payload	up to 1,000 kg
Ground Pressure	155 g/cm ²

PERFORMANCE

Maximum speed	23 km/h
Turning radius	0 (on its own axis)
Area coverage at 20 km/h	97,600 m ² /h
Climbing ability	100%

CONTROL

Drive	closed loop hydrostatic system, digital drive electronics
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OPTIONS

Electrical air conditioning unit	3.2 kW
Front and rear power take off unit	
Reduced vehicle width	less than 3 m
Working width of blade with closed wings	less than 3 m

DRIVER'S CAB

Central, adjustable driver seat with seat heating
Two passenger seats
Steering levers
Prepared for CB radio
7-inch display
Heated wipers
ROPS certified according to EN 15059
Windows with adhesive film

ENGINE

Model	MAN D2876 LE 103
Power output (ECE)	320 kW/435 hp/329 bhp
Maximum torque	2,000 Nm @ 1,400 rpm
Total displacement	12,816 cm ³
Number of cylinders	6 cylinders in line
Exhaust emission standard	Stage 3A/Tier 3
Tank capacity fuel	217 l
Optimized cooler pack	

ACCESSORIES

Drum winch	34.4 kN/3.5 t
Optional front and rear category 2 power lifts	
AHWI mulcher	

ELECTRICAL SYSTEM

Operating voltage	24 V
Starter	24 V
Alternator	28 V/140 A
Battery	2 x 12 VDC - 180 Ah
Starting capacity	1000 A (EN)

LIGHTING

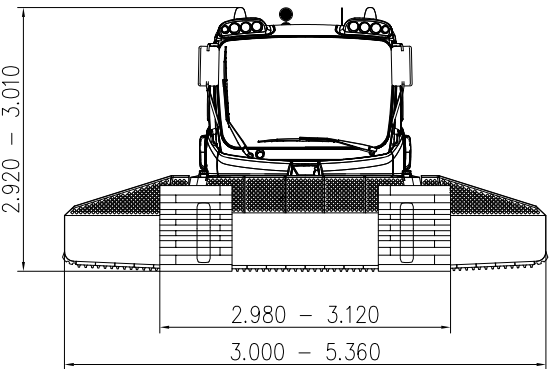
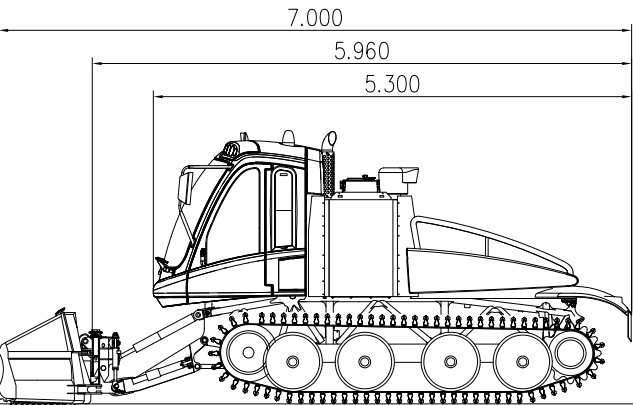
2 Xenon work lights at the front
2 Halogen work lights at the front
2 Halogen work lights on the mirror holders
1 search light
2 turning lights
2 turn indicators and navigation lights

DRIVE

Drive pumps	140 cm ³
Traction drive	18.2:1

BLADES

12-way blade with quick-change system



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