GEOTRAC SERIES 4 ALPIN

Tractors of a new generation – 64 / 74 ep / 84 ep / 94 ep

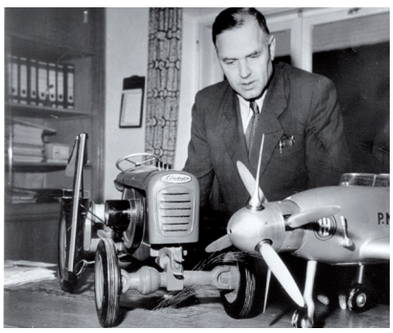
www.lindner-traktoren.at

Lindner

FROM S14 TO GEOTRAC
Over 60 years of Lindner tractors

Management trio: KR Mag. Hermann Lindner, Ing. Stefan Lindner, Rudolf Lindner

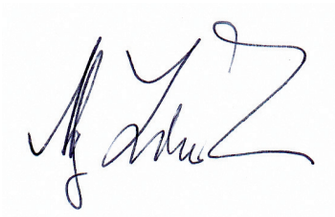
The new technology centre at the production plant in Kundl, Austria



LINDNER-TRACTORS

A family company, Austria's Lindner Tractors and Transporters has been making products for mountain and grassland agricultural as well as forest and urban operations since 1948. Following its experience in building aircraft, Lindner made a name for itself as an all-wheel-drive specialist by manufacturing the first four-wheel-drive tractors in Austria. Just as when it started, Lindner builds specialised vehicles that set themselves apart by their off-road agility, their compact and robust construction and high quality components. „Our grandfathers built this company on the principles innovation and a pioneering spirit, which continue to be the cornerstone of our success.

From the start we have striven to keep up with changes in agriculture and to flexibly accommodate the needs of farmers. Modern technology, functional design and innovative ideas as well as the best possible customer service are our core values. Reliability and tradition are our trademarks. Today, excellently trained employees working at our plant in Kundl, Austria build modern vehicles that make the pros work easier with their practical solutions."

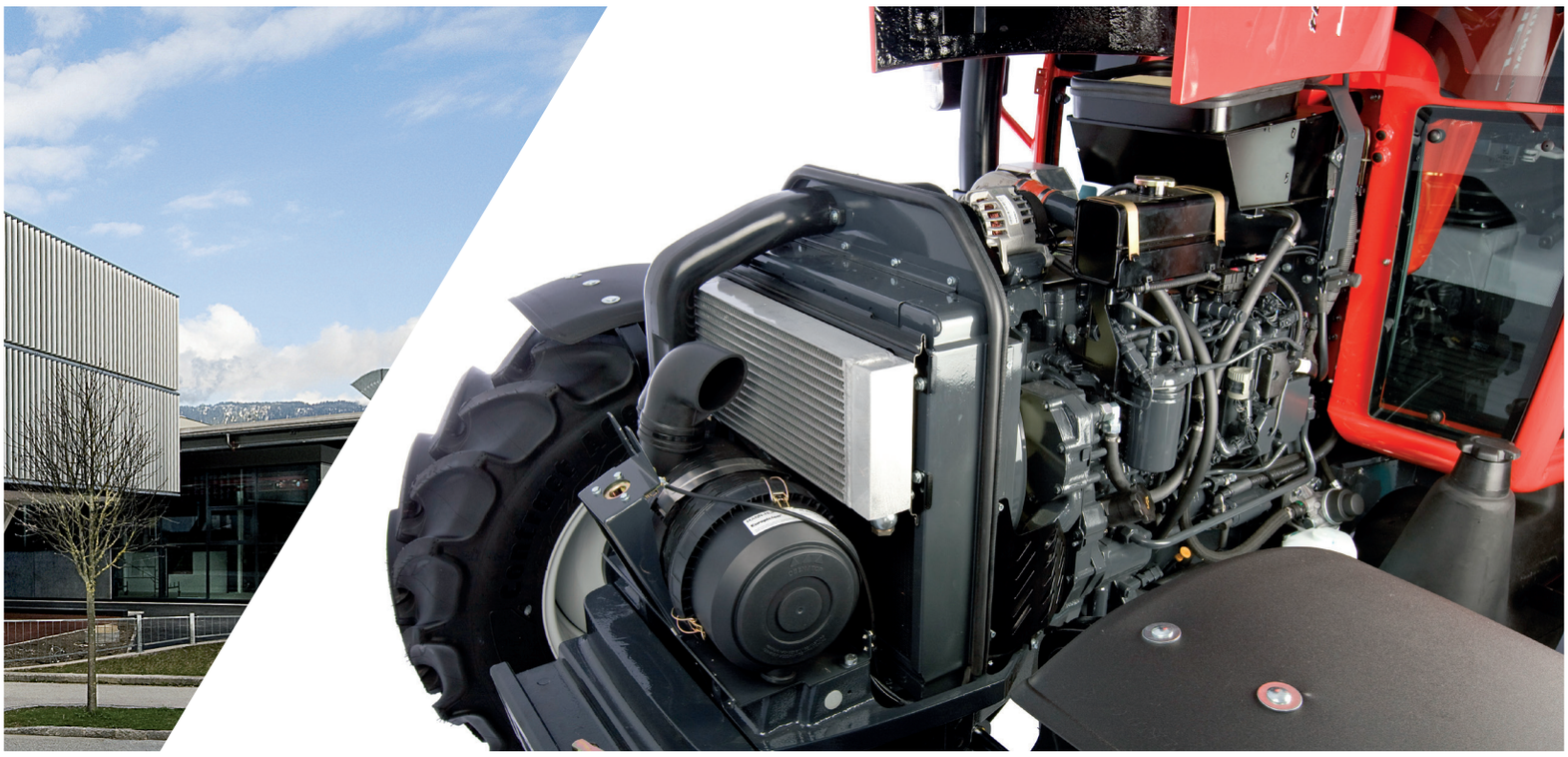


KR Mag. Hermann Lindner
CEO

A technology leader steeped in tradition and poised for a successful future:

Lindner's number one goal is customer satisfaction. As a specialist in all-wheel-drive tractors, Lindner has constantly excited its customers with practical and innovative new products for decades. Customer-oriented solutions, insistence on the highest quality, international collaboration with leading engine, transmission and hydraulic specialists and a motivated developmental team ensure that our new tractors will be second to none.

More than 30,000 customers from mountain and green agriculture, landscape care and forest and communal use have been further developed by the experiences in the daily work helped by the tractors of Lindner. The result today is probably the best series of tractors up to 100 hp that there has ever been from Lindner: the new GEOTRAC Series 4 Alpin.



Series 4 unites all the important technical features of the new Lindner efficient power program.

epp efficient power program

Efficient Motors

The economical 3-cyclinder motor has a high torque. The 4-cylinder turbo diesels offer fuel efficiency and impress with their common rail technology and powerful increase in torque.

Intelligent Cooling Systems

The built-in viscous fans are only activated when needed. In addition, Lindner utilizes demand responsive transmission oil cooling. The advantages: The motors reach working temperature faster and due to the saving in power there is no energy waste.

Optimum Efficiency

As far as transmission technology is concerned, Lindner insists on appropriate automation which increases parallel to the HP. The 4 speed power take-off allows economical functioning.

Innovative Light Technology

Lindner prefers economical LED technology which has an extremely long lifetime. Halogen headlights optimally light the working area at night. Optional xenon working lights provide best possible visibility.

Comfortable Working Environment

Lindner vehicles stand for easy cab access and ergonomic controls. The comfortable cabins guarantee not only ideal all round visibility but also allow a free line of sight upwards. All the way to maximum unloading height.

High-Performance Hydraulics

The separate oil supply stands for safety and ease of use. The 2-circuit system is equipped with separate pumps for transmission, steering and working hydraulics.

CONTENT

CAB
Optimum visibility with innovative safety concept

Cab suspension

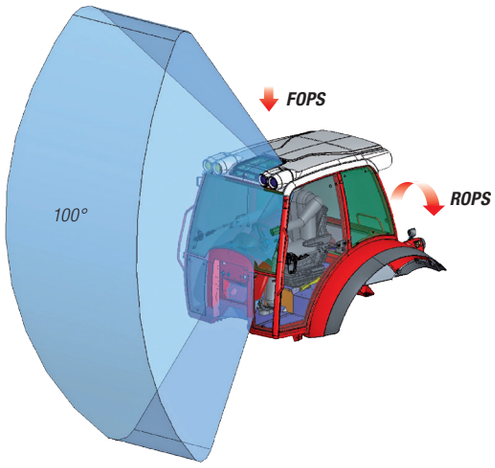
climate control

PANORAMA COMFORT CAB

With its wide safety glass doors, the GEOTRAC Panorama Comfort Cab is easy and ***comfortable to climb into****. Slender cab pillars allow maximum* ***panoramic view. The front loader clear vision screen*** *ensures an optimal view all the way to maximum unloading height. For working heavy sunlight, the clear vision screen can be completely covered with a* ***sun screen****. A sun visor is also included for added operating safety. The* ***opening windscreen****, a wide opening rear window, opening side window and the additional footwell heating and ventilation guarantee* ***comfortable working environment****. The GRAMMER* ***comfort seat*** *with comes as standard. In GEOTRAC 84 ep and 94 ep even with comfortable pneumatic suspension. The 4-point adjustment of backrest, seating surface and neck supports make the seat comfortable for any driver. The passenger seat is position so that the driver is not restricted in its work. Under this is a practical* ***storage compartment****. Optionally, an Iso-Fix bracket is available for child seats. The GEOTRAC 74 ep, 84 ep and 94 ep are optional available with cab suspension mechanical.*

MORE SAFETY

*Lindner has implemented a particularly innovative **safety concept** for the GEOTRAC Series 4 Alpin. The passenger cell is designed as a **ROPS** (Roll Over Protective Structure) and **FOPS** (Falling Object Protective Structure). Therefore, the driver is protected both if the tractor rolls over on a slope and from falling objects, for example during use in forestry work. Therefore the GEOTRAC already meets the future applicable safety guidelines for forestry usage.*



FRESH AIR & AIR CONDITIONING

*With the models GEOTRAC 74 ep, 84 ep and 94 ep a second **fresh air fan** is standard in the cab roof. The filter is attached to the back of the cab and is easy to reach through the rear hydraulics. For additional comfort an **optional air conditioning system** is available. The air recirculation system has a power of 5 kW and reaches an air speed at the nozzles of around 8 metres per second. This guarantees the fastest possible cooling of the cab. As the condenser and evaporator are integrated into the roof, the engine radiator system is not overloaded. The **structural height of the cab** for the series remains **unchanged**.*

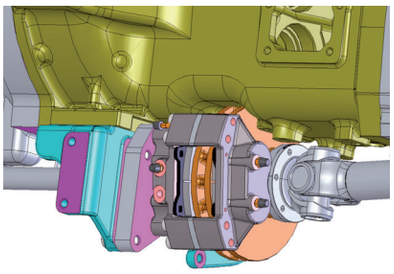
EPP efficient power program

Hot air rises - cold air sinks. Therefore, the heating is down below and the fresh air fan at the top of the cab. Therefore, a pleasant working environment can be achieved, even without air conditioning.

COCKPIT
Comfortable Ergonomics

COCKPIT

The GEOTRAC cockpit is designed for optimal driver ergonomics. All controls are arranged in islands and are softly illuminated. The ***comfort steering wheel*** *in the GEOTRAC 94 ep can be adjusted in height and angle. A practical* ***telephone tray*** *with socket is integrated in the side console. The GEOTRAC can be equipped with an optional Hi-Fi audio system that includes an integrated Bluetooth hands-free speaking unit. From the* ***central info board*** *with I.B.C. display (intelligent on-board computer), which is standard in the GEOTRAC, a variety of functions can be shown and operated. In addition to basic information such as RPM, vehicle speed, indicators and time, the screen can also display battery voltage or can be switched to fuel consumption display, to daily operating time meter or distance driven. Key information messages can be accessed on the I.B.C. display at any time. In GEOTRAC 74 ep, 84 ep and 94 ep, you can also change the fuel consumption indicator. The GEOTRAC 94 ep can be equipped with optional* ***4-wheel shaft brake****. In addition, the* ***safety lock*** *known from the UNITRAC Transporter is available. It functions to mechanically lock the service brake pedal. This additional parking brake allows the vehicle to be shut down safely on a slope.*



The central information board ***with I.B.C. display*** *shows all vehicle information in one convenient place. In addition to RPM and speeds, various other functions can be called up. Pressing a button on the* ***function button*** *or shuttle lever switches between daily operating hours, battery voltage or fuel consumption display. From the I.B.C. display, the driver can activate the daytime running lights and adjust the brightness of the displays individually.*

EPP efficient power program

With the electronic manual throttle two different engine speeds can be stored. Therefore, after turning on the control end, the optimum working speed is quickly resumed.

1 Central Information Board
2 Shuttle Lever
3 Comfort Steering Wheel
4 I.B.C. Function Button
5 Operating Console Hydraulics
6 Manual Throttle + engine speed limit governor (74 ep, 84 ep and 94 ep)

GEOTRAC 94 ep: Safety lock for mountain usage

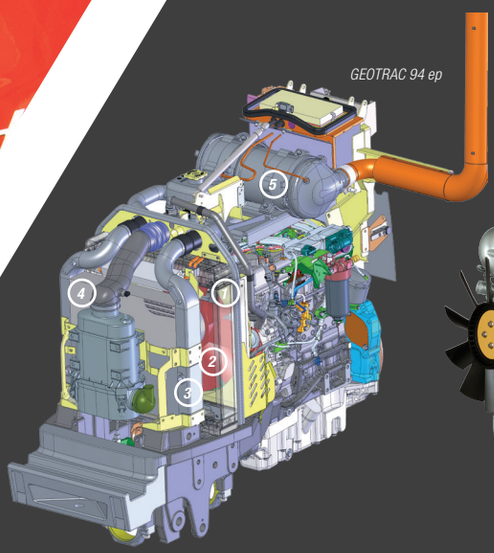
ENGINE
PERKINS-POWER

INFO

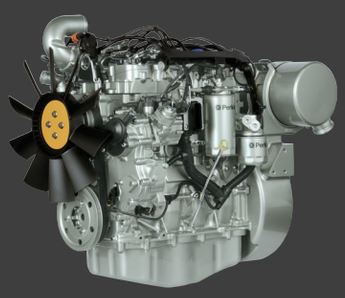
The engines of GEOTRAC Series 4 Alpin are manufactured at PERKINS in Peterborough / England. The power packages comply with the latest exhaust criteria are characterised by an enormous increase in torque. The key engine features are optimised together with Lindner running in all load ranges.

PERKINS-POWER

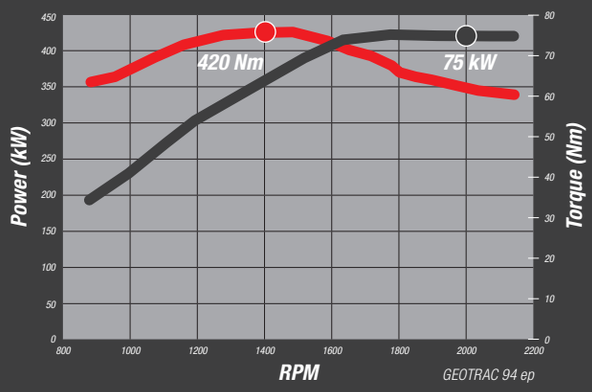
The GEOTRAC 64 has a high-torque 3-cylinder turbo diesel including intercooling with 76 hp / 55 kW nominal engine power and 310 Nm torque at 1400 rpm. The Lindner control of fuel efficiency has shown to customers that this economic engine allows driving under the powerful engines with 3 to 5 litres per operating hour. Even when used with heavy mowing, the consumption is mostly below 8 litres. In the GEOTRAC 74 ep, 84 ep and 94 ep economical 4-cylinder turbo diesels with common rail technology and particulate filter are used and are conform to Level 3B. The Geotrac 74 ep is the efficient further development of the Geotrac 74, the top-selling Lindner-Model of the previous years. The engine provides 76 hp / 55 kW and 318 Nm torque at 1400 rpm. The unit of the Geotrac 84 ep provides 95 hp / 70 kW and 395 Nm torque. If needed the engine speed can be regulated on the rear wing. For example, therefore, a manure mixer can be operated particularly securely and precisely. The normal performance of Geotrac 94 ep is 102 hp / 75 kW at 2200 RPM and 420 Nm torque at 1400 RPM. At 38% higher RPM, the revved up high-performance powertrain sets itself apart with enormous pulling power over a wide RPM range. The GEOTRAC 94 ep PTO delivers roughly 90 horsepower. The fuel tank holds 120 litres.



1 Water cooler, 2 VISCO fan,
3 Oil cooler for power shift transmission,
4 intercooling, 5 particulate filter



GEOTRAC 94 ep



GEOTRAC 94 ep

*The **one-piece bonnet** of the 4-cylinder model with gas pressurised cylinders is comfortable to open.The radiators of the GEOTRAC 94 ep can be slid sideways making them easy to clean without having to be flipped.*

*The **two-part bonnet** of the 3 cylinder model nestles extremely compactly around the engine. Due to the low installation depth of the H4 head-light the front grey component is particularly short and the visibility to all front attachments optimum.*

With the ep-engine speed governor in the Geotrac 74 ep, 84 ep and 94 ep the maximum engine speed can be stored. Reducing the speed to 1900 rpm, up to one litre diesels per operating hour can be saved.

Ep-engine speed limit governor

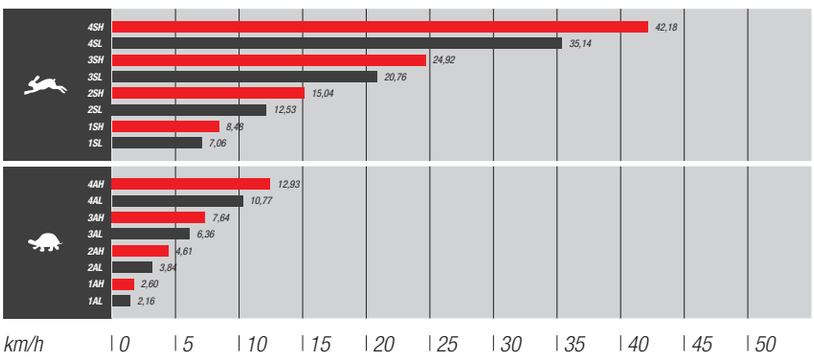
TRANSMISSION
ZF-Quality made in Austria

ZF HIGH POWER TRANSMISSION

*GEOTRAC 64 and 74 ep are equipped with a **ZF-STEYR Fully Synchronous reversing gearbox**. **16** forwards and 8 reverse gears are standard. As desired, the power transmission can be arranged. This allows the half gears to be power shifted at the touch of a button. So the gearbox has 16 forward and 16 reverse gears. The standard 4-point power take-off can optionally be extended with an electrohydraulic shaft clutch. As desire, a stationary travelling PTO shaft is available, particularly helpful when used in forestry.*

*The GEOTRAC 84 ep is equipped as standard with the 2-way power shift transmission from ZF-STEYR with 16 forwards and 16 reverse gears. Due to the forced-feed lubrication the gearbox can work efficiently even on longer usage on slopes. Slopes do not affect the gearbox lubrication. The GEOTRAC 94 ep comes standard with a **ZF-STEYR** power shift transmission with 16 forward and 8 reverse speeds. The duplex power shift with **automating function** (speed-matching) is standard equipment. This function automatically adapts the power shift gear level during gearshifting. The system also allows manual gear selection. Power shift reverse **(Power-Shuttle)** can be operated using the driving direction lever on the steering wheel or via the optional Multicontroller. The buttons for the standard **comfort clutch** are located on the gear selector lever. An optional travelling PTO shaft*

SPEED DIAGRAM AT 2200 RPM *GEOTRAC 94 ep WITH 540/65-R34*

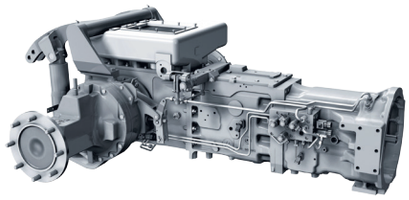


is also available. The heavy-duty rear PTO shaft offers ***4 PTO speeds****. The GEOTRAC 94 ep PTO delivers* ***roughly 90 horsepower****. The PTO shaft starting control allows jerk-free, low wear and safe transmission of power. The operator can select from* ***three different starting curves*** *(soft, medium, hard). PTO shaft is activated by pressing a button in the cab or on the rear mud guards. An electro-hydraulic PTO shaft clutch with* ***remote control*** *is available on the wing for models GEOTRAC 64, 74 ep and 84 ep too, as desired.*

EPP efficient power program

Due to the 4-point power take-off, the optimum PTO rotation is achieved at low engine speed. That saves fuel, spares the attachments and considerably improves the efficiency.

INFO *The gearbox of the GEOTRAC Series 4 Alpin are manufactured in a special assembly plant of ZF in Steyr / Austria for Lindner. The workers their set great store by precision manufacture to achieve one thing: Quality – Made in Austria.*



GEOTRAC & UNITRAC

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HYDRAULICS

BOSCH-Rexroth technology with Lindner know-how

HIGH POWER HYDRAULICS

The GEOTRAC is equipped with ***BOSCH-Rexroth high performance hydraulics*** *with* ***separate oil supply*** *and an output of* ***50 l/min and 55 l/min*** *in the GEOTRAC 74 ep, 84 ep and 94 ep.* ***The hydraulic system is equipped with*** *separate pumps for transmission, steering and working hydraulics. For especially demanding jobs, an optional* ***professional version with a 80 l/min*** *output is available (pump aggregation).*

The GEOTRAC comes standard with two double-acting control units with floating position. These ***load-sensing control units*** *can be supplemented with up to two control units. All hydraulic connections are equipped with high quality hydraulic couplings that share a common leakage oil vessel in the GEOTRAC 94 ep. The optional* ***Multicontroller*** *is for operating the front-end loader, hydraulics and Power-Shuttle. Microswitches allow the operator to switch between different hydraulic functions.*

1 Controlling EHR
2 Ehr Transport
3 Forwards direction of travel (94 ep)/ lift controller (64, 74 ep, 84 ep)
4 Reverse direction of travel (94 ep)/ lower controller (64, 74 ep, 84 ep)
5 EFH Transport
6 Controlling EFH

epp efficient power program

The separate oil management of the GEOTRAC works as an efficient 2-circuit system for steering and work hydraulics and for the gear oil requirements. So no contaminated oil can get from attachments into the gearbox.

INFO

The hydraulic components of the GEOTRAC come from Bosch-Rexroth in Germany. Due to a particularly intensive development cooperation the control panel for the EHR and EFH, as well as the adjustment of the controllers have been further improved. Never before has a hydraulic system with equipment relief has been so simple to operate.

INFO

With the multicontroller the most important hydraulic functions need to operated with one hand without grasping around. That guarantees safety and increases operating comfort. In the Geotrac 94 ep, therefore, even the direction of travel can be changed. The Multicontroller is manufactured at a special components factory of Bosch-Rexroth in France.

FRONT AXLE

Unbelievably manoeuvrable with 52° steering angle

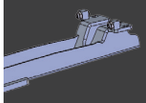
EPP efficient power program

The reinforced Lindner front hydraulic system isdesigned with a support on the rear axle. Instead of the lifting arms an attachment plate can be fitted. That makes the winter service with snow ploughs unproblematic.

FRONT AXLE

*The GEOTRAC comes standard with a **Lindner high performance front axle** that has a maximum permissible axle load of 3,000 kg. With a 52° steering angle and turning circle diameter of 8.0 to 9.3 m, the tractor is extremely manoeuvrable.*

*An optional 4-wheel drive shaft brake with safety lock is available. This system stops uses both the manual brake and service brake to stop the vehicle on a slope. This feature provides maximum safety on steep terrain when the engine is shut off. The GEOTRAC can optionally be equipped with **front PTO**. The PTO runs at 1000 RPM.*



*The optionally available **front hydraulics** with collapsible lifting arms are especially rugged. It is characterised by a compact design in spheroidal cast iron. In the reinforced design with rear axle support in GEOTRAC 74 ep, 84 ep and 94 ep the lifting power is 2500 kg. An integrated equipment unloading is available for protecting the add-on equipment. With the EFH, the support pressure of the GEOTRAC Series 4 Alpin add-on equipment is automatically controlled. Therefore higher usage speeds and optimum pasture quality are possible. For the grassland pro, the GEOTRAC is also available with **axle-driven front hydraulics equipped with EFH and vibration damping**. The system automatically adapts the rotary mowers to impassable terrain and considerably increases efficiency. The support pressure itself can be adjusted while mowing, in which an optimum mowing profile is achieved. By attaching the front hydraulics to the axle, the centre of gravity is displaced as deep as possible underneath. This achieves maximum safety on a slope.*

EFH - Electronic front linkage control with vibration damping

LIGHT
pros work longer

INNOVATIVE LIGHT CONCEPT

The GEOTRAC 4 is the first tractor to be equipped with the most modern ***LED technology Modern bi-halogen and ellipsoid headlights*** *plus 2 rear working lights ensure optimal lighting under both dim and dark skies. Turn signals and side-marker lights are integrated onto the sides of the cab. Optional additional halogen and* ***XENON*** *working lights are also available.*

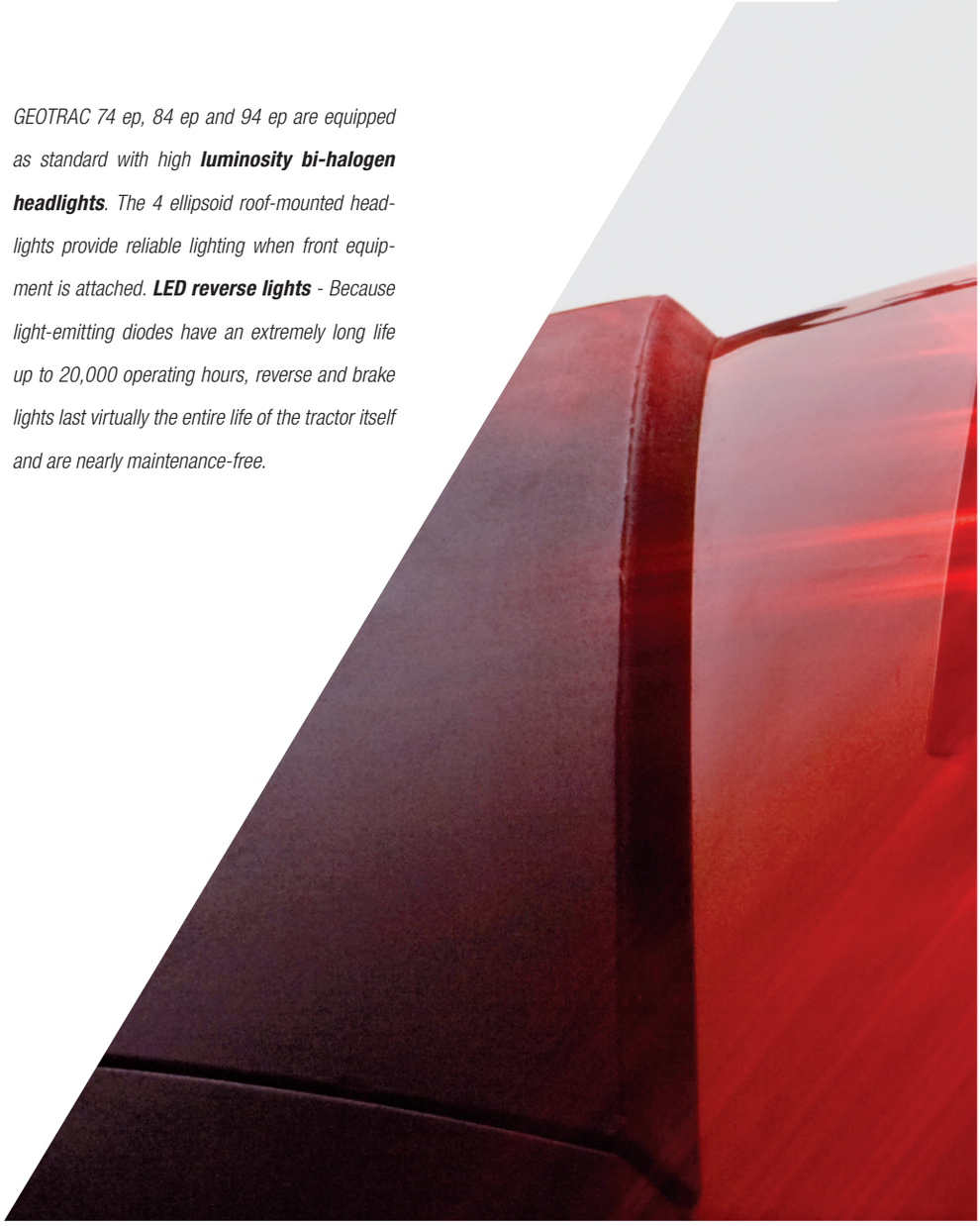
GEOTRAC 74 ep, 84 ep and 94 ep are equipped as standard with high ***luminosity bi-halogen headlights****. The 4 ellipsoid roof-mounted headlights provide reliable lighting when front equipment is attached.* ***LED reverse lights*** *- Because light-emitting diodes have an extremely long life up to 20,000 operating hours, reverse and brake lights last virtually the entire life of the tractor itself and are nearly maintenance-free.*

efficient power program

Light Emitting Diodes Use Less Energy and have a lifetime of up to 20,000 hours of usage. So the LED rear lights of the GEOTRAC last nearly the life of the tractor.

INFO

Normal headlights have two different thickness of filament for full and dipped beam. In the bi-halogen technology, the same thickness of bulb always illuminates. When changing from full to dipped beam, a mirror directs the light and forms a dipped or full beam in front of the vehicle. The illumination is always optimum.



GEOTRAC: the first tractor in the world with LED technology

Bright as day: ellipsoid front headlights

I.B.C. CENTRAL INFO BOARD

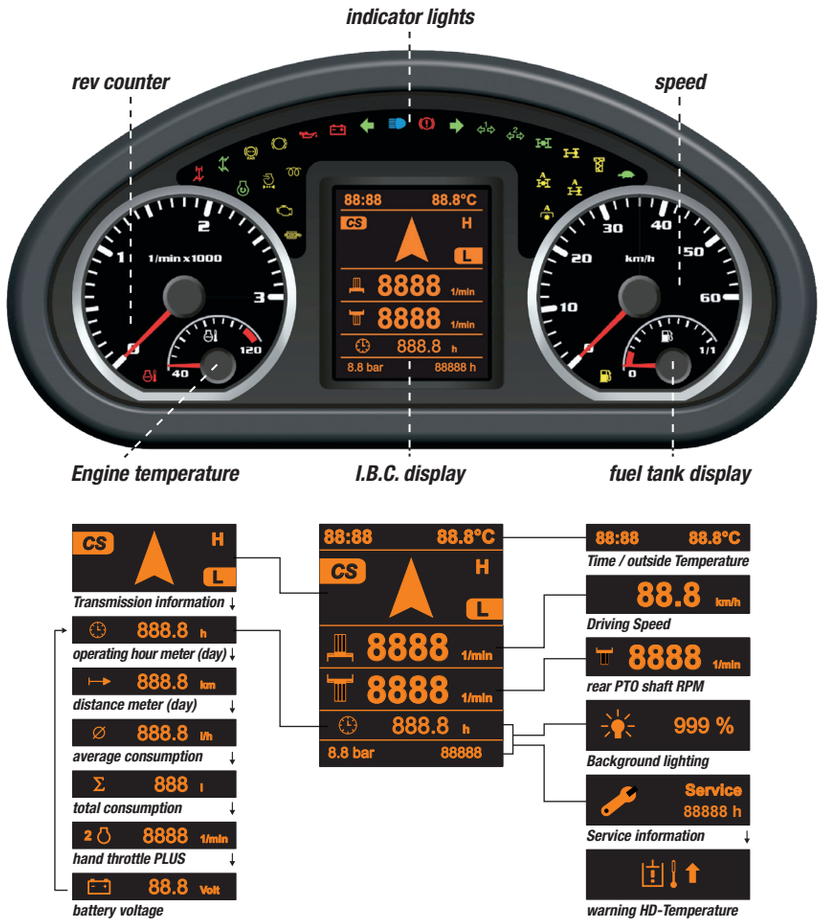
Simple operation and full information

I.B.C. CENTRAL INFO BOARD

*The new central display instrument with **I.B.C. display** combines the transparent display of dial instruments with an intelligent digital display matrix. In the matrix, the **digital drive speed, PTO speeds, time, usage time per day or working process and battery voltage** and the **service display are** shown transparently.*

*In the 4-cylinder models the **fuel consumption computer** is also displayed. Also information on power shift gear levels and direction of travel of the power shuttle can be read off from the display. The various functions of the I.B.C. display can be operated in the GEOTRAC 64, 74 ep and 84 ep using function buttons. In the GEOTRAC 94 ep there is also a rapid selection button on the shuttle lever. The **brightness** of the display can be adapted to the light conditions. In so doing, the driver is not dazzled during the night and the display can also be read off **in bright sunlight**.*

*The I.B.C. central information board informs the drive about the **state of the engine, gearbox** and **hydraulics**. For example, in the GEOTRAC 94 ep, if you have forgotten to deactivate an unused controller, the driver is warned by I.B.C. display of the hydraulic system heating up too quickly.*

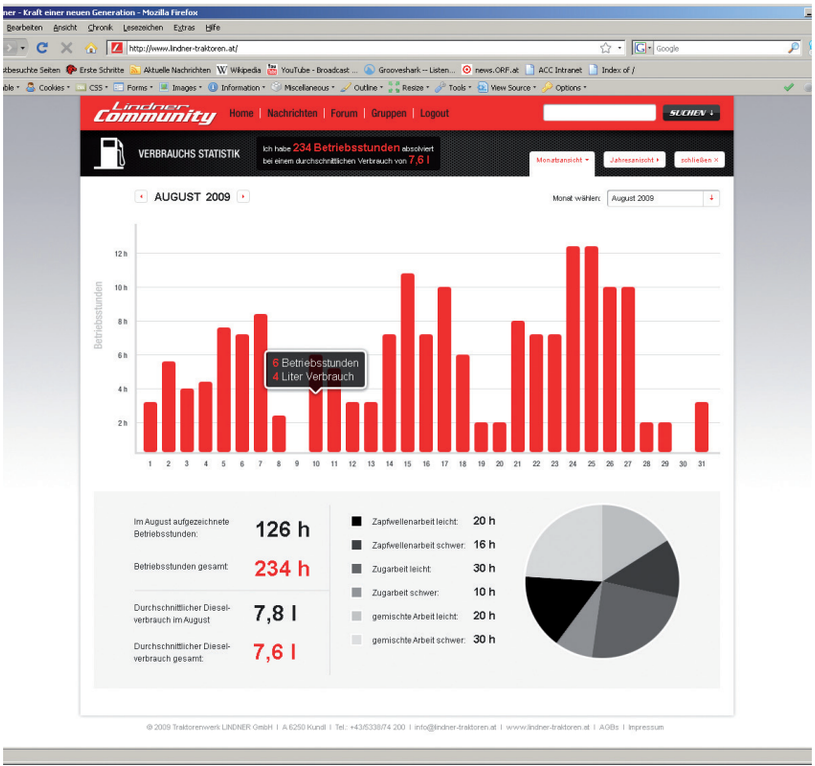


With the fuel consumption display in the GEOTRAC 74 ep, 84 ep and 94 ep, more efficient driving can be learned. The driver sees which engine speed is needed to achieve optimum fuel consumption.

INFO *The IBC central info board is manufactured with precision work in Switzerland. As the digital displays have been legally prescribed in Switzerland for some time, the Swiss engineers have the most experience of sensitive vehicle electronics.*

SERVICE: ECONOMICAL AND FRIENDLY SERVICE

In the new GEOTRAC Series 4 Alpin, simple and ***economical maintenance*** *is highly valued. The engine compartment is easy to access. All top-up holes and maintenance points on the vehicle are easy to access. Continuous service intervals of only* ***every 500 hours*** *are needed. An economical Lindner service package, containing all the necessary replacement parts, is available for each interval. All servicing work can be done without computer. The Lindner service centre can therefore replace tyres or calibrate adjustments to the gearbox quickly and without complication. With the fuel saving computer on the* ***„Lindner Community“*** *online platform, every Lindner driver can compile informative consumption statistics for his GEOTRAC. Lindner customer service helps online with its fuel-saving tips. Every GEOTRAC owner will get the* ***Lindner Advantage Card*** *free of charge, which they can easily use to register for the Lindner Community. Holders of the advantage card get* ***Lindner NEWS free*** *sent hot off the press and they benefit from a* ***5 % discount on every purchase in the Lindner Online Shop****.*



Easy Accessible fuse box

Lindner guarantees a supply of parts for at least 30 years for each vehicle. Common parts are also available for longer. Therefore, a Lindner tractor can be used for several generations.

SPECIAL/STANDARD EQUIPMENT
Overview of Arguments

64	74 ep	84 ep	94 ep	Motorisation
X				3-Cylinder-Perkins-Turbo, 76 hp, 310 Nm
	X			4-Cylinder-Perkins-Turbo, 76 hp, 318 Nm, Common-Rail, particulate filter
		X		4-Cylinder-Perkins-Turbo, 95 hp, 395 Nm, Common-Rail, particulate filter
			X	4-Cylinder-Perkins-Turbo, 102 hp, 420 Nm, Common-Rail, particulate filter
	X	X	X	Viscous fan
	X	X	X	Electronic manual accelerator with 2 programmable buttons
	X	X	X	Fuel consumption display
	X	X	X	Ep-engine speed limit governor

64	74 ep	84 ep	94 ep	Equipment
X	X			16/8-gear-fully-synchronised ZF-Steyr-reversing gearbox
O	O	X		16/16-gear-ZF-Steyr-transmission with power shift
			X	16/8-gear-ZF-Steyr-transmission with power shift + PowerShuttle, Comfortstift, Speedmaching
	X	X		Gearbox oil cooler
			X	On-demand gearbox oil cooler
			X	Electro-hydraulic PTO coupling with 3 level start-up controll
X	O	O	O	Lindner high performance front axle small with 3-star planetary drives 1556 mm flange
	X	X	X	Lindner high performance front axle with 4-star planetary drives 1634 mm flange
	X	X	X	One-piece engine bonnet with comfort opening
X	O	O	O	Cab with low configuration (centre tunnel)
	X	X	X	Cab with level platform
O	O	X	X	Grammer comfort seat (airsprung) inclusive 1 arm rest
O	O	O	X	neck supports
O	O	O	X	Adjustable steering wheel
O	X	X	X	B-pillar trim and comfort interiour
X	X	X	X	Central information board with IBC display (elect. dig. display clock)
O	O	O	O	IBC-inside rear view mirror with rear view camera, GPS and Bluetooth
X	X	X	X	front-end loader clear vision window
O	O	O	X	Extendable side-view mirrors
X	X	X	X	Intermittent wiper
X	X	X		Electronic lift bearing control
O	O	O	X	Electronic lift control incl. Ride control
X	X	X		Lifting unit remote control, right and left rear
			X	Lifting unit- and PTO remote control rear left and right
X	X	X	X	Lower suspension arms - snap coupling
O	O	X	X	Top link - snap coupling
O	O	X		additional lift cylinders - 3500 kp
			X	Lifting power - 4900 kp
X	X	X	X	separate oil supply
X	X	X	X	Adjustable trailer coupling
X	X	X	X	daf + daf (options below available alternative to standard features)
X	X	X	X	4 tilt lines + 1 return flow
X				Bereifung 380/85 **R28** rear & 365/70 R18 front
	X	X		Bereifung 420/85 **R30** rear & 375/70 R20 front
			X	Bereifung 420/85 **R34** rear & 340/85 R24 front
	O	O	X	Fender extension (rear)
	O	O	O	Vineyard model
O	O	O	O	Signal socket ISO 11786

SPECIAL EQUIPMENT:

Forest: *fuel tank protection, forest floor underbody, stationary PTO, forest frame*

Plantation: *narrow gauge, narrow wing, plantation tyres*

Vineyard model: *external width 1.68 m, vineyard model: hydraulic system with pump aggregation 70l/min and fuel distributor, side attachment plate for vine room devices, foldable side mirror*

Urban application: *urban colour RAL 2011, signalling socket for gritter, urban tyres, heated side mirror, rear wiper with washer*

Grounds keeping: *Trelleborg balloon tyres, front hydraulics with cables towards the front*

Driving school equipment: *Upholstered passenger seat, additional brake pedal for passenger side, additional side mirror for passenger.*

Option: all RAL colour available

X = Standard
O = Optional

DIMMENSIONS GEO 94 ep: *Permitted gross weight: 7200 kg, permitted rear axle load: 5000 kg, permitted front axle load: 3000 kg, wheelbase: 2280 mm, partial height: 1840 (*1790); cab can be lowered by a max. 20 mm (central tunnel), windscreen not openable.*

rear tyres	front tyres	max. lengths (A)	max. width (B)	height (C)	gauge (E)
420/85 – R30	380/70 – R20	3489 mm	2112 mm	2541 mm (*2491)	1640 mm
540/65 – R30	440/65 – R20	3485 mm	2160 mm	2544 mm (*2494)	1600 mm
600/65 – R30	425/75 – R20	3559 mm	2210 mm	2571 mm (*2521)	1640 mm
420/85 – R34	340/85 – R24	3604 mm	2111 mm	2598 mm (*2548)	1640 mm
480/70 – R34	380/70 – R24	3591 mm	2126 mm	2590 mm (*2540)**	1640 mm
540/65 – R34	440/65 – R24	3601 mm	2166 mm	2590 mm (*2540)**	1640 mm
600/65 – R34	480/65 – R24	3660 mm	2212 mm	2621 mm	1640 mm
420/85 – R38	380/85 – R24	3687 mm	2105 mm	2650 mm	1640 mm

DIMMENSIONS GEO 84 ep: *Permitted gross weight: 5300 kg, permitted rear axle load: 3300 kg, permitted front axle load: 3000 kg, wheelbase: 2237 mm, partial height: 1754 (*1724); cab can be lowered by a max. 30 mm (central tunnel).*

rear tyres	front tyres	max. lengths (A)	max. width (B)	height (C)	gauge (E)
420/85 – R28	375/70 – R20	3415 mm	2015 mm	2428 mm (*2398)	1556 mm
540/65 – R28	420/65 – R20	3406 mm	2083 mm	2418 mm (*2388)	1556 mm
420/85 – R30	375/70 – R20	3437 mm	2024 mm	2453 mm (*2423)	1516 mm
460/85 – R30	425/75 – R20	3520 mm	2092 mm**	2485 mm (*2455)	1576 mm**
480/70 – R30	420/65 – R20	3430 mm	2071 mm	2442 mm (*2412)	1576 mm
540/65 – R30	420/65 – R20	3442 mm	2102 mm	2453 mm (*2423)**	1576 mm
600/65 – R30	425/75 – R20	3516 mm	2146 mm**	2481 mm (*2451)**	1576 mm**
340/85 – R38	320/85 – R24	3538 mm	1829 mm	2496 mm	1476 mm

DIMMENSIONS GEO 74 ep: *Permitted gross weight: 5300 kg, permitted rear axle load: 3300 kg, permitted front axle load: 3000 kg, wheelbase: 2237 mm, partial height: 1754; cab can be lowered by a max. 30 mm (central tunnel).*

rear tyres	front tyres	max. lengths (A)	max. width (B)	height (C)	gauge (E)
420/85 – R28	375/70 – R20	3261 mm	2015 mm	2428 mm	1556 mm
540/65 – R28	420/65 – R20	3252 mm	2083 mm	2418 mm	1556 mm
420/85 – R30	375/70 – R20	3283 mm	2024 mm	2453 mm	1516 mm
460/85 – R30	425/75 – R20	3366 mm	2092 mm**	2485 mm	1576 mm**
480/70 – R30	420/65 – R20	3276 mm	2071 mm	2442 mm	1576 mm
540/65 – R30	420/65 – R20	3288 mm	2102 mm	2453 mm	1576 mm
600/65 – R30	425/75 – R20	3362 mm	2146 mm**	2481 mm	1576 mm**

DIMMENSIONS GEO 64: *Permitted gross weight: 5300 kg, permitted rear axle load: 3300 kg, permitted front axle load: 2500 kg, wheelbase: 2083 mm, partial height: 1754 (*1704); Attention: When lowering over 20 mm, windscreen not openable.*

rear tyres	front tyres	max. lengths (A)	max. width (B)	height (C)	gauge (E)
380/85 – R24	340/65 – R18	3112 mm	1879 mm	2316 mm (*2296)	1464 mm
480/65 – R24	340/65 – R18	3115 mm	2019 mm	2319 mm (*2299)	1556 mm
380/85 – R28	365/70 – R18	3201 mm	1921 mm	2365 mm (*2345)	1496 mm
420/70 – R28	365/70 – R18	3196 mm	1921 mm	2361 mm (*2341)	1496 mm
480/65 – R28	365/70 – R18	3193 mm	2031 mm	2367 mm (*2347)	1556 mm
540/65 – R28	375/70 – R20	3251 mm	2083 mm	2388 mm (*2368)	1556 mm
380/85 – R30	335/80 – R20	3265 mm	1974 mm	2397 mm (*2377)	1576 mm

*** no chains possible*

Technical data	64	74 ep	84 ep	94 ep
CAB	Green-tinted panoramic glazing; window for viewing the front loader; ROPS & FOPS; opening windscreen, side windows and rear window; passenger seat; door locks; interior trim, Grammer seat; radio, interior lighting with door automation; heating and ventilation system with 2-level high performance vents; immobiliser; continuous current socket (3 poles); automatic indicator switch-off; interval windscreen wipers, mobile phone socket, rear storage compartment; adjustable air vents; sliding sunshade and blind, 4 roof headlights; GEOTRAC 74 ep, 84 ep, & 94 ep; one-piece engine bonnet with comfort opening; optional: Cab suspension			
PLATFORM	Cab with low configuration (tunnel)	Level Platform	Level Platform	Level Platform
DISPLAY	Central Information Board with I.B.C. Display			
ADDITIONAL CAB EQUIPMENT		B pillars and wheel arch casing, fresh air vent with microfilter, rear sliding window	B pillars and wheel arch casing, fresh air vent with microfilter, rear sliding window, Grammer seat with air suspension	B pillars and wheel arch casing, fresh air vent with microfilter, rear sliding window, Grammer seat with air suspension
ENGINE	Perkins 1103D-33TA	Perkins 854E-E34T – Stufe 3B	Perkins 854E-E34T – Stufe 3B	Perkins 854E-E34T – Stufe 3B
Performance (accor. to ISO14396)	55 kW (76 hp) / 2200 rpm	55 kW (76 hp) / 2200 rpm	70kW (95 hp) / 2200 rpm	75 kW (102 HP) / 2200 rpm
Cylinder / Capacity / Cooling	3 / 3300 cm³ / Water	4 / 3400 cm³ / Wasser	4 / 3400 cm³ / Wasser	4 / 3400 cm³ / Wasser
Max. torque at revolutions per minute	310 Nm at 1400 RPM	318 Nm at 1400 RPM	395 Nm at 1400 RPM	420 Nm at 1400 RPM
EFFICIENT POWER PROGRAM	Intercooling, digital display, 4-point power take-off, separate Oil Supply	Common-Rail, viscous fan, digital display, oil cooling system for gearbox, consumption calculator, electronic manual throttle with programmable buttons, 4-point power take-off, separate oil supply, ep-engine speed limit governor	Common-Rail, viscous fan, digital display, oil cooling system for gearbox, consumption calculator, electronic manual throttle with programmable buttons, 4-point power take-off, separate oil supply, ep-engine speed limit governor	Common-Rail, viscous fan, digital display, oil cooling system for gearbox demand responsive, consumption calculator, electronic manual throttle with programmable buttons, 4-point power take-off, separate oil supply, ep-engine speed limit governor
GEARBOX	16/8 gear fully-synchronised ZF-STEYR reversing gearbox, 40 km/h, pressurized lubrication circulation; optional: 16/16 gear power-shift transmission with 2x power shift, additional travelling PTO shaft pressurized lubrication circulation		16/16 gear ZF-STEYR power shift transmission with 2x power shift, 40 km/h, pressurized lubrication circulation optional: Travelling PTO shaft	16/8 gear ZF-STEYR 2x power shift transmission with power shuttle, automation (SP), pressurized lubrication circulation, 40 km/h, comfort clutch, optional: Travelling PTO shaft
POWER TAKE OFF	Power shiftable	Power shiftable	Power shiftable	el.-hydr., 3 levels, power shiftable
Engine PTO	430 / 540 / 750 / 1000 rpm	430 / 540 / 750 / 1000 rpm	430 / 540 / 750 / 1000 rpm	430 / 540 / 750 / 1000 rpm
on request Front PTO shaft	1000 rpm	1000 rpm	1000 rpm	1000 rpm
HYDRAULIC SYSTEM	BOSCH-Rexroth / Load-Sensing	BOSCH-Rexroth / Load-Sensing	BOSCH-Rexroth / Load-Sensing	BOSCH-Rexroth / Load-Sensing
	ELMPC – electr. lifting mechanism position control	ELMPC – electr. lifting mechanism position control	ELMPC – electr. lifting mechanism position control	ELC with vibration damping
Working pressure	185 bar	185 bar	185 bar	185 bar
Max. output (incl. 2nd oil circuit)	50 l/min	55 (80) l/min	55 (80) l/min	55 (80) l/min
Control unit / Tipper guidance	2 x dws / 4 + 1 return	2 x dws / 4 + 1 return	2 x dws / 4 + 1 return	2 x dws / 4 + 1 return
Lifting power / with add. lifting cylinder	2800 kp / 3500 kp	2800 kp / 3500 kp	3500 kp	4900 kp
Lifting power front hydraulics (opt.)	2000 kp	2500 kp	2500 kp	2500 kp
LIGHT	4 x H7 Ellipsoid headlight, top front and 2 x H4 headlight bottom	4 x H7 Ellipsoid headlight, top front (high and low beam light), 2 x Bi-halogen headlight bottom (high and low beam light)		
	2 x H3 Working light at rear, 2 x Rear and brakelight with LED technology and integrated indicator at rear, 2 x side indicators with integrated position light			
DIMENSIONS AND TARE WEIGHT	2880 kg	2950 kg	3380 kg	3950 kg
A greatest length / B greatest width	3201 mm / 1921 mm	3283 mm / 2024 mm	3437 mm / 2024 mm	3604 mm / 2111 mm
C greatest height / D wheelbase	2365 mm / 2083 mm	2453 mm / 2237 mm	2453 mm / 2237 mm	2598 mm / 2280 mm
STANDARD TYRES	365/70 R 18 & 380/85 R 28	375/70 R 20 & 420/85 R 30	375/70 R 20 & 420/85 R 30	340/85 R 24 & 420/85 R 34
STANDARD ADD. EQUIPMENT	Front weight carrier, snap coupling bottom, valve protection, tow sling	Front weight carrier, snap coupling bottom, valve protection, tow sling, particulate filter, battery master switch	Front weight carrier, snap coupling bottom, valve protection, tow sling, upper linkage arm with snap coupling, additional lifting cylinder, particulate filter, battery master switch	Hydraulic aux. tank, Front weight carrier, upper linkage arm and bottom with snap coupling, valve protection, self-locking differential front, head rest, extendable side mirror, battery master switch, particulate filter

ACC

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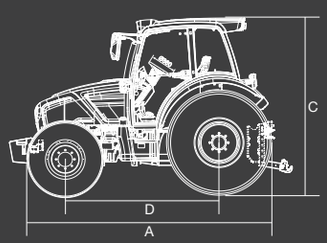

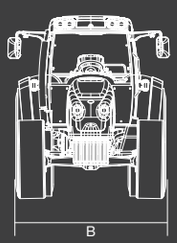

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