

GEOTRAC 94

The Austrian-built professional grade grassland tractor



Lindner

GEOTRAC 94

COCKPIT

The **GEOTRAC 94** cockpit is designed for optimal driver ergonomics. All controls are arranged in islands and are softly illuminated.

The **comfort steering wheel** can be adjusted in height and angle. A practical **telephone tray** with socket is integrated in the side console. The **GEOTRAC 94** can be equipped with an optional Hi-Fi audio system that includes an integrated Bluetooth hands-free speaking unit.

The driver can monitor and operate a vast range of functions via the **Central information board** with **I.B.C.-Display (Intelligent-Bord-Computer)** - standard on the **GEOTRAC 94**. 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.



LIGHT

The **GEOTRAC 94** is the first tractor to be equipped with the most modern **LED technology**. **Modern bi-halogen and 4 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 94

CAB

With its wide safety glass doors, the **GEOTRAC 94** 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 **adjustable windscreen**, a wide opening rear window, adjustable side windows and the multi-speed fresh air blower and additional footwell heater ensure a **pleasant working climate**.

The GRAMMER **comfort seat** with air suspension comes standard. The 4-point adjustment of backrest, seating surface and neck supports make the seat comfortable for any driver.



FRONT AXLE

The **GEOTRAC 94** 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 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.

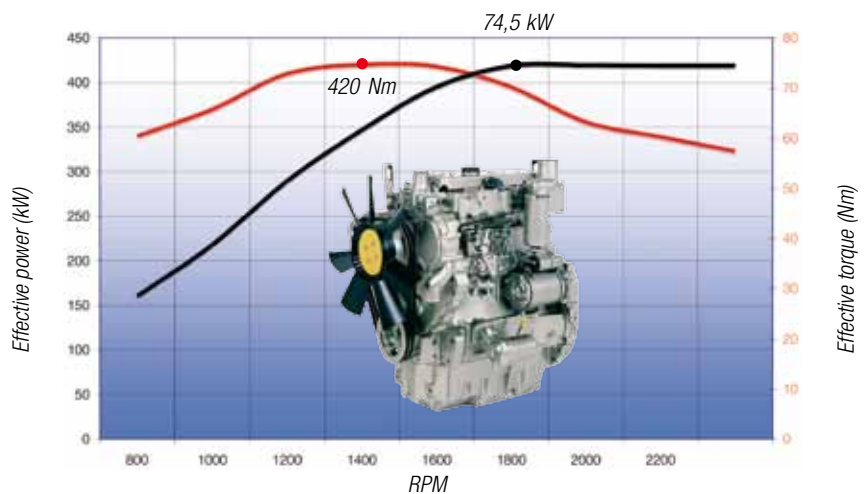


The **GEOTRAC 94** can be equipped with an optional **front PTO**. The PTO runs at 1000 RPM. The optionally available **front hydraulics** with collapsible lifting arms are especially rugged. An integrated equipment unloading is available for protecting the add-on equipment. For the grass-land pro, the **GEOTRAC 94** 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.



ENGINE

The **GEOTRAC 94** is also powered by a **PERKINS 4-cylinder turbo diesel with common rail injection**. Normal performance is 102 horsepower / 74.5 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 PTO** delivers roughly 90 horsepower. The fuel tank holds 120 litres.



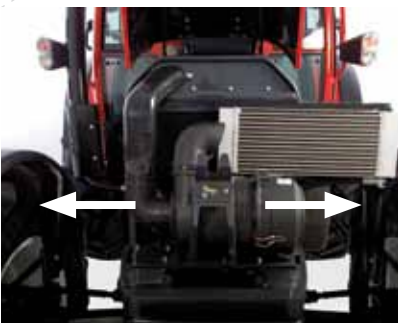
GEOTRAC 94



With its innovative **front-end loader clear vision screen**, the **GEOTRAC Series 94** features a wide field of vision for front-end loader operations. The **integrated sun screen** shields the driver from direct sunlight.



The **GEOTRAC 94** comes standard with powerful **bi-halogen headlights**. The 4 ellipsoid roof-mounted headlights provide reliable lighting when front equipment is attached.



Gas pressure cylinders make the **one-piece engine bonnet** easy to open. The radiators can be slid sideways making them easy to clean without having to be flipped.



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 shuttle lever switches between daily operating hours, battery voltage or **fuel consumption display**.





Two-way remote control for PTO and rear hydraulics comes standard. The **rear sliding window** provides easy access to hydraulic connections and trailer pins.

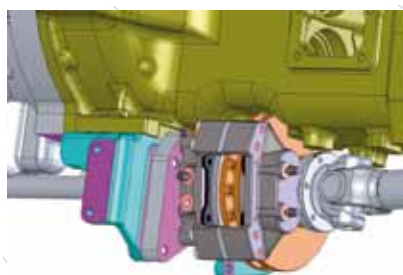


LED reverse lights - Because light-emitting diodes have an extremely long life up to 20,000 operating hours, reverse and brake lights last virtually the entire life of the tractor itself and are nearly maintenance-free.



The optional **Multicontroller** is for operating the front-end loader, hydraulics and Power-Shuttle. Microswitches allow the operator to switch between different hydraulic functions.

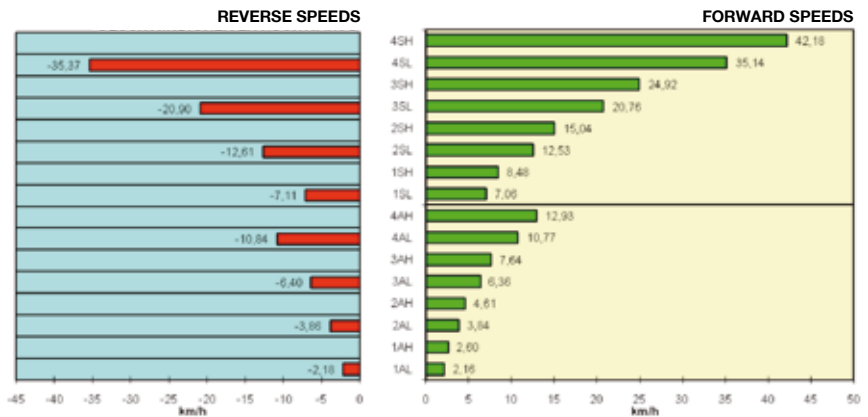
The **GEOTRAC 94** can be equipped with optional **4-wheel shaft brake**. The **safety lock** used in UNITRAC transporters is also available. It functions to mechanically lock the service brake pedal. This additional parking brake allows the vehicle to be shut down safely on a slope.





GEARBOX

The **GEOTRAC 94** 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 is also available. The heavy-duty rear PTO shaft offers **4 PTO speeds**. The **GEOTRAC 94** delivers roughly **90 horsepower at its PTO shaft**. 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.



HYDRAULICS

The **GEOTRAC 94** is equipped with **BOSCH-Rexroth high performance hydraulics** with **separate oil supply** and an output of **50 l/min**. The 2-circuit system is equipped with separate pumps for transmission, steering and working hydraulics. For especially demanding jobs, an optional **professional version with a 70 l/min** output is available (pump aggregation).

The **GEOTRAC 94** comes standard with two double-acting control units with floating position. These **load-sensing control units** can be supplemented with up to three control units. All hydraulic connections are equipped with high quality hydraulic couplings that share a common leakage oil vessel.



GEOTRAC 94

ENGINE PERKINS 1104D-E44 common-rail turbo diesel, rated power: **102 PS** / 74.5 kW, torque: **420 Nm** at 1400 RPM, Cylinders / displacement: 4 / 4400 ccm, tank capacity: 120 litres

COMFORT CAB Panorama comfort cab, comfort platform with side shift, tinted panorama glazing, **front-end loader clear vision screen**, adjustable windscreen, side windows and rear window, **central information system I.B.C. display**, passenger seat, door locks, interior trim, Grammer **comfort seat** with air suspension, radio kit, interior lighting with door sensor, heating and ventilation system with multi-speed high-performance blowers, starting lock, continuous current socket (3-prong), signal socket, **comfort steering wheel**, adjustable in height and tilt, automatic turn signal resetting, raised exhaust, intermittent windscreen wiper, telephone-tray with socket, rear utility tray, adjustable air jets, sun protection screen and visor; **one-piece engine bonnet** with comfort opening, sliding radiator with **comfort cleaning**
Optional: Air conditioning, Hi-Fi audio system with Bluetooth hands-free speaker phone unit

CLUTCH Wet multiple-disc clutch, maintenance-free, power forward-reverse shifting (**Power-Shuttle**), **comfort clutch** on gear lever

FRONT AXLE & STEERING Hydrostatic, load-sensing-system, Lindner high performance front axle with 3-star planetary drives, **50° steering angle**, Turning circle diameter: 9.3 m

TRANSMISSION 16/8-gear **ZF-STEYR-power shift transmission with duplex power shift**, automating function(**speed-matching**), pressure-circulation lubricated, **40 km/h**; Optional: additional travelling PTO shaft

BRAKES Hydraulically actuated wet multiple disc brakes at the rear with automatic all-wheel activation with every braking operation (**Opti-Stop**), steering brake; Optional: 4-wheel drive shaft brake, safety lock, hydraulic trailer brake, compressed air brake

ALL-WHEEL & DIFFERENTIAL LOCK **Power all-wheel drive** – activated by pressing a button, rear differential lock – activated by pressing a button, self-locking front differential

PTO SHAFT Power rear PTO shaft, **430 / 540 / 750 / 1000 RPM**, integrated **PTO shaft starting control** and PTO management, PTO shaft operated by pressing a button with remote control at the rear: Front PTO shaft 1000 RPM

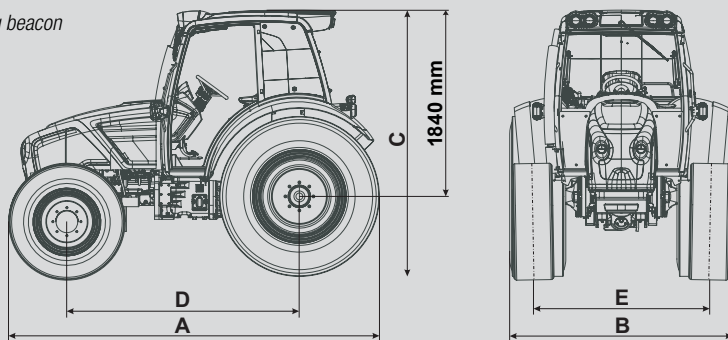
HYDRAULIC SYSTEM **BOSCH high performance hydraulic system** with 2 pump circuits, load-sensing
Working pressure: 185 bar
max. rate of delivery: **max. 70 litres/min** (working hydraulics: 50 l/min, optional max. 70 l/min) 38 litre oil supply
Control units: 2 x double-acting mech. L-S control unit / 4 tipper lines + 1 return
Hydraulic couplings: Non-drip plug couplings with common leakage oil vessels
Max. rear lifting power: 4,900 kp
Optional: Single-lever operation with Multicontroller, front hydraulics, EFH with vibration damping, axle-driven front hydraulics

LIGHT 2 x **Bi-halogen** and 4 x **H7 ellipsoid headlights** (high and low beams), 2 x **H3-rear working lights**, 2 x **LED reverse and brake lights** with integrated rear turn signals, 2 x side turn signals with integrated side marker lights;
Optional: Halogen or XENON working lights, rotating beacon

STANDARD TYRES **340/85 R24 front and 420/85 R34 rear**
(Optional: up to 600/65 R34 rear)

WEIGHTS

Empty weight: 3,950 kg
Max. permissible gross weight: 7,200 kg
Maximum front axle load: 3,000 kg
Maximum rear axle load: 5,000 kg



DIMENSIONS

Rear tyres	Front tyres	Maximum length (A)	Maximum width (B)	Height (C)	Wheelbase (D)	Track (E)	
420/70-R30	380/70-R20	3,453 mm	2,120 mm	2,505 mm	2,280 mm	1,640 mm	
540/65-R30	420/75-R20	3,523 mm	2,160 mm	2,520 mm	2,280 mm	1,640 mm	
420/85-R34	340/85-R24	3,604 mm	2,120 mm	2,600 mm	2,280 mm	1,640 mm	Standard tyres
600/65-R34	480/65-R24	3,661 mm	2,215 mm	2,600 mm	2,280 mm	1,640 mm	
420/85-R38	380/85-R24	3,690 mm	2,110 mm	2,650 mm	2,280 mm	1,640 mm	

additional tyre options available