

# Geotrac Series 4

## GEOTRAC 104

<b>ENGINE</b>	Perkins 1104D-E44TA
Type / Model:	Common rail, charge-air cooling
Output:	78.2 kW (106 hp)
Max. torque:	460 Nm
Cylinders / Capacity:	4 / 4,400 ccm
Emissions class:	Class 3a
Tank capacity	140 l
Optional:	Lindner-I.B.C. monitor

## GEOTRAC 114

<b>ENGINE</b>	Perkins 1104D-E44TA
Type / Model:	Common rail, charge-air cooling
Output:	85.7 kW (116 hp)
Max. torque:	510 Nm
Cylinders / Capacity:	4 / 4,400 ccm
Emissions class:	Class 3a
Tank capacity	140 l
Standard equipment	Lindner-I.B.C. monitor

## GEOTRAC 124

<b>ENGINE</b>	Perkins 1104D-E44TA
Type / Model:	Common rail, charge-air cooling
Output:	92.8 kW (126 hp)
Max. torque:	550 Nm
Cylinders / Capacity:	4 / 4,400 ccm
Emissions class:	Class 3a
Tank capacity	140 l
Standard equipment	Lindner-I.B.C. monitor

## GEOTRAC Series 4

<b>CLUTCH</b>	Wet, multi-disc clutch – maintenance-free, power-shift reversible gear change Power Shuttle, deluxe clutch via foot pedal or gear lever
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<b>STEERING</b>	Hydrostatic, load-sensing system with dedicated hydraulic circuit (44 l/min)
Turning circle diameter	9.5 m

<b>FRONT AXLE</b>	High-performance front axle with 3-star planetary drive, 50° steering lock	
Optional	Individual wheel suspension with integral 4-wheel brake	
<b>TRANSMISSION</b>	24 / 8 gears – ZF-Steyr power-shift transmission with three-way power shift, automation function (APS), automatic group shift (FRFS), brake lubricant cut-off, pressure-circulated lubrication, 40 or 50 km/h	
Optional	36 / 12 model with crawling gear, additional power take-off shaft	
<b>BRAKES</b>	Hydraulically-operated, wet multi-disc brakes at rear with automatic four-wheel activation with each braking operation (Opti Stop), steering brake	
Optional	4-wheel brakes, engine lock brake, pneumatic brake for trailer	
<b>FOUR-WHEEL &amp; DIFFERENTIAL LOCK</b>	Power-shift four-wheel lock, activation via push-button, differential lock at rear, activation via push-button, self-locking differential at front	
Optional	Four-wheel and differential management	
<b>POWER TAKE-OFF SHAFTS</b>	Power-shift rear p.t.o. shaft 540 / 750 / 1000 / 1400 rpm, integral p.t.o. shaft run control, p.t.o. shaft operation via push-button with remote control at rear	
Optional	Front p.t.o. shaft 1000 min-1 with p.t.o. shaft run control, p.t.o. shaft management	
<b>HYDRAULIC SYSTEM</b>	Bosch high-performance hydraulics with 3 pump circuits, load sensing	
Working pressure	185 bar	
Max. flow rate	Max. 121 l/min (working hydraulics: max. 77 l/min) 45 l	
Controllers	2 x double-action, mechanical L-S controller with volume split	
Optional	Double-action, electric L-S controller, joystick operation with button,	
Hydraulic couplings	4 tilt circuits + 1 return line, drip-free plug coupling with separate oil leakage containers	
Lifting force at rear	6000 kp	
Optional	Front hydraulics 3500 kp with remote control, device relief, working hydraulics with axial piston pump	
<b>WEIGHTS</b>		
Tare weight	4150 kg	
Maximum laden weight	7500 kg	
Max. axle load at front	3800 kg	
Max. axle load at rear	6000 kg	
<b>STANDARD TYRES</b>	440/65 R24 at front and 540/65 R34 at rear	
Optional	Up to 600nt/65 R38 at rear	
<b>DIMENSIONS</b>		
Max. length	440/65R24 and 540/65R34 4050 mm	480/70R24 and 520/70R38 4150 mm
Max. width	2226 mm	2320 mm
Max. height	2679 mm	2761 mm
Wheelbase	2420 mm	2420 mm

Track	1700 mm	1800 mm
Part height	1929 mm	1929 mm

### **DELUXE CAB**

Panorama deluxe cab, deluxe platform with side panelling, green-tinted panorama windows, front loader free-view windscreen, safety cell with ROPS and FOPS certificates, front windscreen made of laminated safety glass (VSG), tilt-opening side and rear windows, passenger seat, door locks, interior panelling, Grammer Pro deluxe seat - air-sprung, ready for radio installation, interior lighting with automatic door activation, heating and ventilation system with 3-phase high-performance fans, immobiliser, continuous power socket (3-pole), signal socket, height- and inclination-adjustable deluxe steering wheel, automatic indicator reset, upward exhaust, windscreen wiper interval switch, telephone holder, storage compartment at rear, drink holder, adjustable air jets and sun blinds, single-part bonnet with comfort opening, radiator with removable fine filter

Optional Automatic air-conditioning system, pneumatic cab suspension, hifi audio system with Bluetooth handsfree facility

### **LIGHTING**

8 x H7 ellipsoid headlights at front (main beam and dipped), 2 x H3 working lights at rear, 2 x rear and brake lights in LED technology with integral indicators at rear, 2 x side indicators with integral side lights

Subject to technical alterations