

# Geotrac Series 3

|                      |                                       |
|----------------------|---------------------------------------|
| <b>ENGINE</b>        | Perkins Turbodiesel                   |
| Type/Model           | 1103 Turbo                            |
| Output/Speed         | 48 kW (65 hp) / 2200 rpm              |
| Cylinders/Cooling    | 3 / Water                             |
| Bore/Stroke/Capacity | 105mm /127 mm / 3,300 cm <sup>3</sup> |
| Max. torque          | 270 Nm at 1400 rpm                    |
| Tank capacity        | 65 l                                  |

## **GEOTRAC 73 (alpin)**

|                      |                                      |
|----------------------|--------------------------------------|
| <b>ENGINE</b>        | Perkins Turbodiesel                  |
| Type/Model           | 1103 Turbo                           |
| Output/Speed         | 55 kW (75 hp) / 2200 rpm             |
| Cylinders/Cooling    | 3 / water                            |
| Bore/Stroke/Capacity | 105mm /127mm / 3,300 cm <sup>3</sup> |
| Max. torque          | 291 Nm at 1400 rpm                   |
| Tank capacity        | 65 l                                 |

## **GEOTRAC 83 Turbo**

|                      |                                       |
|----------------------|---------------------------------------|
| <b>ENGINE</b>        | Perkins-Turbodiesel                   |
| Type/Model           | 1104C - 44                            |
| Output/Speed         | 60 kW (82 hp) / 2200 rpm              |
| Cylinders/Cooling    | 4 / Water                             |
| Bore/Stroke/Capacity | 105mm / 127mm / 4,400 cm <sup>3</sup> |
| Max. torque          | 294 Nm at 1400 rpm                    |
| Tank capacity        | 85 l                                  |

## **GEOTRAC 93**

|                      |                                       |
|----------------------|---------------------------------------|
| <b>ENGINE</b>        | Perkins Turbodiesel                   |
| Type/Model           | 1104C - 44                            |
| Output/Speed         | 67 kW (91 hp) / 2200 rpm              |
| Cylinders/Cooling    | 4 / Water                             |
| Bore/Stroke/Capacity | 105mm / 127mm / 4,400 cm <sup>3</sup> |
| Max. torque          | 370 Nm at 1400 rpm                    |
| Tank capacity        | 85 l                                  |

## **GEOTRAC 103**

|                      |                                       |
|----------------------|---------------------------------------|
| <b>ENGINE</b>        | Perkins Turbodiesel                   |
| Type/Model           | 1104C - 44                            |
| Output/Speed         | 72.5 kW (99 PS) / 2200 U/min          |
| Cylinders/Cooling    | 4 / Water                             |
| Bore/Stroke/Capacity | 105mm / 127mm / 4.400 cm <sup>3</sup> |
| Max. torque          | 404 Nm at 1400 U/min                  |
| Tank content         | 115 l                                 |

## **GEOTRAC Series 3**

|   |  |
|---|--|
| <b>CLUTCH</b>                             | Independent. two-disc, sinter dry clutch, hydraulically operated, self-adjusting with pedal  |
| <b>STEERING</b>                           | Hydrostatic, load-sensing system, planetary steering axle with integrated steering cylinder 50° steering lock  |
| Turning circle diameter                   |  |
| Geotrac 63 / 73 / 83 / 93                 | 8 m  |
| Geotrac 103                               | 9.3 m  |
| <b>TRANSMISSION</b>                       |  |
| <b>Geotrac 63 / 73 / 83</b>               | 16 V/8 R gears, fully synchronous reversible shift, pressure-circulated lubrication  |
| Optional                                  | Power-2 power-shift transmission   |
| Speed                                     | 40 km/h  |
| <b>Geotrac 93</b>                         | 16 V/16 R gears, Power-2 fully synchronous reversible shift, pressure-circulated lubrication   |
| Speed                                     | 40 km/h  |
| <b>Geotrac 103</b>                        | 16 V/16 R gears, Power-2 fully synchronous reversible shift, pressure-circulated lubrication   |
| Optional                                  | Synchro Shuttle  |
| Speed                                     | 40 km/h  |
| <b>BRAKES</b>                             |  |
| Rear                                      | Wet, multi-disc brakes, steering brake, Opti-Stop (automatic four-wheel activation with each braking operation)  |
| Optional                                  | 4-wheel brake  |
| <b>FOUR-WHEEL &amp; DIFFERENTIAL LOCK</b> |  |
| Optional (103 Series)                     | Power-shift four-wheel lock, activation via push-button, differential lock at rear, activation via push-button<br>Automatic lock differential at front |
| <b>POWER TAKE-OFF SHAFTS</b>              |  |
| Engine p.t.o. shaft                       | 430 / 540 / 750 / 1000 min-1   |
| Optional                                  | Front p.t.o. shaft 1000 min-1  |
| <b>HYDRAULICS</b>                         |  |
| <b>Geotrac 63 / 73 / 83</b>               |  |
| Working pressure:                         | 175 bar  |
| Max. flow rate:                           | 50 l/min   |

Controllers: 2x DWS, 4 tilt circuits, 1x return line  
 Lifting force - rear lifter 2600 kp  
 Optional - extra lifting cylinder 3500 kp  
 Optional - front hydraulics 2000 kp

**Geotrac 93 / 103**

Working pressure: max. 175 bar  
 Flow rate: optional 50 l/min  
 Controllers: lifting force Second oil circuit with aggregate circuit 70 l/min  
 Rear power lifter 2x DWS, 4 tilt circuits, 1x return line  
 Additional lifting cylinder 3500 kp (103 Series 4900 kp)  
 Optional front hydraulics 2000 kp

**WEIGHTS and DIMENSIONS 63**

|                   | <b>63</b> | <b>73</b> | <b>83</b> | <b>93</b> | <b>103</b> |
|-------------------|-----------|-----------|-----------|-----------|------------|
| Tare weight       | 2880 kg   | 2950 kg   | 3340 kg   | 3380 kg   | 3720 kg    |
| Max. laden weight | 4500 kg   | 5000 kg   | 5000 kg   | 5000 kg   | 7000 kg    |
| Max. length       | 4000 mm   | 4000 mm   | 3790 mm   | 4110 mm   | 4270 mm    |
| Max. width        | 1970 mm   | 1970 mm   | 1970 mm   | 1970 mm   | 2020 mm    |
| Max. height       | 2350 mm   | 2450 mm   | 2450 mm   | 2450 mm   | 2560 mm    |
|                   | *2295 mm  | *2295 mm  |           |           |            |
| Wheelbase         | 2083 mm   | 2083 mm   | 2195 mm   | 2195 mm   | 2238 mm    |

\* with low roof panel and non-opening windscreen

**STANDARD TYRES**

**Geotrac 63 / 73 alpin** 365/70 R 18 & 380/85 R 28 Conti AC 375/70 R 20 &  
**Geotrac 73 / 83 / 93** 420/85 R 30 Conti AC 340/85 R 24 AC85 at front &  
**Geotrac 103** 420/85 R 34 i AC85 at rear

**DELUXE CAB**

Free-view design, deluxe platform with side panelling, green-tinted windows, passenger seat, etc.

Subject to technical alterations