

TB 50 D / GTP

GENERAL SPECIFICATIONS

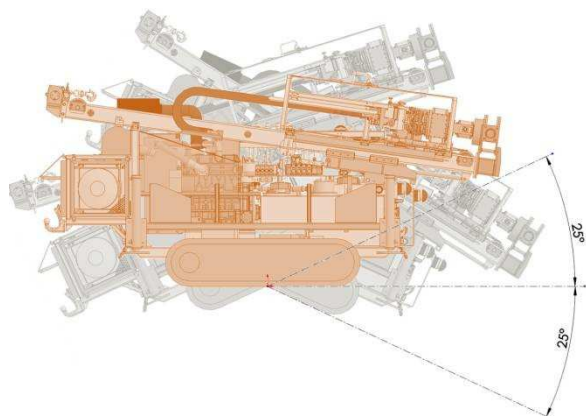
The TB 50 D (GTP optional) drilling rig is a self-propelled rubber track crawler (classified as a Cat. 2 work site machine as per Recommendation R.372, as amended). The rotary head is driven by a hydraulic back-geared motor. Rig movements are controlled using a remote control. All drilling rig functions (except rig movements) are controlled using the control panel. Rig stabilisation is provided by four hydraulic jacks mounted with pilot operated check valves. This rig is available in variable gauge undercarriage option, and in this case the stabilisers are removable. Finally, the rig is equipped with two removable rod racks.

TECHNICAL CHARACTERISTICS

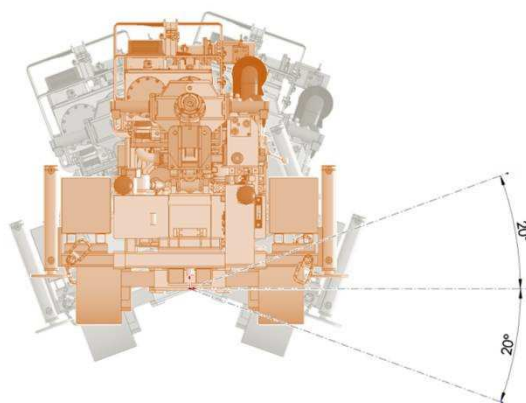
Dimensions	In transport	In operation
Length	2300 mm	2000 mm
Width	1050 mm	1050 mm
Height	1550 mm	2300 mm

Weight: 1100 kg.
Track width: 180 mm. Length of tracks in contact with ground: 930 mm. Translation speed: 3km/h
Ground bearing stress: 0.3 bar. Ground clearance: 175 mm.

AUTHORISED STATIC INCLINATION ANGLES (with spread tracks).



Slope (30° instantaneous)



Out of plumb

HYDRAULIC MOTOR

Diesel motor, useful capacity: 13.2 kW at 3000 rpm
2-case gear pumps.
Hydraulic tank: 60 L.
Maximum pressure: 170 bars.

MAST

Hydraulic jack-lifted.
Standard stroke: 1580 mm.
Mast displacement stroke: 400 mm.
Pullback strength: 950 daN.
Bearing strength: 950 daN.
Maximum pullback speed: 17 m/mn.
Max. progression speed: 1 km/hr.

ROTARY HEAD

Max. volumetric displacement: 105 m.daN;
Max. speed: 60 rpm.

OPTION

GTP: B-type dynamic penetrometer (PDB):
NF P94-115 compliant
Variable gauge undercarriage and removable stabilisers.
When tracks are retracted and stabilisers applied, rig width is 700 mm.

COMPATIBLE TOOLS (not supplied)

DESTRUCTIVE DRILLING

Auger: Ø63, 80, 100 mm

DYNAMIC PENETROMETER

Screwed bit or single use bit.

Penetrometer rods: Ø32 mm

Hammer end

CAPACITY (depending on soil conditions):
Approx. 15 m with Ø100 mm auger.