

SPT Drill Rig ESPT-50



Description:

The Standard Penetration test (SPT) is a common in situ testing method used to determine the geotechnical engineering properties of subsurface soils. It is a simple and inexpensive test to estimate the relative density of soils and approximate shear strength parameters.

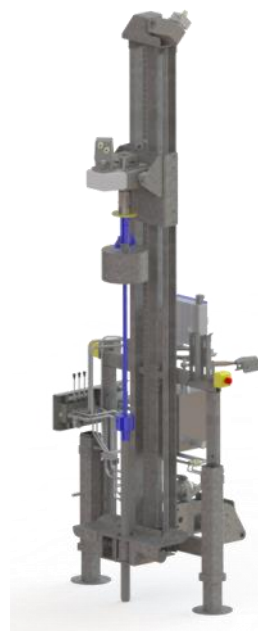
The Eureka SPT Drill is a drilling tool for mini tractors. Designed by experienced drillers and engineered by Eureka. The mast carries a hammer with a mass of 63.5 kg (140 lb) which can fall through a distance of 760 mm (30 in). The drill rig will be stabilized by the vehicle and when necessary 2 hydraulic outriggers can be used for extra stabilization. The ESPT-50 will be powered by the internal tractor hydraulics and the back PTO of the vehicle. It is a safe and quick way to drill.

Specifications:

Drill transport dimensions LxWxH	3.1x1.3x3.3 [m]
Weight (dry) (approx.)	250 [Kg]
Power source	Tractor
Power supply & control	P = 16 kW p = 175 Bar
Needed on your vehicle	Q = 24 l/min
Drilling depth (approx.)	50 [m]
Working stroke mast	2.2 [m]
Max hydraulic pressure	175 [bar]
Drill rod diameter standard	50 [mm] (Ø 76 max)
Max. pull up force	10.000 [N]
Max. pull down force	4.000 [N]
Foot clamp	825 N

Advantages:

Compatible with most tractors,	1200 - 10.000 [kg]
Powered by hydraulics and PTO of external machine	
Great stability by external machine	



Mast:

The ESPT-50 is provided with a 3,0 meter long mast with a usable stroke of 2,2 meter for drilling 2 meter drill rods.

Application:

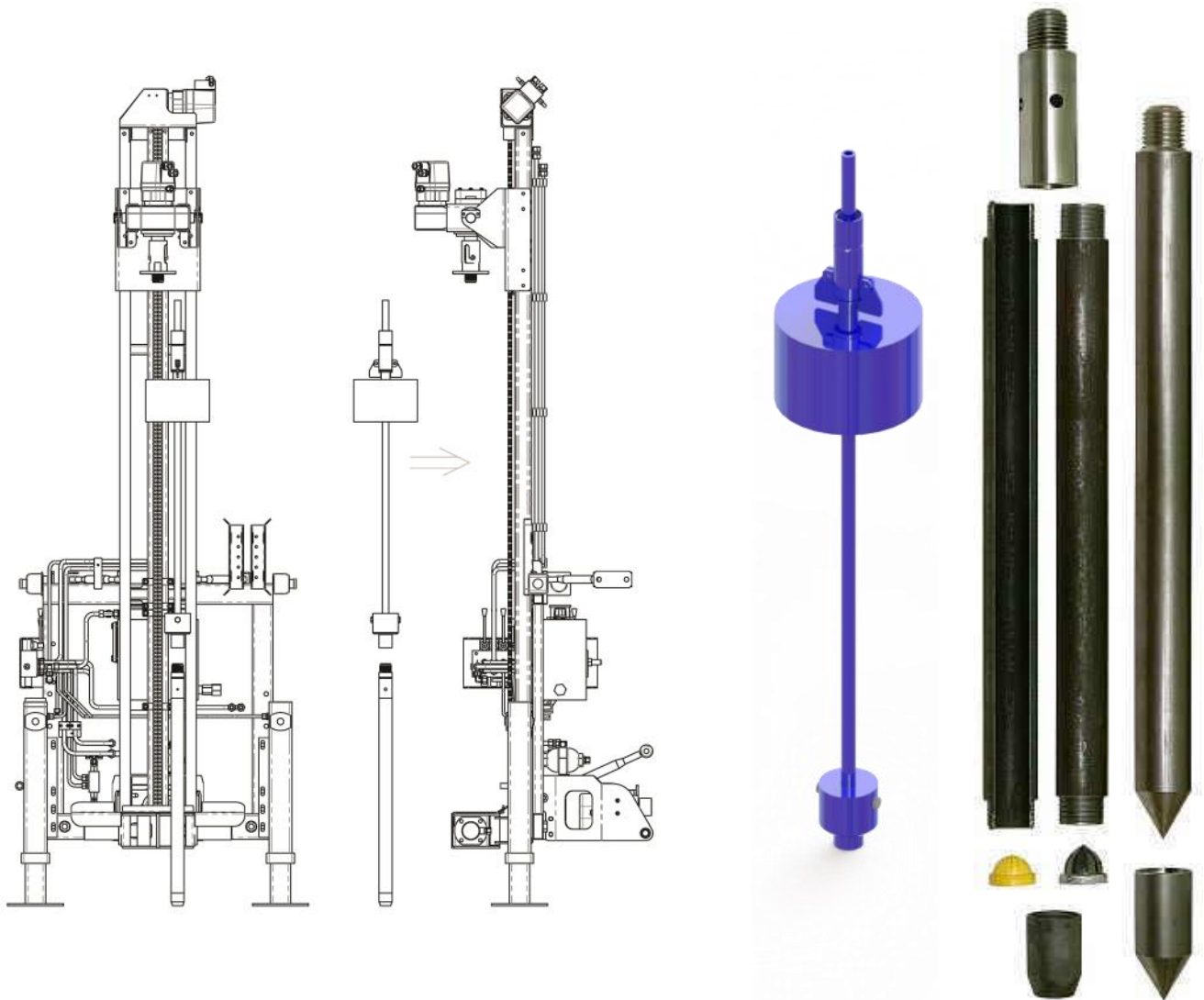
- SPT Hammer with a mass of 63.5 kg (140 lb)
- Digital GPS
- Video registration

Optional equipment:

- Tractor Kubota B2530 or others
- Sample tubes
- Boxes

SPT Drill Rig ESPT-50

Main dimensions:



Tractor Drill Rig



Portable Drill PDR-50



Drill Cart EUD-50CA



Rotary Head ERH-480

EUREKA

www.eureka-bv.com

Maasstraat 3
NL-7071 VR ULFT
The Netherlands

Phone : 0 (031) 315 377 608
Fax : 0 (031) 315 377 609
Email : info@eureka-bv.com

All our quotations, all orders placed with us and all contracts concluded with us, are subject to the METAALUNIE CONDITIONS. These conditions are filed with the registrar of the District Court of Rotterdam. Upon request, the conditions of delivery and payment will be sent to you for free as well.