



Envi 20Ton Compact Crawler

Five reasons why you should consider the Envi 20 ton compact crawler next time you buy a CPT machine:

1. **Can be towed on a trailer by a regular car due to the low weight**
2. **Small size means better accessibility to narrow spaces**
3. **20 tons push capacity**
4. **Wide belts provide good weight distribution**
5. **Powerful and robust anchoring**

The machine offers 20 ton push force with a weight well under 1000 kg, so you can tow it on a trailer behind a regular car. Small dimensions enable access to narrow places. Anchoring the machine using the two augers is easy in most types of soils. Auger extension rods can be added. The rod rack can store up to 40 1m rods.

The machine is intended for CPT and Vane shear test. Push functions can be controlled from the manoeuvre pulpit or by using levers mounted on the hydraulic valves. In automated CPT mode the probe is pushed with constant speed (0-40 mm/s) regardless of ground resistance.

Wide belts make it suitable for tasks where the ground is soft and this also minimizes ground damage on e.g. lawns. If you need to traverse very slippery ground the belts can be provided with spikes.

When you relocate the machine you use the handle bar to steer it. Pull the handle bar to the right to turn right and vice versa. On the handle bar you also find the throttle, an emergency stop and a parking brake.





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Specifications

Weight: 955 kg
Dimensions: (LxWxH) 200x107x157 cm

Engine

Honda GX390
12 hp
Max RPM 2800
Max Torque 200 Nm
12V battery

Hydraulics

Hydraulic tank 30 liters
Hydraulic system pressure 250 Bar
Danfoss and other high end components used

Functions

Max push force 20 ton
Max pull force 25 ton
Rod rack for up to 40 1 meter CPT rods
Automatic constant CPT speed
Stroke 1,1 meters
Push tower max over tilt 10 degrees

Anchoring

Auger engines 1800 Nm and <30 RPM
Anchoring auger extension rods available

