



# E-SPECS

## Geoprobe® model 6622CPT

*This dynamic machine has a self anchoring system allowing for static push of CPT and Geoprobe® Direct Image® tooling. It also has the Geoprobe® GH62 percussion hammer system for direct push sampling applications.*

### Static Push & Direct Push Features:

- Two outboard mounted hydraulic anchor drives allowing for the installation of up to 16 inch diameter anchors
- Hydraulically activated CPT chuck with wide chuck opening for larger diameter tooling
- CPT valve system for controlled speed of CPT pushing
- Geoprobe® GH62 Percussion Hammer System w/ side sift movement

### Geoprobe® Track Carrier System:

- Rubber Track Carrier w/ Frame Rail System design allowing you to add optional features to the machine
- Auxiliary Hydraulic ports allow for optional features such as pumps, liner extruders, and pressure washers
- Rear Blade System for tooling transport and machine stability
- Two front hydraulic outriggers allow for easy machine leveling
- Multi-Position control panel for operator comfort & safety

### Optional Features:

- 2L4 Moyno Pump System
- Direct Image Tooling Rack
- Pressure Washer & Tool Rack System (GP50DR)
- Liner Extruder System



### Model 6622CPT Specifications

Stroke.....	66 in.	1,676 mm
Weight.....	8,720 lb.	3959 kg
Width.....	78 in.	1,981 mm
Track Width.....	12 in.	305 mm
Length (folded).....	135 in.	3,429 mm
Height (folded).....	88 in.	2,235mm
Height (working max).....	166 in.	4,216 mm
Lateral Movement (side-to-side).....	25 in.	635 mm
Extension.....	15 in.	381 mm
Main (Push) Cylinders.....	2, 4 in. (102 mm) diameter	
Pulling Stroke Time (high/low speed).....	5 sec/11 sec	
Down Force.....	40,000 lb.	178 kN
Retraction Force.....	46,000 lb.	205 kN
CPT Operating Pressure.....	2,500 psi	169 bar
Track Drive Operating Pressure.....	2,850 psi	196 bar
Hydraulic Flow Rate (system).....	40 gpm	151 Lpm
Hammer System.....	GH62	
Percussion Rate.....	32 Hz	
Torque (hammer motor).....	560 ft. lb.	759 N-M
Rotation Rate (hammer motor).....	240 rpm (bi-directional)	
Hammer Side Shift.....	12 in.	305 mm
Fuel Capacity (diesel).....	17 gal	64 L
Engine (diesel).....	Kubota, 4-cylinder turbo, liquid cooled	
Engine Power.....	58 hp	40 Kw
Leveling Jacks, 2 Forward, 2 rear.....	Hydraulic	
Travel Speed.....	0-5 mph	0-8 kph
Surface Load.....	4.4lb/in <sup>2</sup>	0.31 kg/cm <sup>2</sup>
Anchor Drives.....	2	
Anchor Spacing, center-to-center.....	66 in.	1676 mm
Anchor Drive Stroke.....	69 in.	1753 mm
Anchor Torque.....	2500 ft. lb.	3390 N-M
Anchor Diameter (max).....	15 in.	381 mm
Auxiliary Hydraulics: 3 outlets (ea).....	30 gpm	114 Lpm



CPT Chuck for static push tooling.



Outboard Hydraulic Anchor motor



Swing Arm Control Panel

