

# CPT Cabin Crawler

The Geomil leading edge fully ballasted cabin crawlers (100 kN to 200 kN) have been designed for conducting CPT and related static push soundings in all terrain circumstances at lowest possible ground pressure but guaranteeing highest production rates and utmost reliability and efficiency.

The safe and operator friendly working surrounding comprises plenty of the standard Geomil features.

Wireless remote control, modern PLC with human interface (HMI) touch screen control for motor & hydraulic functions and sensors, latest design 200 kN penetrometer pusher, tube rack with swivel supports, bellows with transparent roof, Radio-CD and much more are a must.

Further options like hydraulic push-/pull clamp, feeding robot, automatic tube screwing device, air-conditioning, automatic levelling can further assist in a steady production rate and prevention of occupational diseases.

All units comprise a flat bed, folded steel chassis based on high quality caterpillar lowers providing extremely low ground pressures and guarantee for perfect terrain capabilities, unrivalled by any purely wheel or combined wheel/track propelled CPT unit.

The Geomil designed crawler power-pack, consisting of a Caterpillar® common rail motor, Bosch Rexroth® load sensing pump, Amca® electrical controlled proportional valves with 3-way compensation, oil-tank, oil-cooler and air-compressor, comes fully insulated and separated from the working cabin.

Depending on the demanded reaction force but also in accordance with the preferred way of hauling the crawler, different weight options and cabin designs can be realised.

Also, a locked truck/crawler combination for flexible deployment can be realised, as such utilising the truck weight for enhancing the reaction force.

Please contact Geomil for further technical specifications or design possibilities matching with your needs and require a customised quotation.

