



CC 200

Compact Crawler 200 kN



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- Small but powerful
- Easy to operate
- Detachable CPT pusher
- Easy to transport

The CC 200 is equipped with a 200 kN pusher that can be detached from the crawler and then anchored to a floor, wall or even a ceiling to perform CPT in confined spaces. The pusher is then powered through hydraulic hoses connected to the crawler or a separate power pack. Whether mounted on the crawler or detached, the required reaction force is generated through four ground anchors.



The CC 200 is designed to ensure easy transport, facilitating access to challenging work sites and easy operation.

The narrow frame width allows the unit to pass through most doors and garden fences. And by reducing the stroke of the CPT pusher to 550 mm (22 in) the height of the crawler is such that it can be operated in spaces with low overhead clearance. The CC 200 can also be delivered with a pusher that has a stroke of 1,050 mm (41 in) (CC 200XL). Finally, its small dimensions and light weight (even when fully loaded with CPT rods and the ground anchors) enable transport in a standard van or a very small trailer, making it perfect for use in urban areas.

For CPT in even more confined spaces or where noise and/or exhaust gasses are problematic, the pusher can be detached from the crawler and then anchored in place using a (ground or wall) frame. The crawler will then be connected to the pusher through hydraulic hoses. Alternatively the pusher can be connected to a separate electric power pack.

The required reaction force is generated through four ground anchors that are driven into the soil with the rotary head mounted on the crawler. This head can provide a torque of approx. 2,800 Nm (2,065 ft-lbs) and various helix diameters (ranging from 200 mm (8 in) to 450 mm (14 in)) are available to provide the optimum equipment set-up for the anticipated soil conditions.

The CC 200 has a hydraulic clamp in its automated CPT pushing rams, which, upon request, can be replaced by a robust ball clamp. The crawler has also a 12 VDC outlet to can be used to charge the laptop battery.

The crawler can move at two speeds: 2.5 km/h (1.5 mph) and 4.1 km/h (2.75 mph). A driver's platform is provided to allow the operator to drive the rig safely.

CC 200 *	Metric	Imperial
Dimension (LxWxH)	2,620 x 840 x 2,321 mm	103 x 33 x 91 in
Weight (without rods)	1,360 kg	3,000 lbs
Hydraulic pressure	210 bar	3,000 psi
Engine	Kubota diesel	
Power	14.9 kW @ 3,600 rpm	20 HP @ 3,600 rpm
Upward speed	80 mm/sec	3 in/sec
CPT stroke	550 mm	22"
CPT downward speed	15 to 25 mm/sec	0.6 to 1 in/sec
Pushing force	200 kN	20 tf (long)
Uplift force	320 kN	32 tf (long)
Reaction force	Through ground anchors or ground frame	
Rotary head torque	2,800 Nm	2,065 ft-lbs

CC 200XL *	Metric	Imperial
Dimension (LxWxH)	2,620 x 840 x 3,000 mm	103 x 33 x 118 in
Weight (without rods)	1,390 kg	3,065 lbs
Hydraulic pressure	210 bar	3,000 psi
Engine	Kubota diesel	
Power	14.9 kW @ 3,600 rpm	20 HP @ 3,600 rpm
Upward speed	80 mm/sec	3 in/sec
CPT stroke	1,050 mm	41 in
CPT downward speed	15 to 25 mm/sec	0.6 to 1 in/sec
Pushing force	200 kN	20 tf (long)
Uplift force	320 kN	32 tf (long)
Reaction force	Through ground anchors or ground frame	
Rotary head torque	2,800 Nm	2,065 ft-lbs

* All specifications are subject to change





Easy transport on a trailer and drive control panel



CPT pusher operating panel and laptop holder



CC 200 with detached pusher

