



MANUAL DRILL'N'CPT, CPT PUSH UNIT (CPT-02)

Earth Drilling's Eijkelkamp Manual Drill'n'CPT Unit is a 20 ton fully automatic CPT tool placed in the breakout clamps of a sonic drill rig. The CPT tool allows you to convert every (sonic) drill rig into a CPT unit. It can deliver a continuous CPT measurement or measure in between sampling. It is also the perfect combination to advance casing through refusal layers and apply CPT testing to greater depths

Benefits:

- Capable of 20-ton push.
- Track capable, self-driving.
- Affixes to Sonic Drilling Rig
- CPT measurement, Fast feed trip in, Fast feed trip out
- Sonic CPT electrical cone, measuring: Tip resistance (qc), Sleeve friction (fs), Deviation in two directions
- CPT Logging equipment, data logger, depth encoder

SPECIFICATIONS

- >> Maximum Push: 20 TON
- >> CPT Force Max: 200 kN
- >> Pull Back: 240 kN
- >> Depth Registration Encoder: 20 puls/mm (500 puls/')
- >> CPT Stroke: 800 mm (31.5")
- >> CPT Speed: 20-25 mm/s
- >> CPT Rod Diameter: 1.417 - 1.732"
- >> Return speed: 60 mm/sec

CPT UNIT DIMENSIONS

- >> Weight: 385 KG (848.8 lbs)
- >> Rig Height: 1.75 M (5.75')
- >> Width: .70 M (2.3')
- >> Depth: .60 M (2')
- >> Track width: 0.15 M (6")
- >> Track Length: 1.06 M (42")
- >> Ground Pressure: 3.36 lbs/sqin

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