

## 300kN Portable CPT Pushing Frame



### PUSHING FRAME SPECIFICATIONS

Overall Dimensions	Width: 0.5m; Length: 1.2m; Height: 2.5m (max 3.85m)
Gross Weight	Approx. 750kg
Pushing Force	Max. 300kN
Hydraulic Cylinders	2 x vertical hydraulic cylinders (4" Bore, 1 3/4" Piston), stroke 1350mm with piston protection covers

### HYDRAULIC POWER PACK SPECIFICATIONS

Overall Dimensions	Width: 0.73m; Length: 2.0m; Height: 0.87m
Gross Weight	Approx. 750kg (with fuel/oil)
Engine	Hatz Silentpack diesel engine; 9.1kW @ 3,000rpm
Hydraulic Pump	Roxworth hydraulic pump - max. capacity of 80L/min
Hydraulic Tanks	180 L
Transport	Possible with crane or forklift (light weight aluminium frame with forklift ports)
Additional	2 x optional Hydraulic Power Packs available to suit barge layout

### EQUIPMENT / FEATURES

300kN Pushing Frame	Hydraulic control unit, mounted on a console next to the pushing frame Retractable wheel assembly for portability Hydraulic-operated catching clamp incorporated into sounding beam
Other Equipment / Features	Portable CPT rod rack and CPT rods Portable CPT computer and printer Hydraulic Hoses; available in 10m or 50m lengths 2 x 3m I-beams for spreading push/pull load Aluminium toolbox for transport and workplace storage

### SERVICES

Geotechnical Services provided	CPT, CPTu, SCPT, SCPTu (1, 5, 10, & 15 tonne cones) Ball Penetrometer DMT, SDMT Dissipation Testing CPT casing for additional rod support Vane Shear Testing (Electronically driven) Vibrating Wire Installation Water Sampling Standpipe Installation (20mm and 32mm)
--------------------------------	--