



# Cantilever frame

	FRAME 1	FRAME 2
Weight	2.8 T	2.0 T
Max. operating ram capacity	12 T – dependent on reaction weight and deployment technique	
Length	5.1m	6.52m
Width	1.4m	1.44m
Height	2.3m	2.0m
Power supply for CPT rams	3-phases 415v power pack and generator	
Clamp arrangement	36/55 mm push pull clamp	
Ram stroke	0.5 – 0.8 m	
Maximum casing size	55 mm	

The cantilever frame enables testing of difficult access testing such as overwater from the edge of a quay wall, or from a jack-up barge or floating platform.

Fitted with a cradle attachment, an excavator (supplied by others) can easily move and position the frame. The excavator can also anchor the frame to provide the reaction force for testing, in addition to kentledge and/or bolting. CPTs are performed using portable rams.





# Cradle attachment and hydraulic connections



## Cradle options

ID	pin diameter (mm)	pin centers (mm)	pin width (mm)	weight (kg)
1	65 or 80	460	310	180
2	60	410	290	130
3	100 or 80	580	400	350
4	excavator specific			320
5	excavator specific			190
6	1 x 60 1 x 55	410	290	100

## Hydraulic specification diameter (mm)

<b>Maximum pressure</b>	230 bar
<b>Optimum flow</b>	50 l/min
<b>Maximum flow</b>	75 l/min

## Fixed hydraulic connectors

<b>Flow</b>	¾ in flat face male
<b>Return</b>	1 in flat face female

**NOTE: DO NOT ROTATE THE RIG TO DETACH FROM A FULLY AUTOMATIC HITCH. THE CRADLE MUST BE DETACHED FROM RIG FIRST.**