

ALIGNMENT FRAME

The Alignment Frame mounts to the front of an ROV and provides an ROV docking interface. Once docked, the ROV is rigidly attached to the subsea structure. The frame locks onto the tree via two 3 Ton-rated Docking Probes.

The Docking Probes are hydraulically-actuated and are failsafe. In the event of a loss of power on the ROV, the three latch dogs will retract under spring load and the ROV will not remain connected to the tree. The frame is designed to interface with the 3 Ton docking receptacle interface utilizing a customer specified distance between docking receptacles.

Also available as a rental tool



Technical Data / Specifications

Dimensions (overall)

Length	5 ft 6-½ in
Width	5 ft 3-¾ in
Height	7 in

Weight

Air	107 lb
Water	95 lb

Hydraulic Requirements

Max Pressure	3,000 psi
Operating Pressure	1,500 psi
Max Flow Rate	3 gpm
End connections	¼ in JIC

Materials of Construction

Frame	Aluminum, gr. 6061 T6
Docking Probes	Stainless Steel, gr. 316
AMPCO 45	
UHMW polyethylene	
Fasteners	Stainless Steel, gr. 316

