

3 Ton TWK Subsea Boulder Grab



The Subsea Tooling Services 3 Ton TWK Grab is a versatile tool that can be used for decommissioning projects and survey/debris clearance operations. Commonly used for lifting and moving materials and equipment found subsea such as boulders, pipelines, umbilical's, grout bags and general debris. The grapple can be powered from topside control with a downline umbilical or powered directly from a work class ROV via the optional 2 port leak free 35mm hot stab.

Specifications

Product	3 Ton TWK Subsea Boulder Grab
Country of origin	UK
Manufacturer	Tool Tec

Key points

- Suitable for all coarse and bulky materials
- Single point lift
- Hydraulic arms are individually driven, thereby ensuring that even the bulkiest material is securely gripped
- Subsea paint coating.
- Dual cross port hydraulic check valves for position load holding
- Topside or ROV control options available via optional 35mm Blue Logic 2 port stab

Technical specification

Arm capacity	1 m ³
Payload	3000 kg
Weight	500 kg
Hydraulic interface	2 Port Female Blue Logic 35mm c/w check valves
No of arms	5
Pressure	50-110 bar
Flow	20-40 l/min
Height open	1070 mm
Height closed	1300 mm
Width open	2000 mm
Width closed	1070 mm
Load position holding – hydraulic valves	Cross Port PO Check Valve CO-11A-ML-60

Dimensions

MGW	3500kg
Dim A	1380mm
Dim B	1150mm
Dim C	1150mm
Dim D	2000mm
Dim F	80mm