

# 5 Ton TWK Subsea Boulder Grab



The Subsea Tooling Services 5 Ton Grab is a versatile tool that can be used for decommissioning projects and survey/debris clearance operations. Commonly used for lifting and moving various 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

<b>Product</b>	5 Ton TWK Subsea Boulder Grab
<b>Country of origin</b>	UK
<b>Manufacturer</b>	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

<b>Arm capacity</b>	1 m <sup>3</sup>
<b>Payload</b>	5000 kg
<b>Weight</b>	1200 kg
<b>Pressure</b>	180 - 210 bar
<b>No of arms</b>	5
<b>Flow</b>	20-40 l/min
<b>Height Open</b>	1200 mm
<b>Height Closed</b>	1700 mm
<b>Width Open</b>	2350 mm
<b>Width Closed</b>	1650 mm
<b>Load / Position Holding – Hydraulic Valves</b>	Cross Port PO Check Valve CO-11A-ML-60

## Dimensions

<b>MGW</b>	6200kg
<b>Dim A</b>	1810mm
<b>Dim B</b>	1310mm
<b>Dim C</b>	1650mm
<b>Dim D</b>	2350mm
<b>Dim F</b>	110mm