Subsea Tooling Services UK Ltd
Engineered Subsea Solutions

Subsea Tooling Services 20Te Boulder Grab

- Suitable for all coarse and bulky materials
- Hydraulic arms are individually driven, thereby ensuring that even the bulkiest material is securely gripped
- Designed to handle a variety of different bulk materials
- Topside or ROV control options available
- Single point lift rigging
- Tool supplied as standard with whips and industry standard ¾" Wing type Q.D. Couplings
- Shipping cradle provided*

Technical Specification

Arm Capacity	5.0 m^3
Payload	20,000 Kg
Grab Weight	7000 Kg
No. of Arms / Tines	6
Pressure / Hose Size & Length	210 bar ¾" R2AT @ 4000mm
Flow	40-80 l/min
Height Open	3000 mm
Height Closed	3890 mm
Width Open	5000 mm
Width Closed	3100 mm
Transportation Size (Including Cradle)	3158mm x 3158mm x 4000mm x 10,000 Kg
Lifting Shackle Size / Wire Pennant	55 Ton Shackle / 2500mm 55mm Wire Pennant Fitted to HA45ML Master Link
Load / Position Holding – Hydraulic Valves	Cross Port PO Check Valve SUN CBEA LAN YAV/S

The STS 20Te 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, mattresses and general debris. The grapple can be powered from topside control with a downline umbilical or powered from ROV using hot stab connection.

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GUH MEMBER

TCG ISO 9001 TCG ISO 45001

Dimensions

Arm Capacity: 5.0 cu.m

Payload: 20T

Weight: 7200kg Tare

No of Arms: 6

Pressure: 210bar

Flow: 40-80 LPM

Dim A: 3890 mm

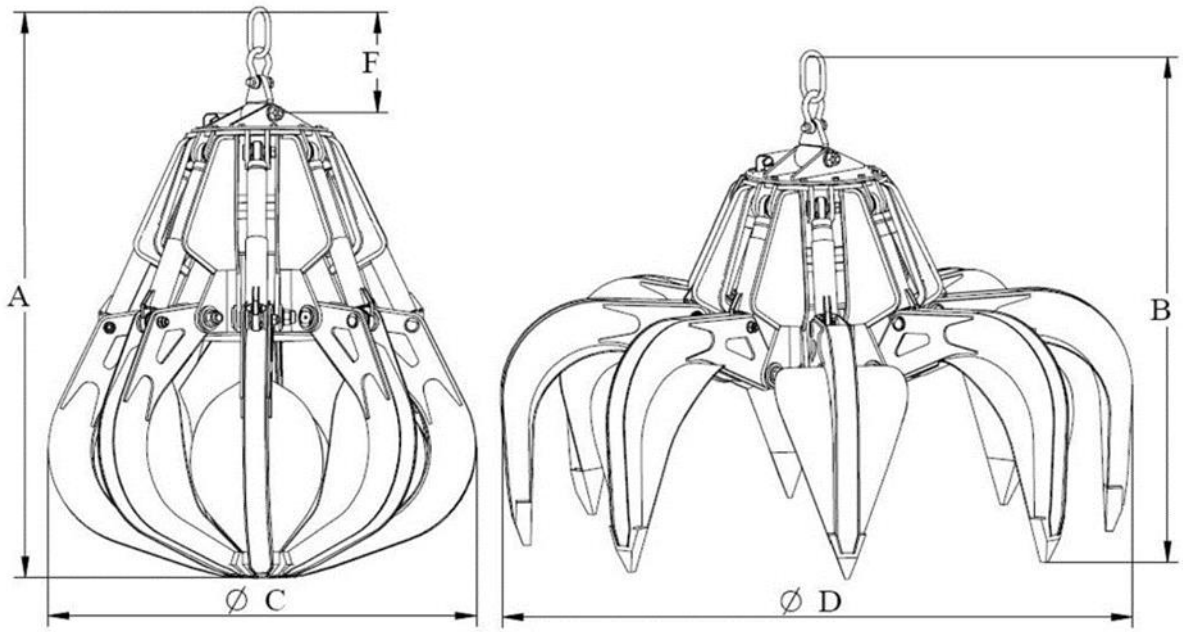
Dim B: 3000 mm

Dim C: 3100 mm

Dim D: 5000 mm

Dim F: 630 mm

** Note! Total Lifting Height Including Pennant is 6800mm**



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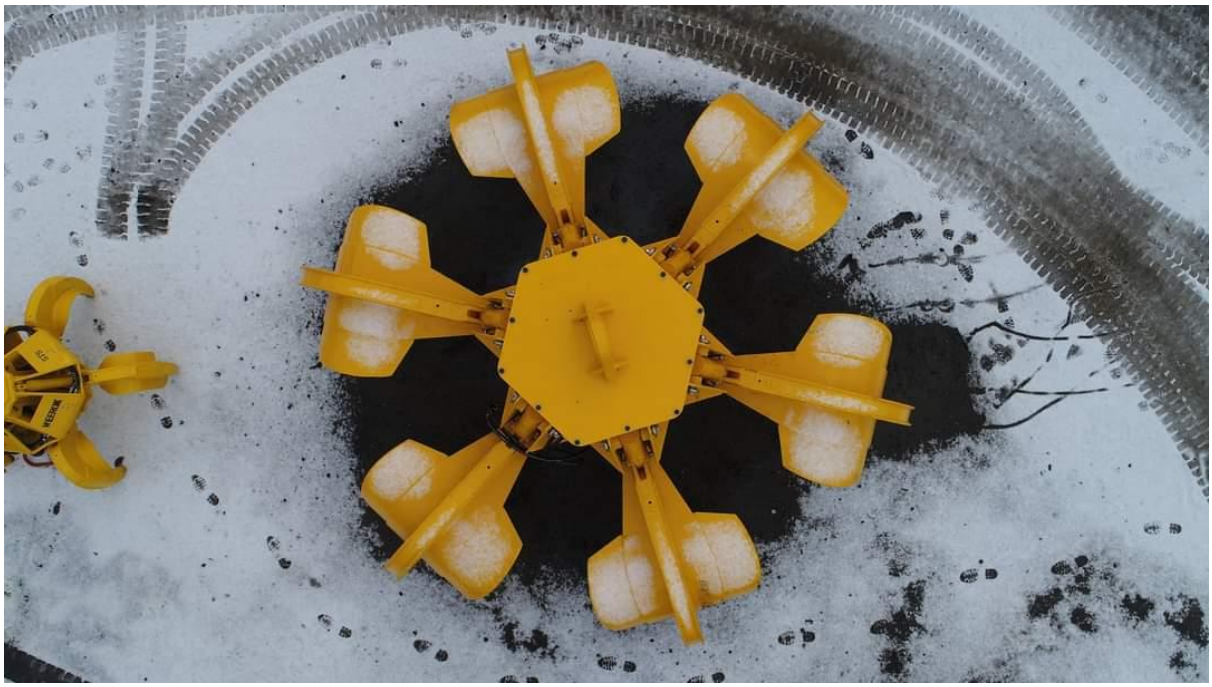

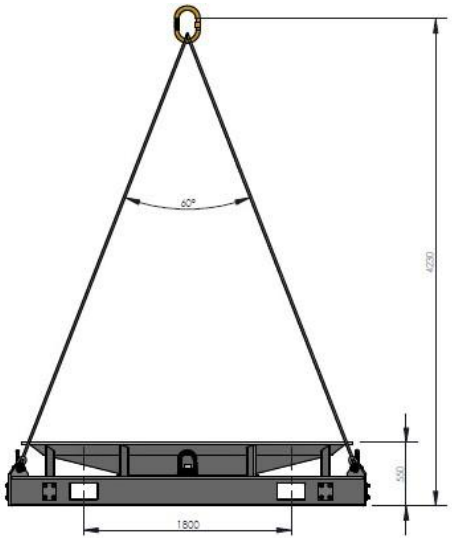

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