

SURFACE HANDLING TOOL

APPLICATION

- Spooling and stabbing operations

FEATURES

- Short, compact design
- Modular construction
- Full 360° rotation
- 45° axial deflection as standard
- High Load capabilities

ADDITIONAL INFORMATION

- Common sizes are shown, other sizes available on request.
- Tools are manufactured from mild steel as standard. Other materials are available on request.
- Bespoke designs available to suit job specific applications

The WellEnTech Surface Handling Tool provides flexibility when spooling Coiled Tubing onto and off of a reel. It includes three Knuckles as standard which gives a 45° flex. However, being a modular design, it has the added benefit of enabling the operator to include additional knuckles to provide improved flexibility where required. The Knuckles also provide a full 360° rotation and provide a smooth OD transition when knuckled over, ensuring there are no snagging points when running over the gooseneck. They can be supplied with industry standard wireline or coiled tubing connections as well as winch wire or shackle sub ends.

TECHNICAL SPECIFICATION

OD (Inches)	Length (Inches)	Connections	Tensile Strength (lbs)	Assembly Part No.	Additional Knuckles Part No.
1.250	13	1" 12 UNF	17,000	409-1250-A001	409-1250-A010
1.500	18	1" AMMT	21,800	409-1500-A001	409-1500-A010
1.750	18	1-1/4" AMMT	56,500	409-1750-A001	409-1750-A010
2.000	20	1-1/2" AMMT	95,200	409-2000-A001	409-2000-A010
2.375	25	1-1/2" AMMT	124,300	409-2375-A001	409-2375-A010
2.875	30	2-3/8" PAC	134,100	409-2875-A001	409-2875-A010

OPERATION

The WellEnTech Surface Handling Tool is ideally suited to Coiled Tubing spooling operations and is generally the link between the coil connector and the winch wire. The precision turned spheres provide a smooth, full rotation and are easily added and removed with standard hand tools. It is made up to the tool string like any other cross over or connection.

