

HYDRAULIC DIMPLE SYSTEM

APPLICATION

- For dimpling Coiled Tubing onto Dimple-on Coil Connectors*.
- Suitable for all grades of Coiled Tubing

FEATURES

- Compact design
- Robust construction
- Compatible for a range of coil wall thicknesses.
- Easy to maintain and redress.

ADDITIONAL INFORMATION

- Common sizes are shown, other sizes available on request.
- Tools are manufactured from mild steel as standard.

The WellEnTech Hydraulic Dimple System provides a means of dimpling Coiled Tubing onto a Dimple-on Coil Connector*. The assembly is a single compact unit which consists of a hydraulic cylinder and yoke arrangement which can be operated using a hand pump or hydraulic power pack. The Hydraulic Dimple System enables the dimpling process to be carried out quickly and safely. A selection of Dimple Jigs are available to suit a range of Coiled Tubing diameters.

TECHNICAL SPECIFICATION

Hydraulic Dimple Assembly		Dimple Jig	
Specifications	Part No.	Coil Size	Part No.
16.15" Long 5.10" Wide 6.50" High 17 kg	570-0010-A001	1"	570-1000-A001
		1-1/4"	570-1250-A001
		1-1/2"	570-1500-A001
		1-3/4"	570-1750-A001
		2"	570-2000-A001
		2-3/8"	570-2375-A001

OPERATION

The WellEnTech Hydraulic Dimple System can be used with either a hand pump or hydraulic power pack. Having selected a suitable Dimple Jig to suit the Coiled Tubing to be dimpled, it is then fitted to the Connector and the prepared Coiled Tubing and secured in place. There are two grub screws, one for orientation on the Connector and one for securing the jig onto the Coiled Tubing. The Hydraulic Dimple Assembly can then be placed onto the Dimple Jig and is automatically orientated by flats. The application of hydraulic pressure results in the forming of dimples onto the Dimple-on Coil Connector. This process is repeated until all the dimples are formed. A pull test will confirm the Connector has been fitted correctly and a pressure test will verify that a seal has been maintained. It is recommended that the Coiled Tubing is prepared with a WellEnTech CT Reamer Assembly* prior to installing the Connector.

