

# HYDRAULIC EXTERNAL DIMPLE SYSTEM

## APPLICATION

- For dimpling Coiled Tubing for External Dimple Connectors\*.
- Suitable for all grades of Coiled Tubing

## FEATURES

- Compact design.
- Integral Slide Hammer and Sub.
- 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 External Dimple System provides a means of hydraulically dimpling Coiled Tubing to facilitate the assembly of an External Dimple Connector\*. The assembly is a single compact unit which consists of 3 hydraulic cylinders, a slide Hammer and Removal Sub. The Hydraulic External Dimple System is operated using a hand pump. The Hydraulic Dimple System enables the dimpling process to be carried out quickly and safely. One system covers all wall thickness sizes for a single size of Coiled Tubing.

## TECHNICAL SPECIFICATION

Specifications	Coil Size	Part No.
14.50" Long 8.50" Wide 21.00" High 15.5 kg	1"	565-1000-A001
	1-1/4"	565-1250-A001
	1-1/2"	565-1500-A001
	1-3/4"	565-1750-A001
	2"	565-2000-A001
	2-3/8"	565-2375-A001

## OPERATION

The WellEnTech Hydraulic External Dimple System should be used with a hydraulic hand pump. Having selected a suitable System to suit the Coiled Tubing to be dimpled, it is then fitted to the Coiled Tubing and secured in place with a Socket Set Screws. The application of hydraulic pressure results in the forming of dimples onto the Coiled Tubing. The screws are backed off and the Dimple System rotated 90°. The dimpling 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. The WellEnTech Hydraulic External Dimple System is supplied with a Slide Hammer and Threaded Sub to assist with the fitting and removal of the External Dimple Connector.

