

# COIL TUBING PRODUCTS

## Hydraulic Disconnect - 870 Series

The Coil Solutions Hydraulic Disconnect was designed to separate itself from the remainder of the tool string when jarring and pulling was insufficient to release immobilized tools.

This tool enables the operator to drop a ball and pressure up to disengage the tool from the remaining of a stuck tool string. The tool can handle high torque loads, heavy jarring, and straight pull without affecting the release mechanism. Circulating a drop ball to the disconnect and applying pressure, shears predetermine brass screws thus, disconnecting the upper section of the disconnect from the lower portion leaving a standard fishing neck for retrieval of the stuck BHA.

- Robust design
- Short bottom hole assembly applications
- Standard GS profile
- High tensile loads
- Can be used for milling, drilling, fishing and heavy duty service applications
- Balanced piston design for perforating jobs
- Can be used with industry extended reach tools



\*Note. All values are rated for STD material.

Tool OD (in)	1.5	1.688	2.125	2.875	3.125
Connections	1" AMMT	1" AMMT	1 ½" AMMT	2 ¾" PAC	2 ¾" REG
Tensile Strength (lbs)	31,000	40,000	53,500	150,000	175,000
Torsional Strength (ft/lbs)	700	850	2,400	4,000	4,500
ID (in)	.500	.500	.700	.780	1.031
Length (in)	15.615	15.365	17.37	17.45	32.0
Working Pressure (psi)	7,000	10,000	10,000	10,000	12,000

\*Other sizes and thread variations upon request.

**For Further Information Please Contact:**

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