

HEAVY DUTY (HD) SPOOLER

Series: Capillary

rev 2



1424-0004

The **Hydessco** (HD) Spooler is a robust and reliable unit capable of accepting common wooden and steel spools up to $\varnothing 72''$ (sideboard flange) X 36'' traverse. The HD Spooler drive system consists of high speed/low torque hydraulic motor and chain-driven sprocket reduction. The HD Spooler drive shaft is ported to accept a high-pressure swivel connection (up to 15ksi) for hookup to the fluid pump and capillary string. The levelwind assembly on the HD Spooler is a chain-driven positioning system powered via hydraulic motor to keep tubing aligned with tubing being paid off and re-wrapped during retrieval. The operator's cabin controls regulate backpressure on the HD Spooler to prevent tubing from free-wheeling as it is injected into a well.

PHYSICAL CHARACTERISTICS

Length	77" [1956 mm]
Width	86" [2185 mm] ¹
Stowed Height	68" [1727 mm] ²
Deployed Height _{MAX}	128" [3251 mm] ²

¹ Does not include live swivel

² Does not include counter pole

STANDARD OPTIONS

Spool Load	Hydraulic Powered
Counter Pole	Included with dampening spring
Ported Drive Shaft	1" medium pressure for high-pressure swivel connection (swivel not included)
Disc Brake	Hand Pump Operated

HYDR POWER REQUIREMENTS

Max Pressure	2,000 psi [138 bar]
Min Flow	≥ 6 GPM [23 LPM]
Max Flow	≤ 15 GPM [57 LPM]

SPOOL CAPACITY

(sideboard x traverse)

Stand Alone Unit	$\varnothing 72''$ X 36" [1829 mm X 915 mm]
Unit in DNV Skid	$\varnothing 60''$ X 36" ³ [1524 mm X 915 mm]
MAX Spool Weight	9,000 lb [4082 kg]

³ If used w/Hydessco offshore DNV skid, the spool sideboard flange capacity is reduced to $\varnothing 60''$.

AVAILABLE OPTIONS

Live Swivel	Up to 15ksi swivel options
Tubing Counter	Mechanical counter that attaches to included counter pole
Increased Spool Capacity	Up to 84" sideboard flange (w/levelwind modification)