

AIR DRIVEN (AD) SPOOLER

Series: Capillary or Tecline

rev 1



The **Hydessco** Air Driven (AD) Spooler is a robust and reliable unit capable of accepting common wooden and steel spools up to Ø60" (sideboard flange) X 36" traverse. The AD Spooler is pneumatically driven by chain-driven sprockets, attached to the shaft and motor/gearbox. The AD 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 air-operated system regulates backpressure on the Spooler to prevent tubing from free-wheeling as it is injected into a well. The rotary disc brake/caliper is energized by a hydraulic hand-pump and normally used as an emergency brake; however, this can be used to aid in control of free-spooling during loss of primary power. Another note-worthy feature of our AD Spooler includes its air-hose management system which offers storage during transport and provides safety during operation. Pad-eyes are installed on each end for aid in lifting and finally a tool-less, split, bearing which makes loading and unloading a spool less more efficient.

PHYSICAL CHARACTERISTICS

Length	79" [2007 mm]
Width	40" [1016 mm] ¹
Height	46" [1168 mm]
Weight (empty)	755 lb [343 kg]

¹ Does not include live swivel

STANDARD OPTIONS

Ported Drive Shaft	½" med. pressure for high-pressure swivel connection (swivel not included)
Disc Brake	Hand Pump Operated

AIR POWER REQUIREMENTS

Max Pressure	100 psi [6.9 bar]
Min Air Consumption	125 CFM [3540 LPM]

SPOOL CAPACITY

(sideboard x traverse)

MAX Spool Size	Ø60" X 36" [1524 mm X 914 mm]
MAX Spool Weight	3,500 lb [1588 kg]

AVAILABLE OPTIONS

Live Swivel	Up to 15ksi swivel options
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