

INJECTOR HEAD

Series: 6600

rev 5



1109-0045

An Injector head is the primary component of a capillary injection system. During installation, the operator routes capillary tubing from the spooler to the top of the injector and passes it through the sheave alignment wheel. A series of grooved wheels aid alignment and pre-straighten the tubing prior to entering the gripper blocks which are integrated into the drive chains. The dual chain configuration utilizes two opposing chains with integrated gripper blocks to push (inject) or pull tubing via hydraulic cylinder traction system. Hydessco's 6600 injector head comes standard with a 4-cylinder traction system, dual disc-type hydraulic brakes, dual counterbalance valves, hydraulic load cell, and quad pod for packoff integration.

PERFORMANCE FEATURES




Pull Capacity	5,000 lb [2268 kg] ¹
Snub Capacity	2,500 lb [454 kg] ¹
Tubing Range	Ø1/4", Ø3/8" and Ø5/8" ²
Velocity	Variable speed from 3 ft/min to 250 ft/min ¹
Sheave Wheel	Minimum Ø20"

¹ Max speeds and pull are based on 100% efficiency and may diminish slightly due to wear of components
² Ø5/8" tubing requires gooseneck kit, sold separately

HYDR POWER REQUIREMENTS

Max Pressure	3,000 psi [207 bar]
Min Flow	≥ 10 GPM [38 LPM]
Max Flow	≤ 35 GPM [132 LPM]

AVAILABLE CERTIFICATIONS³

DNV	 2.7-3	
		MACHINERY, ATEX
		

³ Not standard, must be requested.

STANDARD OPTIONS

Sling Set	Pull Tested
Quad Pod	Includes various adapters
Heat Treated Gripper Blocks	Dual Ø1/4" and Ø3/8" Single Ø1/4" or Ø3/8"

PHYSICAL CHARACTERISTICS

Tare Weight _{FRAME}	500 lb [227 kg]
Payload	2,500 lb [1134 kg]
MGW	3,000 lb [1361 kg]
Length	40" [1016 mm]
Width	36" [915 mm]
Height	82" [2083 mm]