

Eckel® 8⁵/₈ Hydra-Shift® HT

Casing / Drill Pipe Tong 2³/₈ - 8⁵/₈ in.
Maximum Torque 40,000 ft-lbs (54233 Nm)

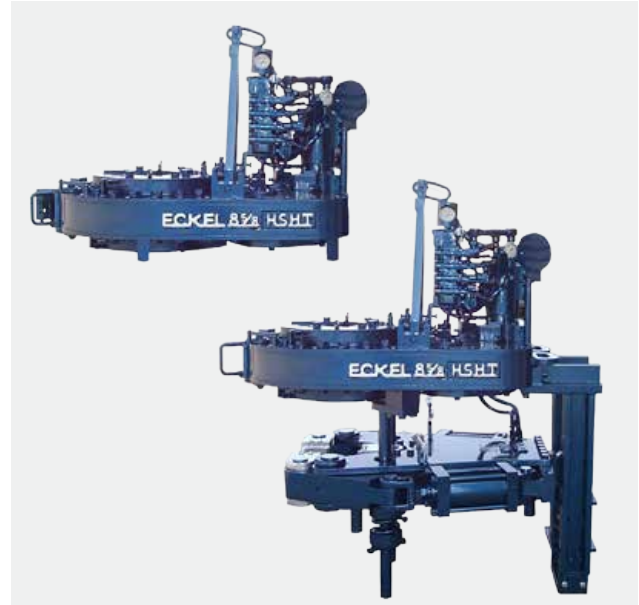


Special applications and tough requirements demanded that we respond with a new tong designed and built with today's pipe handling challenges in mind, the 8⁵/₈ Hydra-Shift® HT. Utilizing a two-speed mechanical shift transmission in conjunction with the two-speed Hydra-Shift® motor, the operator has a more flexible choice of torque/RPM's to work with during make-up or break-out. This tong also features sliding heads with wrap-around dies, which provides evenly applied pressure to the pipe and a more significant pipe gripping coverage, which reduces tubular damage. This tong offers the operator the speed options down to the slow speed parameter demanded by the pipe manufacturers and oil companies while also providing a high speed of 78 RPM's when required.

- Maximum Torque:
40,000 ft-lbs (54233 Nm)
- Flexible Choice of Torque & RPM with Hydra-Shift® Motor and Two Speed Gear Train, (4) Torque Levels / (4) RPM Speeds
- Two Speed Gear Train
- Quick Changing Sliding Heads
- Self Aligning Throat
- Drop-in Style Bracket/Mount Shaft Encoder
- Chain Bridle or Solid Hanger
- Radial Lock Door
- Drill Pipe Capable
- Wrap-Around Dies or Rig Dies:
Steel Fine Tooth / Coarse Tooth
True Grit® Non-Marking dies

Options

- Tri-Grip® Backup: Compression or Tension
- RPM Control
- Torque Turn Control System
- In-line Electronic Dump Valve
- Open/Close Center Convertible Control Valve
- Door Interlock
- Lift Cylinder
- Spring Hanger



TONG SPECIFICATIONS

Capacity	2 ³ / ₈ - 8 ⁵ / ₈ in. (60.3 - 219.1 mm)
Dimensions	30 x 56 in. (762.0 x 1397.0 mm)
Weight ^[1]	2,110 lb. (957.1 kg)
Maximum Torque @ 2,500 psi (172 bar)	
High-High	5,000 ft-lb (6779 Nm)
High-Low	10,000 ft-lb (13558 Nm)
Low-High	20,000 ft-lb (27116 Nm)
Low-Low	40,000 ft-lb (54233 Nm)
Maximum RPM @ 65 GPM (246 L/M)	
High-High	78 rpm
High-Low	38 rpm
Low-High	17 rpm
Low-Low	8 rpm
Handle Length	33 in. (838.2 mm)
Certifications	CE or DNV Optional

BACKUP SPECIFICATIONS

Backup Type	Tri-Grip Backup
Capacity	2 ³ / ₈ - 9 ⁵ / ₈ in. (60.3 - 244.5 mm)
Dimensions ^[2]	37 x 62 in. (939.8 x 1574.8 mm)
Weight ^{[1] [2]}	4,105 lb. (1862.0 kg)
Load Cell Type	Compression or Tension
Handle Length ^[2]	39 in. (990.6 mm)

^[1] Weight Approximate, ^[2] Tong and Backup

RELIABLE. SAFE. EFFICIENT. TRUSTED.

sales@eckel.com | www.eckel.com