

Eckel® 25 HS-85

Casing Tong 7 in. - 25 in.

Maximum Torque 85,000 ft-lbs (115244 Nm)



Featuring a two-speed motor and a two-speed gear train, this tong is available with two different torque output configurations. The HS-85 model provides 85,000 ft-lb of torque and weighs 6,330 pounds. This tong easily handles ultra-heavy casing strings from 7 inches to 25 inches.

Features

- Maximum Torque:
85,000 ft-lbs (115244 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
- Self Aligning Throat
- Drop-in Style Bracket/Mount Shaft Encoder
- Chain Bridle or Solid Hanger
- Wrap-Around Dies or Rig Dies:
Steel Fine Tooth / Coarse Tooth

Options

- Wedge Drive Tri-Grip
(Compression or Tension)
- RPM Control
- In-line Electronic Dump Valve
- Open/Close Center Convertible Control Valve
- Torque Turn Control System
- Door Interlock
- Lift Cylinder
- Spring Hanger



TONG SPECIFICATIONS

Capacity	7 - 25 in. (177.8 - 635.0 mm)
Dimensions	56½ x 91.5 in. (1435.1 x 2324.1 mm)
Weight ^[1]	6,330 lb. (2871.2 kg)
Maximum Torque @ 2,500 psi (172 bar)	
High-High	5,500 ft-lb (7457 Nm)
High-Low	20,000 ft-lb (27116 Nm)
Low-High	25,000 ft-lb (33895 Nm)
Low-Low	85,000 ft-lb (115244 Nm)
Maximum RPM @ 65 GPM (246 LPM)	
High-High	65
High-Low	17
Low-High	14
Low-Low	4.5
Handle Length	56 in. (1422.4 mm)
Certifications	CE or DNV Optional

BACKUP SPECIFICATIONS

Backup Type	Wedge Drive Tri-Grip Backup
Capacity	9½ - 26½ in. (244.5 - 673.1 mm)
Dimensions ^[2]	68 x 95 in. (1727.2 x 2413.0 mm)
Weight ^{[1] [2]}	9,200 lb. (4173 kg)
Load Cell Type	Compression or Tension
Handle Length ^[2]	56 in. (1422.4 mm)

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

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