

# Eckel® 25 HS-60

Casing Tong 7 in. - 25 in.

Maximum Torque 60,000 ft-lbs (81349 Nm)



Featuring a two-speed motor and a two-speed gear train, this tong is available with two different torque output configurations. The HS-60 model provides 60,000 ft-lb and weighs approximately 6,290 pounds. This tong easily handles ultra-heavy casing strings from 7 inches to 25 inches.

## Features

- Maximum Torque: 60,000 ft-lbs (81349 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® Backup (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 <sup>[1]</sup>	6,290 lb. (2853.1 kg)
Maximum Torque @ 2,500 psi (172 bar)	
High-High	5,500 ft-lb (7457 Nm)
High-Low	16,000 ft-lb (21693 Nm)
Low-High	20,000 ft-lb (27116 Nm)
Low-Low	60,000 ft-lb (81349 Nm)
Maximum RPM @ 65 GPM (246 LPM)	
High-High	65
High-Low	22
Low-High	17
Low-Low	6
Handle Length	56 in. (1422.4 mm)
Certifications	CE or DNV Optional

## BACKUP SPECIFICATIONS

Backup Type	Wedge Drive Tri-Grip Backup
Capacity	9¾ - 26½ in. (244.5 - 673.1 mm)
Dimensions <sup>[2]</sup>	68 x 95 in. (1727.2 x 2413 mm)
Weight <sup>[1] [2]</sup>	9,000 lb. (4082 kg)
Load Cell Type	Compression or Tension
Handle Length <sup>[2]</sup>	56 in. (1422.4 mm)

<sup>[1]</sup> Weight Approximate, <sup>[2]</sup> Tong and Backup

**RELIABLE. SAFE. EFFICIENT. TRUSTED.**

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