

Eckel® 13⁵/₈ HD-45

Casing Tong 5¹/₂ - 13⁵/₈ in.

Maximum Torque 45,000 ft-lbs (61012 Nm)



When your applications require a higher torque performance, the Eckel Model 13⁵/₈ HD-45 provides the performance you need with a maximum torque of 45,000 ft-lbs. Our **patented CASE STIFFENER** technology enhances overall torque to provide consistent torque output. Having a high full 360° rotational torque capability ensures the tong can makeup special torque-turn connections that require continuous rotation. Also, the CASE STIFFENER technology reduces stress and wear on the rotary gear teeth. The tong door easily swings open or closed and is locked when tong torque is applied. When combined with our safety door interlock, the tong provides unparalleled safety while speeding up the turn around time between connections.

Features

- Maximum Torque:
45,000 ft-lbs (61012 Nm)
- CASE STIFFENER Technology Enhanced
- 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

- 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	5 ¹ / ₂ - 13 ⁵ / ₈ in. (139.7 - 346.1 mm)
Dimensions	34 x 59 in. (863.6 x 1498.6 mm)
Weight ^[1]	1,700 lb. (771.1 kg)
Maximum Torque @ 2,500 psi (172 bar)	
High	6,500 ft-lb (8813 Nm)
Low	45,000 ft-lb (61012 Nm)
Maximum RPM @ 65 GPM (246 LPM)	
High	50 rpm
Low	8 rpm
Handle Length	36 in. (914.4 mm)
Certifications	CE or DNV Optional

BACKUP SPECIFICATIONS

Backup Type	Tri-Grip Backup
Capacity	5 ¹ / ₂ - 14 ⁵ / ₈ in. (139.7 - 371.5 mm)
Dimensions ^[2]	44 ¹ / ₂ x 58 in. (1130.3 x 1473.2 mm)
Weight ^[1] ^[2]	3,400 lb. (1542.2 kg)
Load Cell Type	Compression or Tension
Handle Length ^[2]	36 in. (914.4 mm)

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

RELIABLE. SAFE. EFFICIENT. TRUSTED.

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