

Eckel® 14 UHT

Casing Tong 4 - 14 in.

Maximum Torque 70,000 ft-lbs (94987.3 Nm)



An excellent choice where applications demand the combination of size range and high torque output, the Eckel Model 14 UHT handles pipe from 4 inches to 14 inches. This tong features our new patent-pending CASE STIFFENERS with an upgraded in design and performance over the Model 14 HS, this tong can deliver 70,000 ft-lb of torque. Also available with hydraulic, Wedge Tri-Grip® backup, which handles pipe from 4 inches to 15.5 inches.

Our patent-pending CASE STIFFENER technology enhances overall torque to provide consistent torque output. Having a high full 360° rotational torque and speed-shifting 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.

Features

- Maximum Torque:
70,000 ft-lbs (94987.3 Nm)
- Case Stiffener Technology Enhanced
- Two Speed Gear Train
- Self Aligning Throat
- Drop-in Style Bracket/Mount Shaft Encoder
- Chain Bridle or Solid Hanger
- Radial Lock Door
- Wrap-Around Dies or Rig Dies:
Steel Fine Tooth / Coarse Tooth

Options

- Wedge Drive 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	4 - 14 in. (101.6 - 355.6 mm)
Dimensions	41 x 67 in. (1041.4 x 1701.8 mm)
Weight ^[1]	3,500 lb. (1587.6 kg)
Maximum Torque @ 2,500 psi (172 bar)	
High	12,000 ft-lb (16269.8 Nm)
Low	70,000 ft-lb (94987.3 Nm)
Maximum RPM @70 GPM (265 LPM)	
High	32 rpm
Low	5 rpm
Handle Length	42½ in. (1079.5 mm)
Certifications	CE or DNV Optional

BACKUP SPECIFICATIONS

Backup Type	Wedge Drive Tri-Grip Backup
Capacity	4 - 15.5 in. (101.6 - 393.7 mm)
Dimensions ^[2]	51 x 69 in. (1295.4 x 1752.6 mm)
Weight ^{[1] [2]}	6,300 lb. (2857.6 kg)
Load Cell Type	Compression or Tension
Handle Length ^[2]	42.5 in. (1079.5 mm)

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

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