

# Eckel® 4½ UHT-20

Tubing Tong 1.050 in. - 4½ in.

Maximum Torque 12,000 ft-lbs (16270 Nm)



The 4½ UHT-20 is a lightweight yet robust tong, delivering an impressive 12,000 ft-lb of torque. A key feature is its quick-change sliding head biting system, designed to compensate for worn or undersized pipe, ensuring consistent performance.

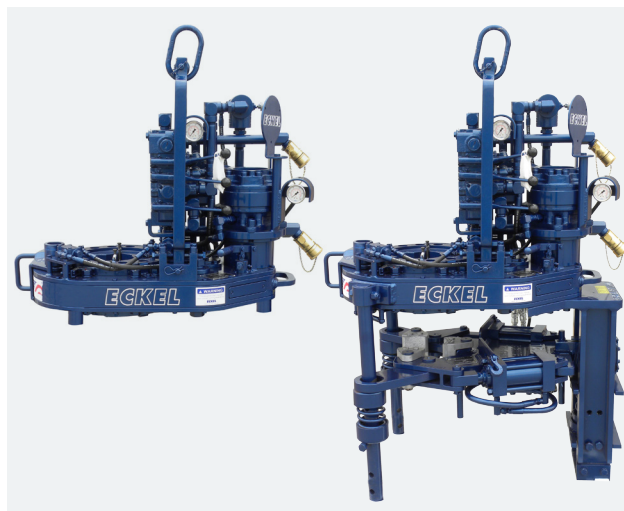
Available options include manual backups or the Tri-Grip® hydraulic backup system. Additionally, slide heads with rig dies are offered for efficient handling of drill pipe tool joints, further enhancing the UHT-20's versatility in demanding applications.

## Features

- Maximum Torque:  
12,000 ft-lbs (16270 Nm)
- 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
- Wrap-Around Dies or Rig Dies:  
Steel Fine Tooth / Coarse Tooth  
**True Grit®** Non-Marking dies
- Drill Pipe Capable

## Options

- 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	1.050 - 4½ in. (26.7 - 114.3 mm)
Rod Size	¾ - 1½ in. (15.9 - 28.6 mm)
Dimensions	21.5 x 45 in. (546.1 x 1143 mm)
Weight <sup>[1]</sup>	800 lb. (362.9 kg)
Maximum Torque @ 1,470 PSI (101.4 bar)	
High	2,300 ft-lb (3118 Nm)
Low	8,000 ft-lb (10847 Nm)
Maximum Torque @ 2,000 PSI (138 bar)	
High	2,600 ft-lb (3525 Nm)
Low	10,000 ft-lb (13558 Nm)
Maximum Torque @ 2,500 PSI (172 bar)	
High	3,000 ft-lb (4067 Nm)
Low	12,000 ft-lb (16270 Nm)
Maximum RPM @ 65 GPM (246 LPM)	
High:	124 rpm
Low:	32 rpm
Maximum RPM @ 50 GPM (189 LPM)	
High:	95 rpm
Low:	25 rpm
Maximum RPM @ 40 GPM (151 LPM)	
High:	76 rpm
Low:	20 rpm
Handle Length	24 in. (609.6 mm)
Certifications	CE or DNV Optional

## BACKUP SPECIFICATIONS

Backup Type	Tri-Grip® Backup
Capacity	1.050 - 5½ in. (26.7 - 141.3 mm)
Dimensions <sup>[2]</sup>	28 x 45 in. (711.2 x 1143 mm)
Weight <sup>[1] [2]</sup>	1,550 lb. (703.1 kg)
Load Cell Type	Compression or Tension
Handle Length <sup>[2]</sup>	25 in. (635.05 mm)

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

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