

Compact Casing Tong

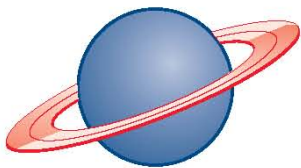
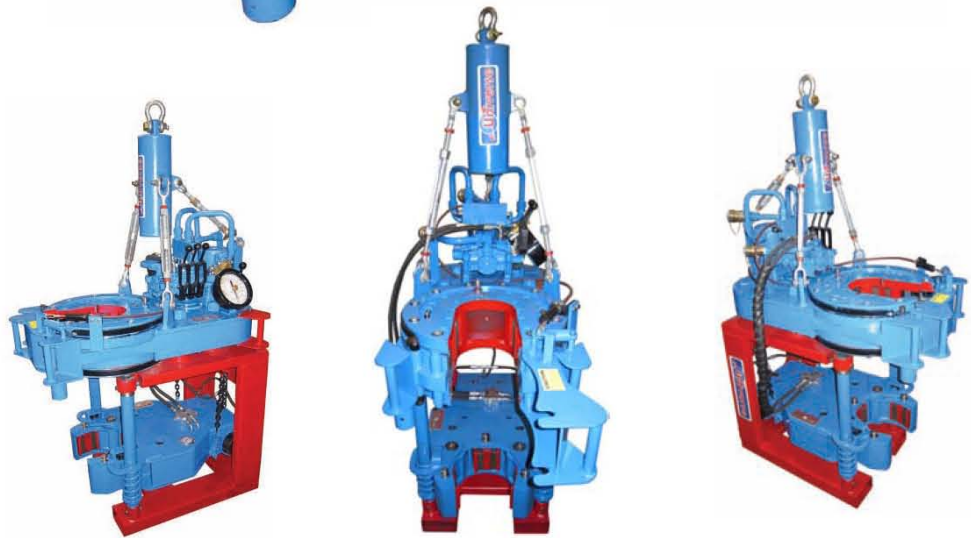
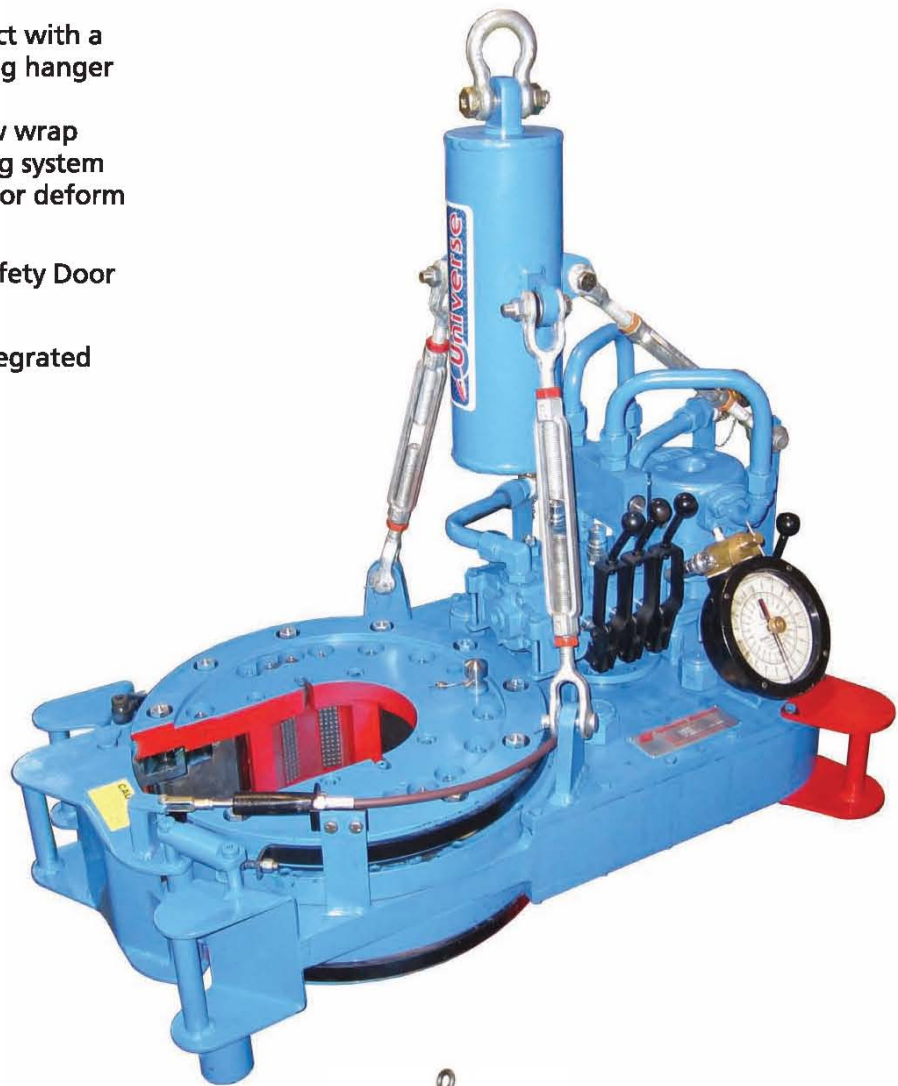
STRAIGHT TORQUE from UNIVERSE

Ultra compact with a built-in spring hanger

Unique 2 jaw wrap around biting system will not scar or deform the tubing

Patented Safety Door Interlock

Optional integrated backup



Universe Machine

C O R P O R A T I O N

Ph
Toll Free

780-468-5211
1-866-468-5211

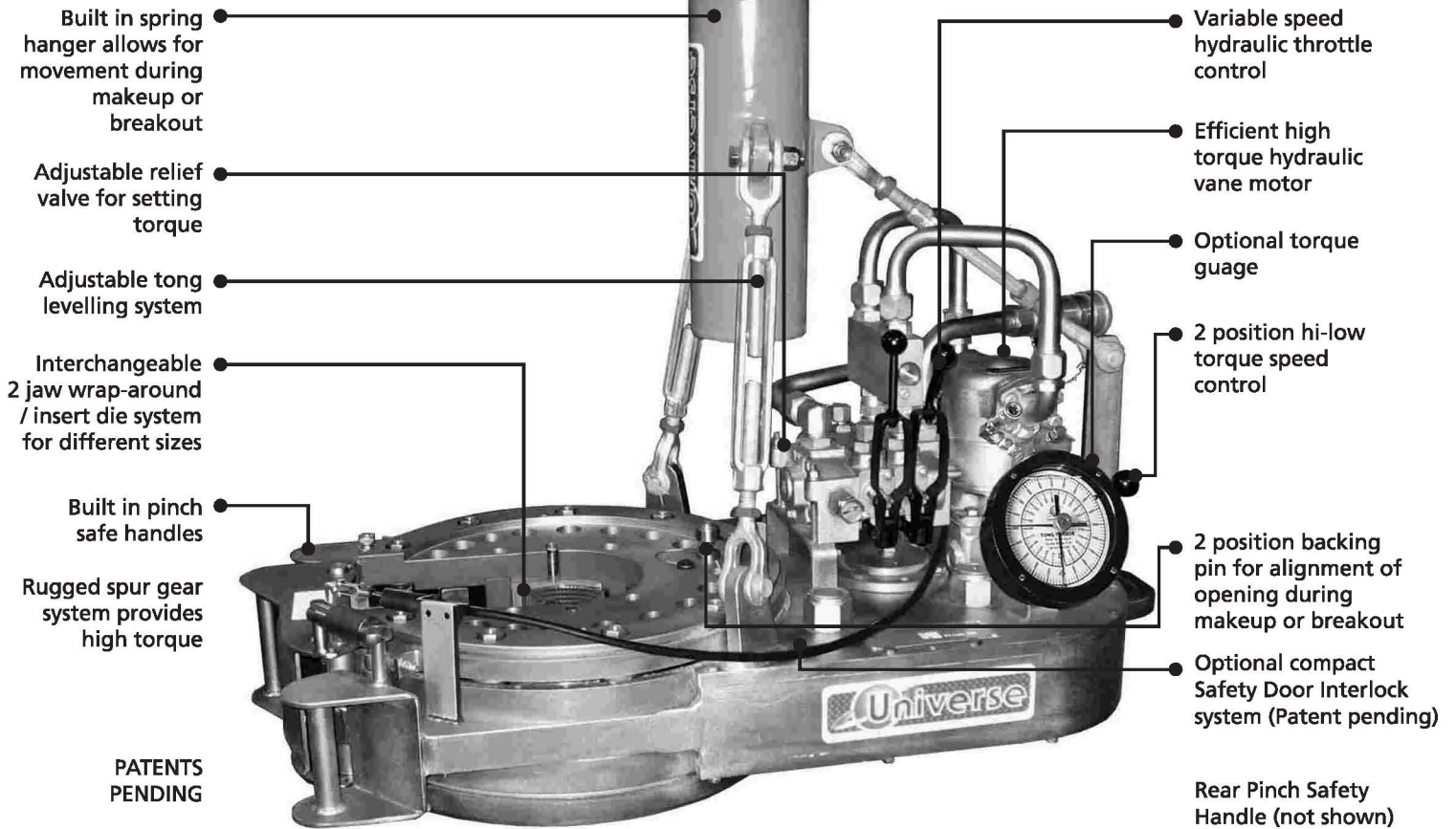
Address

5545 - 91 Street, Edmonton, Alberta
Canada, T6E 6K4

E-mail
Web Site

sales@umcorp.com
www.umcorp.com

Compact Casing Tong



- Built in spring hanger allows for movement during makeup or breakout
- Adjustable relief valve for setting torque
- Adjustable tong levelling system
- Interchangeable 2 jaw wrap-around / insert die system for different sizes
- Built in pinch safe handles
- Rugged spur gear system provides high torque

- Variable speed hydraulic throttle control
- Efficient high torque hydraulic vane motor
- Optional torque gauge
- 2 position hi-low torque speed control
- 2 position backing pin for alignment of opening during makeup or breakout
- Optional compact Safety Door Interlock system (Patent pending)

PATENTS PENDING

Rear Pinch Safety Handle (not shown)

High strength alloy steels used throughout the tong provides a light weight, high torque and compact tong ensuring long life and durability

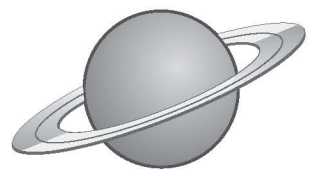
Optional hydraulic or manual backups (Patented) are available to mount under tong

Optional electric, diesel skid or trailer mounted hydraulic power units are available to suit customer

US PATENT 8,418,586 B2

Size Inches (mm)	Maximum Torque * ft-lbs (kg-m)	Weight lbs (kg)	Body Size (W x L) Inches (m)	Torque Arm inches (m)	Speed (Max) * RPM
7.63 (194)	17,000 (2,350) @ 3,000 psi (20,684 KPa) - Max 14,100 (1,949) @ 2,500 psi (17,237 KPa)	1100 (498)	22 x 46-3/4 (0.58-1.19)	28 (0.71)	97

* Actual torque rating may vary on smaller jaw sizes
Data is subject to change without notice; visit our website for up to date information.



**Universe
MACHINE**
C O R P O R A T I O N

Ph 780-468-5211
Toll Free 1-866-468-5211
Address 5545 - 91 Street, Edmonton, Alberta
Canada, T6E 6K4
E-mail sales@umcorp.com
Web Site www.umcorp.com