

Hydraulic Power Tongs

Key Points of the hydraulic tubing & casing we can offer are :

- Two jaw biting system with wraparound dies for 7-5/8" and smaller
- Three jaw biting system with 6 dies for casing tongs 9-5/8" and larger
- Built in spring hanger for movements during makeup or breakout with adjustable tong leveling system
- Two position hi-low torque speed control
- Efficient high torque hydraulic vane motor
- Optional door safety interlock available
- Modular handles that can be placed to suit customer



5-1/2" Tubing Tong



Torque at 2,500 psi (17,237 kPa) : Low Gear 15,000 ft-lbs (2,074 kg-m) / High Gear 3,900 ft-lbs (539 kg-m)

Speed at 45 GPM (170 LPM) : Low Gear 18 RPM / High Gear 71 RPM

Speed at 65 GPM (246 LPM) : Low Gear 26 RPM / High Gear 102 RPM

Jaws Available : Wrap-Around Dies 4-1/4 in to 5-1/2 in (108 mm to 139.7 mm) & 2-1/6 in to 4-1/8 in (52.4 mm to 104.8 mm)

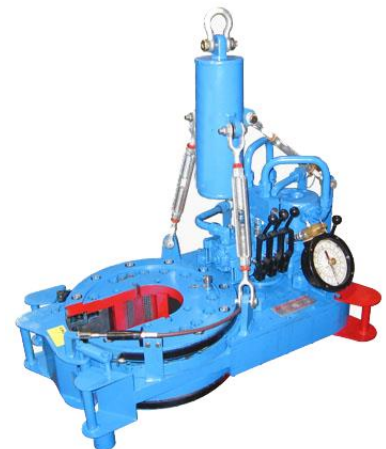
7-5/8" Compact Casing Tong

Torque at 2,500 psi (17,237 kPa) : Low Gear 14,100 ft-lbs (1,949 kg-m) / High Gear 3,600 ft-lbs (498 kg-m)

Torque at 3,000 psi (20,684 kPa) : Low Gear 17,000 ft-lbs (2,350 kg-m) / High Gear 4,372 ft-lbs (604 kg-m)

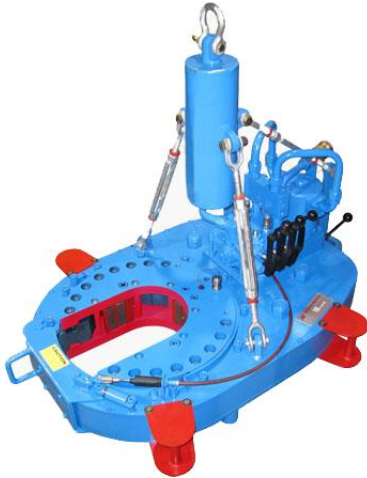
Jaws Available : Insert Dies 5-1/2 to 7-5/8 in (139.7 mm to 193.7 mm) / Wrap-Around Dies 2-1/16 to 5-1/2 in (52.4 mm to 139.7 mm)

Torque at 2,500 psi (17,237 kPa) : Low Gear 14,100 ft-lbs (1,949 kg-m) / High Gear 3,600 ft-lbs (498 kg-m)





9-5/8" Casing Tong (Standard)



Torque at 2,000 psi (13,790 kPa) : Low Gear 14,400 ft-lbs (1,991 kg-m) or 22,000 ft-lbs (3,042 kg-m) / High Gear 3,715 ft-lbs (514 kg-m) or 5,675 ft-lbs (785 kg-m)

Torque at 2,500 psi (17,237 kPa) : Low Gear 18,000 ft-lbs (2,489 kg-m) / High Gear 4,650 ft-lbs (643 kg-m)

Torque at 3,000 psi (20,684 kPa) : Low Gear 22,000 ft-lbs (3,042 kg-m) / High Gear 5,675 ft-lbs (785 kg-m)

Speed at 45 GPM (170 LPM) : Low Gear 15 RPM or 9 RPM / High Gear 57 RPM or 36 RPM

Speed at 65 GPM (246 LPM) : Low Gear 21 RPM or 13 RPM / High Gear 83 RPM or 52 RPM

Jaws Available : Insert Dies 2-3/8 in to 9-5/8 in (60.3 mm to 244.5 mm) & 2-3/8 in to 9-5/8 in (60.3 mm to 244.5 mm)

Torque at 2,000 psi (13,790 kPa) : Low Gear 14,400 ft-lbs (1,991 kg-m) or 22,000 ft-lbs (3,042 kg-m) / High Gear 3,715 ft-lbs (514 kg-m) or 5,675 ft-lbs (785 kg-m)

9-5/8" Casing Tong (Upgraded)



Torque at 2,000 psi (13,790 kPa) : Low Gear 27,000 ft-lbs (3,773 kg-m) / High Gear 6,980 ft-lbs (965 kg-m)

Speed at 45 GPM (170 LPM) : Low Gear 7 RPM / High Gear 29 RPM

Speed at 65 GPM (246 LPM) : Low Gear 11 RPM / High Gear 41 RPM

Jaws Available : Insert Dies 2-3/8 in to 9-5/8 in (60.3 mm to 244.5 mm)

13-5/8" Casing Tong (Standard)



Torque at 2,100 psi (16,893 kPa) : Low Gear 16,425 ft-lbs (2,271 kg-m) or 25,000 ft-lbs (3,456 kg-m) / High Gear 4,240 ft-lbs (586 kg-m) or 6,450 ft-lbs (892 kg-m)

Torque at 2,500 psi (17,237 kPa) : Low Gear 19,550 ft-lbs (2,703 kg-m) / High Gear 5,050 ft-lbs (698 kg-m)

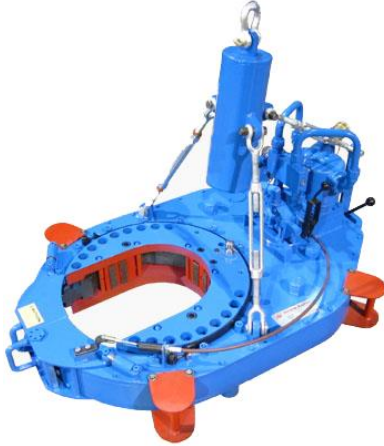
Torque at 3,200 psi (22,063 kPa) : Low Gear 25,000 ft-lbs (3,456 kg-m) / High Gear 6,450 ft-lbs (892 kg-m)

Speed at 45 GPM (170 LPM) : Low Gear 13 RPM or 8 RPM / Low Gear 51 RPM or 32 RPM

Speed at 65 GPM (246 LPM) : Low Gear 19 RPM or 12 RPM / Low Gear 74 RPM or 46 RPM

Jaws Available : Insert Dies 2-3/8 in to 13-5/8 in (60.3 mm to 339.7 mm)

13-5/8" Casing Tong (Upgraded)



Torque at 2,450 psi (16,892 kPa) : Low Gear 36,000 ft-lbs (4,977 kg-m) / High Gear 9,290 ft-lbs (1,284 kg-m)
Speed at 45 GPM (170 LPM) : Low Gear 7 RPM / High Gear 26 RPM

Speed at 65 GPM (246 LPM) : Low Gear 10 RPM / High Gear 37 RPM

Jaws Available : Insert Dies 2-3/8 in to 13-5/8 in (60.3 mm to 339.7 mm)

17" Casing Tong (Standard)



Torque at 2,500 psi (17,237 kPa) : Low Gear 23,075 ft-lbs (3,190 kg-m) / High Gear 5,950 ft-lbs (823 kg-m)

Torque at 3,250 psi (22,408 kPa) : Low Gear 30,000 ft-lbs (4,148 kg-m) / High Gear 7,740 ft-lbs (1,070 kg-m)

Speed at 45 GPM (170 LPM) : Low Gear 11 RPM / High Gear 44 RPM

Speed at 65 GPM (246 LPM) : Low Gear 16 RPM / High Gear 63 RPM

Jaws Available : Insert Dies 7 in to 17 in (177.8 mm to 431.8 mm)

17" Casing Tong (Upgraded)



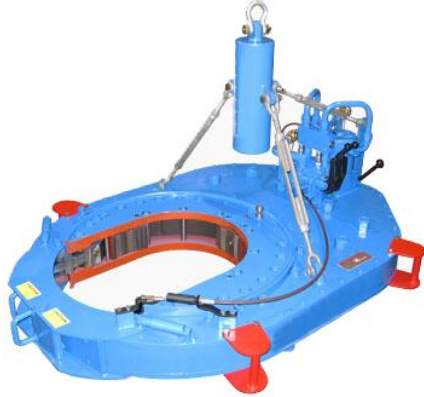
Torque at 2,350 psi (16,203 kPa) : Low Gear 41,000 ft-lbs (5,668 kg-m) / High Gear 10,580 ft-lbs (1,463 kg-m)

Speed at 45 GPM (170 LPM) : Low Gear 6 RPM / High Gear 22 RPM

Speed at 65 GPM (246 LPM) : Low Gear 8 RPM / High Gear 31 RPM

Jaws Available : Insert Dies 7 in to 17 in (177.8 mm to 431.8 mm)

20" Casing Tong (Standard)



Torque at 2,500 psi (17,237 kPa) : Low Gear 27,200 ft-lbs (3,761 kg-m) / High Gear 7,020 ft-lbs (971 kg-m)

Torque at 3,500 psi (21,029 kPa) : Low Gear 37,700 ft-lbs (5,212 kg-m) / High Gear 9,750 ft-lbs (1,348 kg-m)

Speed at 45 GPM (170 LPM) : Low Gear 10 RPM / High Gear 37 RPM

Speed at 65 GPM (246 LPM) : Low Gear 14 RPM / High Gear 53 RPM

Jaws Available : Insert Dies 7 in to 20 in (177.8 mm to 508 mm)

20" Casing Tong (Upgraded)



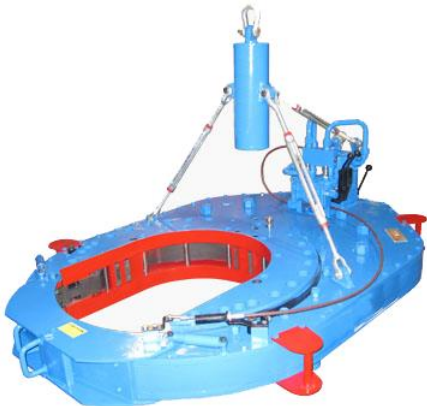
Torque at 2,450 psi (16,892 kPa) : Low Gear 50,000 ft-lbs (6,913 kg-m) / High Gear 12,900 ft-lbs (1,784 kg-m)

Speed at 45 GPM (170 LPM) : Low Gear 5 RPM / Low Gear 19 RPM

Speed at 65 GPM (246 LPM) : Low Gear 7 RPM / Low Gear 27 RPM

Jaws Available : Insert Dies 7 in to 20 in (177.8 mm to 508 mm)

24-1/2" Casing Tong (Standard)



Torque at 2,500 psi (17,237 kPa) : Low Gear 31,300 ft-lbs (4,327 kg-m) / High Gear 8,075 ft-lbs (1,116 kg-m)

Torque at 3,400 psi (23,442 kPa) : Low Gear 42,700 ft-lbs (5,904 kg-m) / High Gear 11,000 ft-lbs (1,521 kg-m)

Speed at 45 GPM (170 LPM) : Low Gear 8 RPM / High Gear 32 RPM

Speed at 65 GPM (246 LPM) : Low Gear 12 RPM / High Gear 46 RPM

Jaws Available : Insert Dies 7-1/2 in to 24-1/2 in (190.5 mm to 622.3 mm)

24-1/2" Casing Tong (Standard)



Torque at 2,400 psi (16,547 kPa) : Low Gear 56,000 ft-lbs (7,742 kg-m) / High Gear 14,450 ft-lbs (1,998 kg-m)

Speed at 45 GPM (170 LPM) : Low Gear 4 RPM / High Gear 16 RPM

Speed at 65 GPM (246 LPM) : Low Gear 6 RPM / High Gear 23 RPM

Jaws Available : Insert Dies 7-1/2 in to 24-1/2 in (190.5 mm to 622.3 mm)

7" Closed Mouth Tong

Torque at 2,500 psi (17,237 kPa) : Low Gear 11,100 ft-lbs (1,535 kg-m) / High Gear 2,875 ft-lbs (397 kg-m)

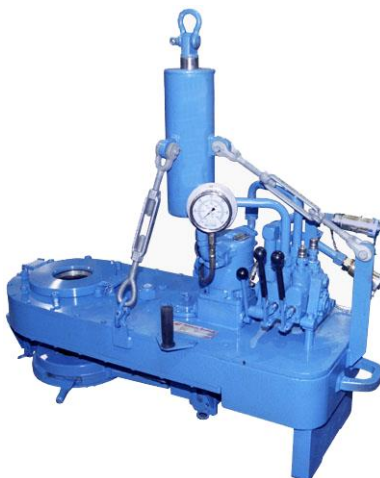
Torque at 3,000 psi (20,684 kPa) : Low Gear 13,000 ft-lbs (1,797 kg-m) / High Gear 3,400 ft-lbs (470 kg-m)

Speed at 65 GPM (246 LPM) : Low Gear 35 RPM / High Gear 135 RPM

Jaws Available : Insert Dies 1-5/16 in to 7 in (33.3 mm to 177.8 mm)



11-3/4" Closed Mouth Tong



Torque at 2,500 psi (17,237 kPa) : Low Gear 11,100 ft-lbs (1,535 kg-m) / High Gear 2,875 ft-lbs (397 kg-m)

Torque at 3,000 psi (20,684 kPa) : Low Gear 13,000 ft-lbs (1,797 kg-m) / High Gear 3,400 ft-lbs (470 kg-m)

Speed at 65 GPM (246 LPM) : Low Gear 35 RPM / High Gear 135 RPM

Jaws Available : Insert Dies 1-5/16 in to 7 in (33.3 mm to 177.8 mm)