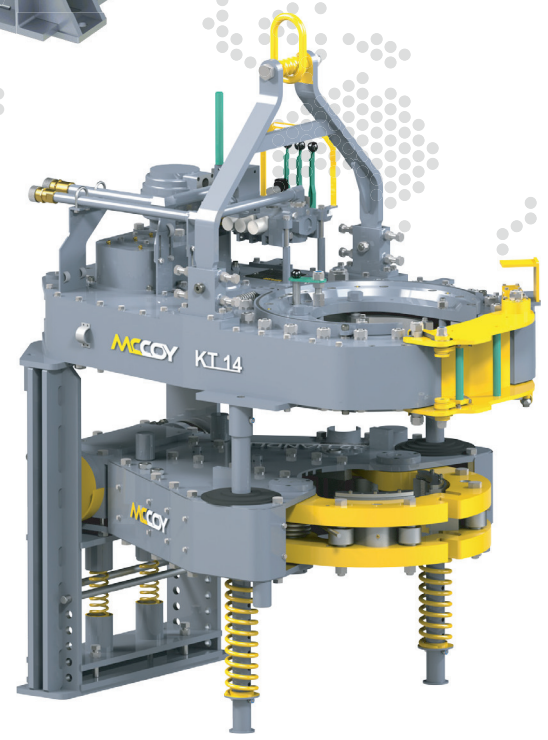
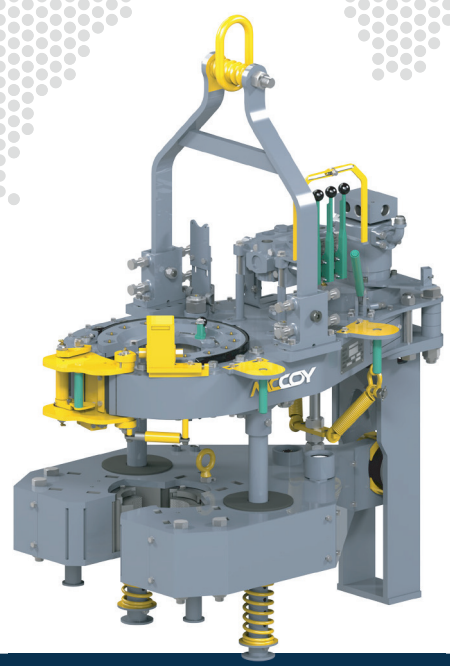
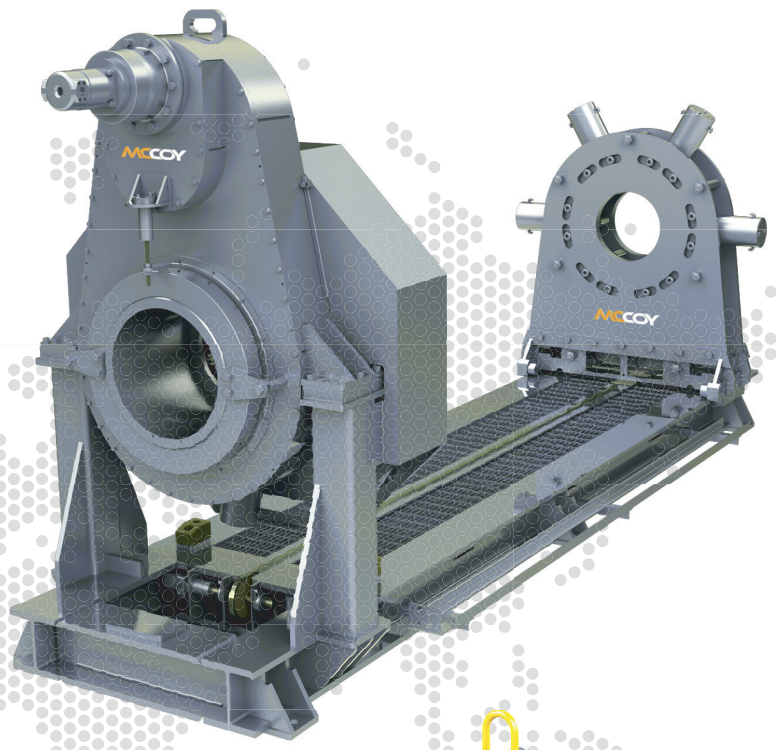
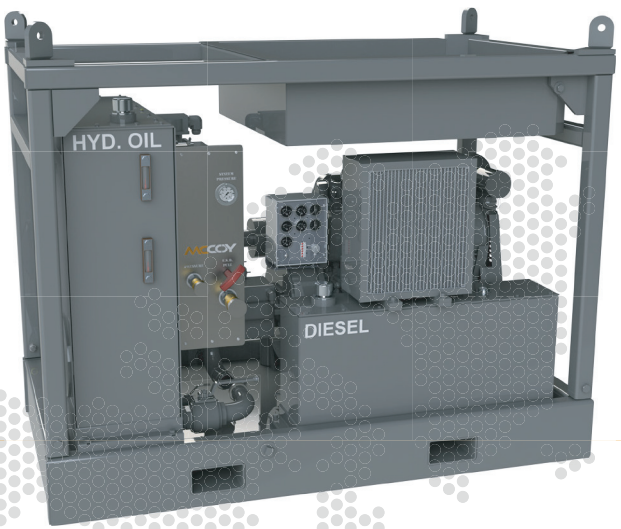


# LEADING TUBULAR MAKE-UP AND HANDLING EQUIPMENT PROVIDER FOR THE GLOBAL ENERGY INDUSTRY



# DATA ACQUISITION PRODUCTS

## WINCATT®

**WINCATT®** is a torque/turn management system that monitors and analyzes torque, turns and rotation speed during make-up to determine conformance with thread manufacturer's specifications, shouldering point for premium connections, shouldering time, delta torque and delta turns. The operator can review results from previous make-ups, as well as multiple joints in the makeup screen. With easy graphical report creation, operators can smoothly generate the reports they need for their specific job. The **WINCATT®** allows you to accept or reject the connection based on the delta turn value. The system has multiple language capabilities to ease use in various areas around the world. The unit can be used for both hazardous and non-hazardous locations. McCoy also offers an explosion proof ATEX Certified **WINCATT®** unit.

### SPECIFICATIONS:

- Computer:** Laptop running Windows 8 in stainless steel enclosure
- Sampling Frequency:** User defined from 1 to 8,000 Hz
- Recording Frequency:** Based on delta torque and user defined delta time
- Response Time:** Electronics: < 0.5 ms
- Hydraulic dump valve:** typical 10 to 30 ms
- Final Torque:** Average = Optimum torque +/- 1%
- Torque Accuracy:** Typically <1%
- Turns Accuracy:** +/- 1 pulse of turns counter
- Pressure Accuracy:** Typically <1%
- ATEX Certified Units:** Used for hazardous and non-hazardous locations



## weCATT™

McCoy's **weCATT™** Wireless Torque Sub provides solutions to customers' measurement challenges. Extensive field-testing has proven that **weCATT™** measures torque, turns, and hook load with unparalleled accuracy and responsiveness. These features combined with robust construction, long battery life, and easy integration with OEM top drives and casing running tools are key reasons why **weCATT™** has redefined tubular connection sensor technology. **weCATT™** transmits wirelessly to McCoy's **WINCATT®** Torque/Turn Management system, or any other data acquisition system of choice.

## TTS

From the leading producer of Wireless Torque & Tension Sub (**TTS**) Technology, with units operating worldwide and in service since 2006, McCoy Global is introducing the Enhanced Torque & Tension Sub with Integrated Turns to support torque-turn control for connection make-up using top drive casing running tools. No other supplier has the experience and number of systems operating as McCoy Global.

	weCATT™		TTS		
Size	4-1/2" API NC 50	6-5/8" API REG	4-1/2" IF NC50	6-5/8" REG	6-5/8" REG
Thread Orientation	Pin Up / Box Down or Box Up / Pin Down		Pin Up / Box Down or Box up / Pin Down		
Torque	35K ft.-lb.	50K ft.-lb.	40K ft.-lbs	50K ft.-lbs	85K ft.-lbs
Hook Load	350T	500T	350T	500T	690T
Torque/Tension Accuracy	±1% Full Scale		±1% of Full Scale		
Turns Resolution	1,000 Samples Per Revolution		1,000 Samples Per Revolution		
Temperature Range	-20° to 70°C (-4 to 158°F)		-40°C to 65°C (149°F)		
Battery Life	30 Days Continuous		480 hours at 25°C (77°F) (Approx. 20% lower at 0°C[32°F])		
Wireless Transmission	ZIGBEE Protocol 2.4 GHz Line of Sight up to 250 ft.		2.4 GHz, Direct Sequence Spread Spectrum Line of Sight Range 150 ft. Typical Use		
Enclosure Rating	Type 4X and IP66		Type 4X, Watertight		
Hazardous Area Classification	Class I Division 1, Class I Zone 1, Group IIB, T4		<b>North America:</b> Class 1, Division 1, Groups C & D, T4 <b>ATEX:</b> Zone 1, IIB, T4		
Certifications	CSA/UL/ATEX/IECEX				
Design	Designed to API 8C		Designed to API 8C		
Weight (Approx.)	Approximately 350 lbs.		184 lbs	238 lbs	238 lbs
Length	Standard shoulder to shoulder 21.62" (18.63" is the minimum shoulder to shoulder length if there is zero re-cut allowance)		Connection size and length manufactured to specifications		

# IRTT - IRON ROUGHNECK TORQUE TESTER

The **IRTT** is a calibrated torque gauge that is engineered to emulate the specific geometric and material properties of your joints. This likeness allows the **IRTT** to measure the torque delivered by an Iron Roughneck in situ: the **IRTT** is placed within the jaws and is loaded just like a joint connection.

Since a direct (not derived or estimated) torque measurement is captured by the **IRTT**, it removes additional calculations, correlations or guess work. The **IRTT** directly measures the make-up torque that is being delivered to your joint connections.

Measurements captured by the **IRTT** allows an operator to adjust the Iron Roughneck set point to maximize the accuracy of the make-up torque delivered.

## IRTT SPECIFICATIONS

Full-Scale Capacity* (± ft.-lbs)	65,000 to 150,000
Pipe Diameter* (In)	6-5/8" to 9-1/2"
Grip Length* (In)	9-1/4" to 12-3/4"
Joint Height* (In)	21" to 28"
Error Tolerance (±%FS)	1
Safe Overload (%FS)	110
Material	17-4 PH Stainless Steel
<b>Temperature Range:</b>	
Operation (°F)	-40 to 149
Storage (°F)	-60 to 149
<b>Hazardous Area Certifications:</b>	
Class 1, Division 2 Groups C, D (-40C < Ta < +65C)	
Class 1, Zone 2 AEX N IIB T4 (-40C < Ta < +65C)	
Zone 2 Group IIB T4 (-40C < Ta < +65C) / EX N IIB (-40C < Ta < +65C)	
* Custom Versions Available Upon Request	



## BUILT FOR MISSION CRITICAL MEASUREMENTS:

- Calibrated as a complete system by the McCoy Global custom-engineered calibration test stand that is traceable to NIST
- Shunt calibration feature provides a reliable intermediate check against IRTT drift.
- Machined from a solid piece of stainless steel to maximize symmetry and safety, minimize corrosion, and eliminate joint flexure/fatigue.
- Wireless communication and Class 1, Division 2 safety rating permit operation on the rig floor.

# weTORQ - WRENCH AND SPINNER

McCoy's **weTORQ™ 100** an integrated wrench and spinner with enhanced torque and range of motion which reduces the need to have people on the rig floor. The **weTORQ™ 100** is available in a hanging version. Optional wireless/remote controls also available.

## weTORQ™ 100 SPECIFICATIONS

Spin/Wrench Tubular Range	3.5" - 9.5"	89mm - 241mm
Upper/Lower Clamp Tubular Range	4.0" - 9.5"	101mm - 241mm
Range of Torque Motion	75°	
Minimum Tool Joint Height	21"	533mm
Positioner Reach	Up to 144"	Up to 3,650mm
Make-up Torque	85,000 ft.-lb.	115,260 Nm
Break-out Torque	100,000 ft.-lb.	135,582 Nm
Hydraulic Pressure	2,900 psi	200 bar
Hydraulic Flowrate	34 GPM	132 L/min
Weight without Positioner	~4,500 lbs.	~2,045 kg
Weight with Positioner	~9,500 lbs.	~4,300 kg

## weTORQ™ 100 CONFIGURATIONS

STANDARD	OPTION
Complete Wrench and Spinner	Wrench Only
Positioner	Hanging
Onboard Manual	Wireless/Remote Control



# HYDRAULIC POWER TONGS

MODEL NUMBER DESCRIPTION	MAX. TORQUE ft-lb (Nm)	PIPE OD SIZE RANGE Inches (mm)	ARM LENGTH Inches (mm)	MAX. FLOW RATE gpm (Lpm) PSI (bar)	GEAR SPEED (rpm) High: Full/Half Low: Full/Half	DIMENSIONS (Approx) L x W x H Inches (mm)	WEIGHT (Approx) lb. (kg)
CLE3500 Tong + Lockjaw BU (Compression)	6,500 (8,813)	Tong: 1.660 (42) - 3.500 (89) Backup: 1.660 (42) - 4.000 (102)	21.000 (533)	35 (132) 2,500 (172)	High: 52 / - Low: 26 / -	40.000 - 24.000 - 62.250 (1016 - 610 - 1581)	900 (408)
CLE3500 Tong + Lockjaw BU (Compression), Closed Center	6,500 (8,813)	Tong: 1.660 (42) - 3.500 (89) Backup: 1.660 (42) - 4.000 (102)	21.000 (533)	35 (132) 2,500 (172)	High: 52 / - Low: 26 / -	39.250 - 24.000 - 62.250 (997 - 610 - 1581)	900 (408)
CLE3500 Tong Only	6,500 (8,813)	Tong: 1.660 (42) - 3.500 (89) Backup: - - -	24.625 (625)	35 (132) 2,500 (172)	High: 52 / - Low: 26 / -	40.000 - 17.250 - 43.875 (1016 - 438 - 1114)	690 (313)
SL4500 Tong + Single Arm BU (Compression)	8,000 (10,847)	Tong: 1.900 (48) - 5.000 (127) Backup: 1.900 (48) - 5.000 (127)	18.000 (457)	60 (227) 2,500 (172)	High: 74 / - Low: 37 / -	43.000 - 28.625 - 57.000 (1092 - 727 - 1448)	1,030 (467)
SL4500 Tong + Single Arm BU (Compression), w Dump Valve	8,000 (10,847)	Tong: 1.900 (48) - 5.000 (127) Backup: 1.900 (48) - 5.000 (127)	18.000 (457)	60 (227) 2,500 (172)	High: 74 / - Low: 37 / -	43.000 - 28.625 - 53.000 (1092 - 727 - 1346)	1,030 (467)
CLES5500 Tong + 6.375" BU (Compression)	12,000 (16,270)	Tong: 2.063 (52) - 5.500 (140) Backup: 2.063 (52) - 6.375 (162)	29.000 (737)	35 (132) 2,500 (172)	High: 77 / - Low: 16 / -	59.625 - 30.250 - 63.250 (1514 - 768 - 1607)	1,850 (839)
CLES5500HT Tong + 6.250" Lockjaw BU (Compression)	17,000 (23,049)	Tong: 2.063 (52) - 5.500 (140) Backup: 2.063 (52) - 6.250 (159)	29.000 (737)	60 (227) 2,700 (186)	High: 88 / - Low: 18 / -	63.000 - 30.188 - 63.375 (1600 - 767 - 1610)	1,600 (726)
KT5500 Tong + Lift Section	18,700 (25,354)	Tong: 2.375 (60) - 5.500 (140) Backup: - - -	36.000 (914)	60 (227) 2,250 (155)	High: 77 / - Low: 15 / -	57.625 - 31.875 - 45.375 (1464 - 810 - 1153)	1,150 (522)
KT5500 Tong + Clincher 6.250" BU (Compression)	18,700 (25,354)	Tong: 2.375 (60) - 5.500 (140) Backup: 2.375 (60) - 6.250 (159)	32.000 (813)	60 (227) 2,250 (155)	High: 77 / - Low: 15 / -	57.313 - 37.000 - 72.625 (1456 - 940 - 1845)	2,200 (998)
KT5500 Tong + Clincher 6.250" BU (Compression), Closed Center	18,700 (25,354)	Tong: 2.375 (60) - 5.500 (140) Backup: 2.375 (60) - 6.250 (159)	32.000 (813)	60 (227) 2,250 (155)	High: 77 / - Low: 15 / -	57.688 - 37.000 - 72.625 (1465 - 940 - 1845)	2,200 (998)
KT5500 Tong + Cam Style 5.500" BU (Compression)	18,700 (25,354)	Tong: 2.375 (60) - 5.500 (140) Backup: 2.375 (60) - 5.500 (140)	32.000 (813)	60 (227) 2,250 (155)	High: 77 / - Low: 15 / -	57.625 - 31.875 - 72.500 (1464 - 810 - 1842)	1,750 (794)
CLE5500-15 Tong + 6.250" BU (Compression)	25,000 (33,895)	Tong: 2.375 (60) - 5.500 (140) Backup: 2.375 (60) - 6.250 (159)	28.000 (711)	40 (151) 2,750 (190)	High: 46 / - Low: 8 / -	58.875 - 38.625 - 65.000 (1495 - 981 - 1651)	2,830 (1,284)
CLE5500XHT Tong + 5.500" Lockjaw BU (Compression)	40,000 (54,233)	Tong: 2.375 (60) - 5.500 (140) Backup: 2.375 (60) - 6.250 (159)	28.000 (711)	40 (151) 3,000 (207)	High: 20 / 40 Low: 5 / 10	59.000 - 35.938 - 74.500 (1499 - 913 - 1892)	3,360 (1,524)
CLE7625UHT Tong + 8.625" BU (Compression)	30,000 (40,675)	Tong: 2.375 (60) - 7.625 (194) Backup: 2.375 (60) - 8.625 (219)	32.000 (813)	60 (227) 2,700 (186)	High: 65 / - Low: 9 / -	66.000 - 37.000 - 68.000 (1676 - 940 - 1727)	3,060 (1,388)
CLE7625UHT Tong + 8.625" BU (Tension) + ChromeMaster	30,000 (40,675)	Tong: 2.375 (60) - 7.625 (194) Backup: 2.375 (60) - 8.625 (219)	32.000 (813)	60 (227) 2,700 (186)	High: 65 / - Low: 9 / -	68.125 - 37.000 - 67.625 (1730 - 940 - 1718)	3,470 (1,574)
CLJ7625 LockJaw Tong + 7.625" LockJaw BU (Compression)	30,000 (40,675)	Tong: 2.375 (60) - 7.625 (194) Backup: 2.375 (60) - 7.625 (194)	36.000 (914)	35 (132) 2,700 (186)	High: 38 / - Low: 5 / -	81.563 - 40.438 - 72.625 (2072 - 1027 - 1845)	4,040 (1,833)
KT8625 Tong Only	25,000 (33,895)	Tong: 2.375 (60) - 8.625 (219) Backup: - - -	36.000 (914)	60 (227) 2,300 (159)	High: 55 / - Low: 11 / -	62.625 - 35.250 - 50.625 (1591 - 895 - 1286)	1,500 (680)
KT8625 Tong + Clincher 7.625" BU (Tension)	25,000 (33,895)	Tong: 2.375 (60) - 8.625 (219) Backup: 2.375 (60) - 7.625 (194)	32.000 (813)	60 (227) 2,300 (159)	High: 55 / - Low: 11 / -	61.938 - 37.750 - 76.688 (1573 - 959 - 1948)	2,700 (1,225)
KT8625 Tong + Clincher 8.625" BU (Compression)	25,000 (33,895)	Tong: 2.375 (60) - 8.625 (219) Backup: 2.375 (60) - 8.625 (219)	36.000 (914)	60 (227) 2,300 (159)	High: 55 / - Low: 11 / -	65.063 - 38.188 - 76.688 (1653 - 970 - 1948)	2,700 (1,225)
KT8625 Tong + Clincher 7.625" BU (Tension) + 7.625" Chromemaster	25,000 (33,895)	Tong: 2.375 (60) - 8.625 (219) Backup: 2.375 (60) - 7.625 (194)	32.000 (813)	60 (227) 2,300 (159)	High: 55 / - Low: 11 / -	61.938 - 38.188 - 76.688 (1573 - 970 - 1948)	3,300 (1,497)
CLE8625DP Tong + 8.625" LockJaw BU (Compression)	85,000 (115,245)	Tong: 3.125 (79) - 8.625 (219) Backup: 2.875 (73) - 8.625 (219)	36.000 (914)	60 (227) 2,500 (172)	High: 16 / 33 Low: 3 / 6	73.375 - 41.000 - 77.438 (1864 - 1041 - 1967)	4,500 (2,041)
HD9625 Tong + Lift Section + Two Speed Motor	22,000 (29,828)	Tong: 3.000 (76) - 9.625 (244) Backup: - - -	31.000 (787)	60 (227) 2,410 (166)	High: 66 / 132 Low: 13 / 26	59.625 - 35.000 - 48.250 (1514 - 889 - 1226)	1,300 (590)
KT13625-35 Tong Only	35,000 (47,454)	Tong: 5.000 (127) - 13.625 (346) Backup: - - -	36.000 (914)	60 (227) 2,500 (172)	High: 46 / - Low: 9 / -	63.313 - 40.375 - 52.625 (1608 - 1026 - 1337)	1,600 (726)
KT13625-35 Tong + Lift Section	35,000 (47,454)	Tong: 5.000 (127) - 13.625 (346) Backup: - - -	36.000 (914)	60 (227) 2,500 (172)	High: 46 / - Low: 9 / -	59.313 - 40.375 - 52.625 (1507 - 1026 - 1337)	1,600 (726)
KT13625-35 Tong + Lift Section + Remote Door	35,000 (47,454)	Tong: 5.000 (127) - 13.625 (346) Backup: - - -	36.000 (914)	60 (227) 2,500 (172)	High: 46 / - Low: 9 / -	67.563 - 40.563 - 52.625 (1716 - 1030 - 1337)	1,600 (726)
KT13625-35 Tong + Cam Style BU (Compression)	35,000 (47,454)	Tong: 5.000 (127) - 13.625 (346) Backup: 5.000 (127) - 13.625 (346)	32.000 (813)	60 (227) 2,500 (172)	High: 46 / - Low: 9 / -	63.313 - 40.438 - 76.875 (1608 - 1027 - 1953)	2,450 (1,111)
CLE14000 Tong Only	50,000 (67,791)	Tong: 7.000 (178) - 14.000 (356) Backup: - - -	40.000 (1,016)	60 (227) 2,500 (172)	High: 29 / - Low: 4 / -	73.500 - 37.500 - 48.000 (1867 - 953 - 1219)	2,220 (1,007)
CLE14000 Tong + 15.000" Lockjaw BU (Compression)	50,000 (67,791)	Tong: 7.000 (178) - 14.000 (356) Backup: 7.000 (178) - 15.000 (381)	44.000 (1,118)	60 (227) 2,500 (172)	High: 29 / - Low: 4 / -	81.000 - 49.625 - 73.125 (2057 - 1260 - 1857)	4,280 (1,941)
KT14-75K Tong + Lift Section	75,000 (101,686)	Tong: 4.500 (114) - 14.375 (365) Backup: - - -	45.000 (1,143)	60 (227) 2,450 (169)	High: 24 / - Low: 4 / -	84.813 - 43.313 - 62.625 (2154 - 1100 - 1591)	3,300 (1,497)
KT14-75K Tong + Lift Section + Closed Center	75,000 (101,686)	Tong: 4.500 (114) - 14.375 (365) Backup: - - -	45.000 (1,143)	60 (227) 2,450 (169)	High: 24 / - Low: 4 / -	84.875 - 43.125 - 62.625 (2156 - 1095 - 1591)	3,300 (1,497)
KT14-75K Tong + Lock Jaw BU (Compression)	75,000 (101,686)	Tong: 4.500 (114) - 14.375 (365) Backup: 4.500 (114) - 15.000 (381)	39.000 (991)	60 (227) 2,450 (169)	High: 24 / - Low: 4 / -	84.813 - 49.000 - 99.000 (2154 - 1245 - 2515)	5,850 (2,654)

# HYDRAULIC POWER TONGS

MODEL NUMBER DESCRIPTION	MAX. TORQUE ft-lb (Nm)	PIPE OD SIZE RANGE Inches (mm)	ARM LENGTH Inches (mm)	MAX. FLOW RATE gpm (Lpm) PSI (bar)	GEAR SPEED (rpm) High: Full/Half Low: Full/Half	DIMENSIONS (Approx) L x W x H Inches (mm)	WEIGHT (Approx) lb. (kg)
CLE14000DP Tong + 15.000" Lockjaw BU (Compression)	100,000 (135,582)	Tong: 7.000 (178) - 14.000 (356) Backup: 7.000 (178) - 15.000 (381)	38.800 (986)	60 (227) 2,700 (186)	High: 14 / - Low: 3 / -	88.125 - 49.000 - 84.563 (2238 - 1245 - 2148)	6,800 (3,084)
CLE14000DP Tong + 15.000" Lockjaw BU (Compression)	100,000 (135,582)	Tong: 7.000 (178) - 14.000 (356) Backup: 7.000 (178) - 15.000 (381)	38.800 (986)	60 (227) 2,700 (186)	High: 14 / 27.5 Low: 2.5 / 5	88.625 - 49.000 - 82.000 (2251 - 1245 - 2083)	6,840 (3,103)
CLE14000DP Tong (Remote)+ 15.000" Lockjaw BU (Compression)	100,000 (135,582)	Tong: 7.000 (178) - 14.000 (356) Backup: 7.000 (178) - 15.000 (381)	38.800 (986)	60 (227) 2,700 (186)	High: 14 / 27.5 Low: 2.5 / 5	87.250 - 46.750 - 84.563 (2216 - 1187 - 2148)	6,890 (3,125)
KT20000 Tong + Lift Section	50,000 (67,791)	Tong: 7.000 (178) - 20.000 (508) Backup: - - -	52.000 (1,321)	60 (227) 2,500 (172)	High: 51 / - Low: 8 / -	89.625 - 52.875 - 55.813 (2276 - 1343 - 1418)	3,400 (1,542)
KT20000 Tong + Lock Jaw BU (Tension)	50,000 (67,791)	Tong: 7.000 (178) - 20.000 (508) Backup: 8.625 (219) - 21.000 (533)	55.000 (1,397)	60 (227) 2,500 (172)	High: 51 / - Low: 8 / -	96.500 - 60.000 - 101.188 (2451 - 1524 - 2570)	7,335 (3,327)
CLE22000XHT Tong + 23.000" Lockjaw BU (Tension)	150,000 (203,373)	Tong: 10.750 (273) - 22.000 (559) Backup: 10.750 (273) - 23.000 (584)	54.000 (1,372)	60 (227) 2,700 (186)	High: 5.6 / 11.2 Low: 1.8 / 3.6	111.125 - 67.500 - 94.125 (2823 - 1715 - 2391)	12,600 (5,715)
CLE22000XHT Tong + 23.000" Lockjaw BU (Tension)	150,000 (203,373)	Tong: 10.750 (273) - 22.000 (559) Backup: 10.750 (273) - 23.000 (584)	54.000 (1,372)	60 (227) 2,700 (186)	High: 5.6 / 11.2 Low: 1.8 / 3.6	114.750 - 67.500 - 94.000 (2915 - 1715 - 2388)	12,710 (5,765)
HD26000 Tong + Lift Section	60,000 (81,349)	Tong: 9.625 (244) - 26.000 (660) Backup: - - -	55.000 (1,397)	60 (227) 2,000 (138)	High: 27.7 / - Low: 4.2 / -	94.563 - 59.188 - 60.313 (2402 - 1503 - 1532)	3,900 (1,769)
HD26000 Tong + Lift Section + Closed Center	60,000 (81,349)	Tong: 9.625 (244) - 26.000 (660) Backup: - - -	55.000 (1,397)	60 (227) 2,000 (138)	High: 27.7 / - Low: 4.2 / -	94.563 - 59.125 - 60.313 (2402 - 1502 - 1532)	3,900 (1,769)
HD31000 Tong + Lift Section	80,000 (108,465)	Tong: 13.625 (346) - 30.000 (762) Backup: - - -	66.000 (1,676)	60 (227) 3,400 (234)	High: 6.2 / - Low: 12.4 / -	117.688 - 73.125 - 85.063 (2989 - 1857 - 2161)	6,800 (3,084)

This chart is the standard tong and tong with backup models offered by McCoy Global. If any of the above do not meet your requirements, please contact a sales person to discuss which of our additional models not listed above will best suit your needs.

## CHROMEMASTER

**CHROMEMASTER™** is an accessory that converts any power tong into a tong capable of running CRA tubulars using non-marking aluminum or **GRITFACE®** wraparound dies. **CHROMEMASTER™** features 3 or 4 jaws which center and securely grip the pipe using high forces required for high torque applications while supporting the tubulars to guard against defamation. All **CHROMEMASTER™** models feature an automatically locking door system and a manually operated pressure intensifier system. Operators can easily regulate clamping pressures to allow non-marking makeup of thin walled, low strength or expandable tubular goods.



## DIES & INSERTS

McCoy Global manufactures all of the common dies and inserts used around the world. We keep a large inventory to supply customer's needs 24/7/365. McCoy Global is also the largest supplier of **GRITFACE®** dies and inserts for use on CRA tubulars where minimal marking is required. The **GRITFACE®** coating allows you to use your standard handling tools with CRA strings because the coating prevents contamination and marking.

Over 155 **GRITFACE®** inserts are available for almost every handling tool and safety clamp, eliminating the need for specially adapted equipment and increasing the utilization of your handling tool inventory. In the field, our dies and inserts reduce operator fatigue and keep operators safe because they aren't reaching into the tools at each connection. **GRITFACE®** wraparound dies are available for our power tongs and backups in low to high torque applications. These dies enhance die torque capabilities for CRA tubulars without leaving the tooth marks normally seen with conventional steel dies.



## RENTAL OPTIONS

McCoy Global is offering our Customers access to a fleet of rental equipment through each of our 6 global manufacturing and service facilities. As an OEM, we can provide Customers with the latest model of our equipment for varying periods of time to assist with job completion. We continually strive to exceed those high expectations with our equipment offerings, rentals and after-market service and support.

### BENEFITS OF RENTING FROM MCCOY GLOBAL

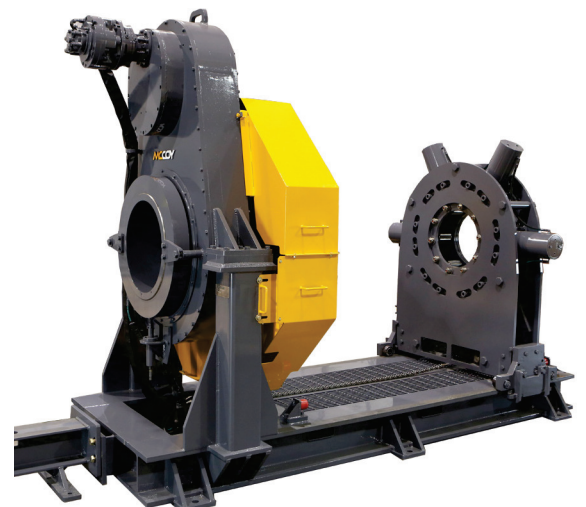
- Reduces down time by allowing customer to keep working when equipment is out of service.
- Provides customer with specialized equipment for short term periods.
- Allows access to the right equipment for the job.
- Minimizes operational and maintenance issues by eliminating need for maintenance, repair, replacement and disposal.
- Benefits the customer financially through efficient use of capital.

# BUCKING & MAKE/BREAK UNITS

MODEL NUMBER	MAX. TORQUE ft lb (Nm)	SIZE RANGE Inches (mm)	HANDLE LENGTH Inches (mm)	NUMBER OF DRIVE SPEEDS	DIMENSIONS (Approx) L x W x H Inches (mm)	WEIGHT (Approx)** lb. (kg)
<b>CONTINUOUS BUCKING UNITS - SHORT STROKE</b>						
CLEBU1175MSS-35 Bed Length: 6 Feet, 10 Feet, Custom	35,000 (47,453)	2.063 - 11.750 (52 - 298)	24.000 (610)	2	121.000 - 69.500 - 63.750 (3,073 - 1,765 - 1,619)	13,393 (4,455)
CLEBU1175MSS-50 Bed Length: 6 Feet, 10 Feet, Custom	50,000 (67,790)	2.063 - 11.750 (52 - 298)	24.000 (610)	2	121.000 - 69.500 - 63.750 (3,073 - 1,765 - 1,619)	13,393 (4,455)
CLEBU1500-30 Bed Length: 10 Feet, Custom	50,000 (67,790)	2.063 - 15.000 (52 - 381)	35.000 (889)	2	126.500 - 73.000 - 73.500 (3,213 - 1,854 - 1,867)	13,800 (6,273)
CLEBU1500-32 Bed Length: 10 Feet, Custom	100,000 (135,581)	2.063 - 15.000 (52 - 381)	35.000 (889)	3	126.500 - 73.000 - 73.500 (3,213 - 1,854 - 1,867)	13,800 (6,273)
CLEBU2300-31 Bed Length: 10 Feet, Custom	100,000 (135,581)	2.375 - 23.000 (60 - 584)	41.000 (1,041)	3	126.500 - 85.500 - 81.375 (3,213 - 2,172 - 2,066)	18,000 (8,182)
<b>CONTINUOUS BUCKING UNITS - LONG STROKE</b>						
RP2109 Bed Length: 10 Feet, Custom	10,000 (13,558)	1.660 - 9.000 (42 - 229)	13.000 (330)	1	153.000 - 58.000 - 71.500 (3,886 - 1,473 - 1,816)	4,000 (1,814)
RP6012 Bed Length: 6 feet, 12 Feet, 20 Feet, Custom	50,000 (67,790)	2.375 - 12.250 (60 - 311)	24.000 (610)	2	247.500 - 59.500 - 95.750 (6,286.5 - 1,511 - 2,432)	12,700 (5,761)
RP6016-01 Bed Length: 6 feet, 12 feet, 20 Feet, Custom	50,000 (67,790)	2.375 - 16.000 (60 - 406)	24.000 (610)	2	154.500 - 63.500 - 95.750 (3,924 - 1,613 - 2,432)	10,645 (4,828)
RP6512 Bed Length: 6 feet, 12 feet, 20 Feet, Custom	35,000 (47,453)	2.375 - 12.250 (60 - 311)	24.000 (610)	2	149.000 - 57.500 - 90.000 (3,785 - 1,460.5 - 2,286)	8,000 (3,629)
RP7012 Bed Length: 12 Feet, 20 Feet, Custom	105,000 (142,360)	3.500 - 12.250* (89 - 311)	30.000 (762)	2	191.250 - 72.250 - 105.500 (4,858 - 1,835 - 2,680)	18,000 (8,165)
RP7018 Bed Length: 12 Feet, 20 Feet, Custom	105,000 (142,630)	3.500 - 17.400* (89 - 442)	36.000 (914)	2	155.250 - 75.250 - 111.500 (3,943 - 1,911 - 2,832)	18,100 (8,210)
RP7022 Bed Length: 12 Feet, 20 Feet, Custom	105,000 (142,360)	7.000 - 21.500*** (178 - 546)	36.000 (914)	2	153.000 - 70.000 - 99.000 (3,886 - 1,778 - 2,515)	18,000 (8,165)
<b>MAKE/BREAK UNITS</b>						
RP3014 Bed Length: 10 feet, 20 feet, custom	Make Break 160,000; 190,000 (216,930; 257,605)	3.500 - 13.500* (89 - 343)	21.500 (546)	N/A	158.000 - 57.500 - 69.500 (4,013 - 1,460.5 - 1,765)	7,300 (3,311)
RP3514 Bed Length: 10 Feet, 20 Feet, Custom	Make Break 160,000; 190,000 (216,930; 257,605)	Head stock 3.500 - 13.500* (89 - 343) Tail stock 3.500 - 17.500* (89 - 444.5)	21.500 (546)	N/A	206.000 - 59.000 - 71.500 (5,232 - 1,499 - 1,816)	9,200 (4,173)
RP4009 Bed Length: 10 Feet, 20 Feet, Custom	Make Break 50,000; 70,000 (67,790; 94,907)	2.500 - 8.500 (63.5 - 216)	24.000 (610)	N/A	158.000 - 46.500 - 71.000 (4,013 - 1,181 - 1,803)	7,350 (3,334)

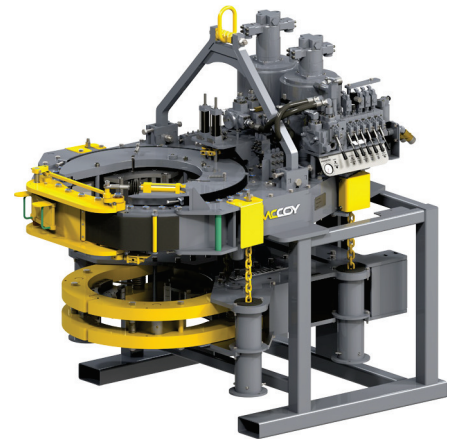
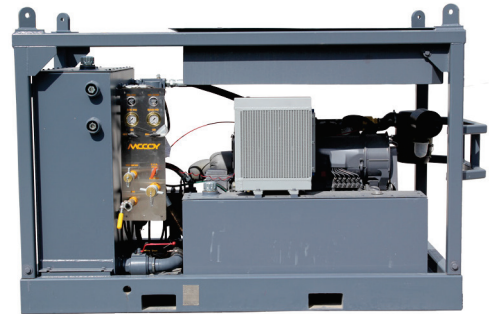
\*Requires 1" (25.4mm) reducer dies to go below 3.50" (88.9mm)  
 \*\* Weights are approximate and can vary depending on bed length and accessories  
 \*\*\* 3-1/2" to 16" (88.9mm to 406.4mm) with extended die holders.

**MCCOY GLOBAL OFFERS FIELD AND IN-HOUSE CALIBRATION AND REPAIR SERVICES FOR ALL MAKES AND MODELS OF BUCKING UNITS.**



# HYDRAULIC POWER UNITS

MODEL NUMBER	HP	MAX. FLOW RATE gpm/Lpm (PSI/bar)	COOLER/ HEATER	STARTER	OPEN/ CLOSED	PUMP
<b>DIESEL POWER UNITS</b>						
DPU440-04	73	60/227 (3,000/207)	COOLER	ELECTRIC	OPEN	VARIABLE DISPLACEMENT
DPU440-05	73	40/151 (3,000/207)	NEITHER	AIR	OPEN	2 STAGE GEAR PUMP
DPU440-06	73	40/151 (3,000/207)	NEITHER	ELECTRIC	OPEN	2 STAGE GEAR PUMP
DPU440-09	73	40/151 (3,000/207)	COOLER	ELECTRIC	OPEN	2 STAGE GEAR PUMP
DPU440-11	73	40/151 (3,000/207)	COOLER	AIR	OPEN	2 STAGE GEAR PUMP
DPU444-03 - ZONE 2	73	60/227 (3,000/207)	HEATER	AIR	OPEN	2 STAGE GEAR PUMP
DPU444-04 - ZONE 2	73	60/227 (3,000/207)	NEITHER	AIR	OPEN	2 STAGE GEAR PUMP
DPU660-05	114	60/227 (3,000/207)	NEITHER	AIR	OPEN	2 STAGE GEAR PUMP
DPU660-09	114	60/227 (3,000/207)	COOLER	ELECTRIC	OPEN	2 STAGE GEAR PUMP
DPU660-10	114	60/227 (3,000/207)	NEITHER	ELECTRIC	OPEN	2 STAGE GEAR PUMP
DPU660-11	114	60/227 (3,000/207)	COOLER	AIR	OPEN	2 STAGE GEAR PUMP
DPU660-13	114	60/227 (3,000/207)	COOLER	AIR	OPEN	2 STAGE GEAR PUMP
<b>ELECTRIC POWER UNITS - HYDRAULIC POWER TONGS</b>						
PU2500E24	75	60/227 (3,000/207)	COOLER	ELECTRIC	OPEN	2 STAGE GEAR PUMP
PU2500E24-1	75	60/227 (3,000/207)	COOLER	ELECTRIC	CLOSED	VARIABLE DISPLACEMENT
PU2500E24-2	75	60/227 (3,000/207)	COOLER	ELECTRIC	OPEN	2 STAGE GEAR PUMP
PU2500E24-10	75	60/227 (3,000/207)	BOTH	ELECTRIC	OPEN	2 STAGE GEAR PUMP
PU2500E24-11	75	60/227 (3,000/207)	COOLER	ELECTRIC	OPEN	2 STAGE GEAR PUMP
<b>ELECTRIC POWER UNITS - BUCKING UNITS</b>						
PU5060	50	60/227 (3,000/207)	NEITHER	ELECTRIC	CLOSED	VARIABLE DISPLACEMENT
PU5060-01	50	60/227 (3,000/207)	COOLER	ELECTRIC	CLOSED	VARIABLE DISPLACEMENT
PU7560	75	60/227 (3,000/207)	NEITHER	ELECTRIC	CLOSED	VARIABLE DISPLACEMENT
PU7560-01	75	60/227 (3,000/207)	COOLER	ELECTRIC	CLOSED	VARIABLE DISPLACEMENT



## SERVICES



At McCoy Global, we understand the importance of equipment performance in the field.

**Dependable, quality equipment is the essential element in customers' ability to do their job.** We continually strive to exceed those high expectations with our equipment offerings, rentals and after-market service and support. Our service and support team consists of professional, experienced, competent personnel with the objective to *"provide our valued Customers with the best in class service and solutions."*

We now have six service/support facilities in five countries across the globe, putting us closer than ever before to our Customers.

We are committed to supporting our Customers before, during and after a sale, wherever in the world they happen to be.

### SCOPE OF SERVICE/SUPPORT HUBS

#### TECHNICAL SUPPORT:

- Training - equipment maintenance
- Training - equipment operation
- Tailored preventative maintenance program
- Equipment condition and refurbishment surveys
- Equipment commissioning

#### MAINTENANCE:

- Periodic service visits
- Calibration services
- Unscheduled equipment repairs
- Equipment modifications

#### EQUIPMENT/PARTS:

- Support geographic equipment sales
- Short and long term rental arrangements
- Parts distribution support
- Spare Parts, Dies and Inserts support

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