



PRODUCT CATALOG

WPI WELLKIN Inc. • 8401 Industrial Dr. • Pearland, TX 77584

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About Us

WPI WELLKIN INC. is a Pearland, TX based corporation founded to supply oilfield equipment. We meet customers' demands utilizing our experienced oilfield personnel, in house engineering capabilities and commitment to service. With close proximity to the Port of Houston, we serve both the domestic and international markets.

Our product line consists of tubing and sucker rod tongs, spiders, hydraulic power units, bug blowers, waste compactors and rig floor handling tools. We also offer design, testing, project management, rig-up, retrofit and commissioning services. Through our associate companies, we provide everything from daily consumables and spares to fully equipped rig packages.



Warranties

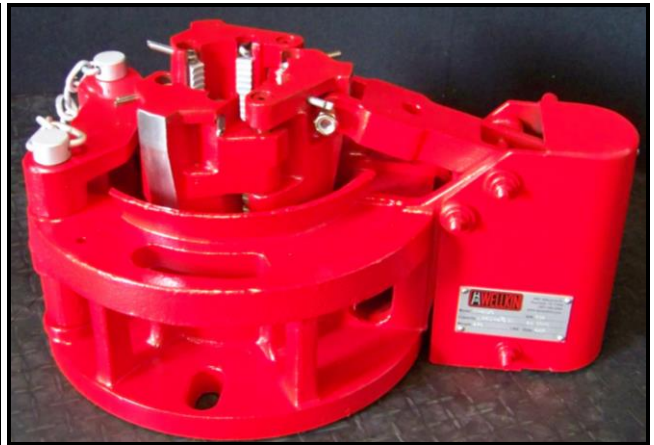
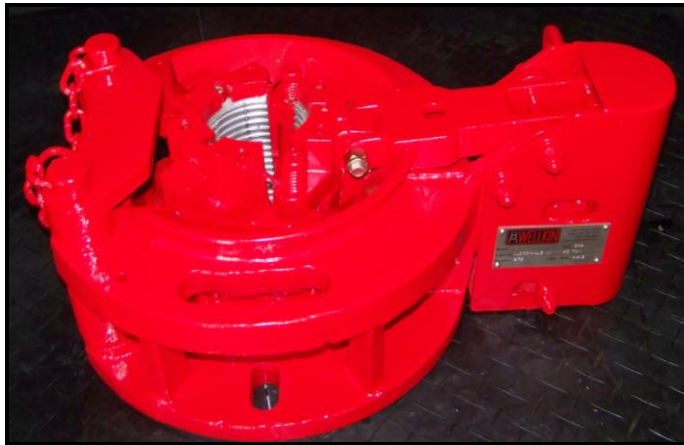
MANUFACTURED ITEMS: WPI WELLKIN manufactured items must be free of material and workmanship defects for a period of 6 months from the date of delivery. If any items fail because of a manufacturing defect within that period of time, then that item will be replaced by WPI WELLKIN. Expendable / wear items are not covered under warranty. Examples of such items include, but are not limited to, the following - dies, inserts, brake bands, rollers, gears, chains, filters, belts, flexible couplings, slip bodies, spider bowls. Replacement of parts will be accomplished at WPI WELLKIN's facility or at a designated service point. WPI WELLKIN's liability is limited to replacement of defective parts only and does not include the cost of labor, communications, transportation or handling connected to the replacement of these parts. WPI WELLKIN will in no event be liable for consequential damages or contingent liabilities arising out of the failure of any parts to operate properly. No expressed, implied or statutory guarantee other than herein set forth is made or authorized to be made by WPI WELLKIN.

DISTRIBUTED ITEMS: Items distributed by WPI WELLKIN are subject to the warranty provided by the Original Equipment Manufacturer (OEM). Upon request, WPI WELLKIN will furnish Buyer with a warranty statement from the OEM for the applicable material. The OEM warranty will start on the items' delivery date.



Tools

Model G / T-60 Tubing Spider

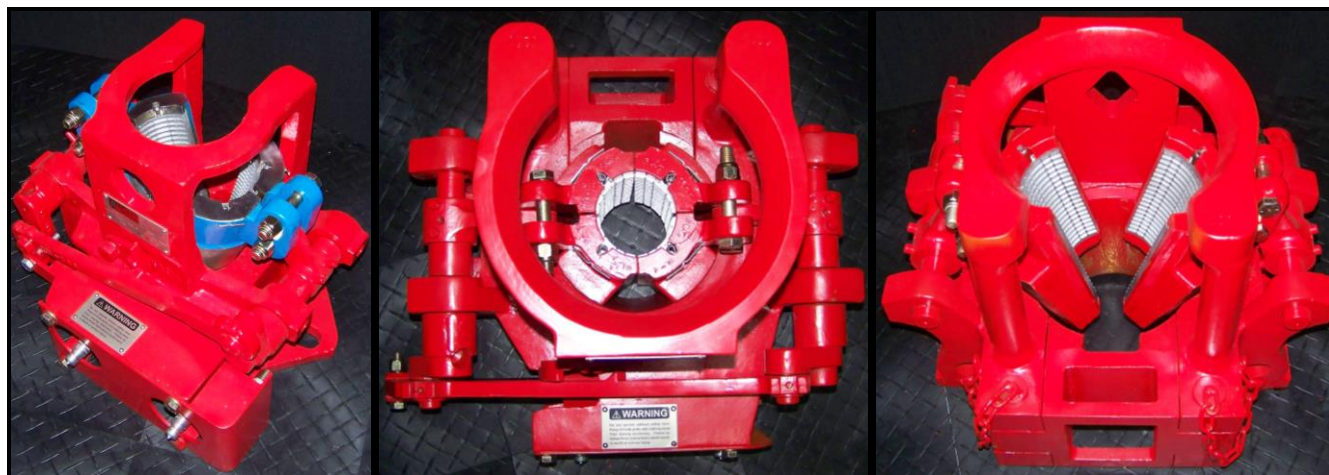


Specifications:

Model	G	T-60	Weight lbs (kg)
Capacity	120000 lbs (54431 kg)		lbs (kg)
Tubing Spider Assembly	61000-100 (without slip) N/A N/A	50684 (without slip) 67580 (with 2-7/8" slip) 62458 (with 3-1/2" slip)	155 (70) 190 (86) 191 (87)
Slip Body Assembly, 2-7/8" Nominal	N/A	62461	35 (15.9)
Slip Insert Set, 2-7/8" Nominal			
1.050" (26.7 mm) Tubing	N/A	62473	17 (7.71)
1.315" (33.4 mm) Tubing	N/A	62474	14 (6.35)
1.660" (42.1 mm) Tubing	N/A	62475	12 (5.44)
1.900" (48.2 mm) Tubing	N/A	62476	11 (5.00)
2.060" (52.3 mm) Tubing	N/A	62478	10 (4.54)
2-3/8" (60.3 mm) Tubing	N/A	42586-18	9 (4.08)
2-7/8" (73.0 mm) Tubing	N/A	42587-18	7 (3.18)
Slip Body Assembly, 3-1/2" Nominal	61003-100	62462	36 (16.3)
Slip Insert Set, 3-1/2" Nominal			
1.315" (33.4 mm) Tubing	61041-102	N/A	21 (9.53)
1.660" (42.1 mm) Tubing	61041-103	N/A	17 (7.71)
1.900" (48.2 mm) Tubing	61041-104	N/A	16 (7.26)
2.060" (52.3 mm) Tubing	61041-105	N/A	14 (6.35)
2-3/8" (60.3 mm) Tubing	61006-101	N/A	12 (5.44)
2-7/8" (73.0 mm) Tubing	61006-102	N/A	11 (5.00)
3-1/2" (88.9 mm) Tubing	61006-103	42588-18	9 (4.08)
Slip Body Assembly, 4" Nominal	N/A	49933 (INTEGRAL)	50 (22.7)
Slip Body Assembly, 4-1/2" Nominal	61039-100	34989 (INTEGRAL)	45 (20.4)
Slip Insert Set, 4-1/2" Nominal			
3-1/2" (88.9 mm) Tubing	61040-101	N/A	24 (10.89)
4" (101.6 mm) Tubing	61040-102	N/A	18 (8.16)
4-1/2" (114.3 mm) Tubing	61040-103	N/A	9 (4.08)



Model B / C / CHD Tubing Spider



Specifications:

Model	B	C	CHD	Weight
Capacity	110000 lbs (49895 kg)	165000 lbs (74843 kg)	250000 lbs (113398 kg)	lbs (kg)
Spider Assembly without Slips				B: 225 (102) C: 375 (170) CHD: 425 (193)
Pneumatic	60000-100	65000-100	65000HD-100	
Hydraulic	60000H-100	65000H-100	65000HDH-100	
Slip Body, 3-1/2", Side Load	60622-100	65622-100 (TC600-FCR-2)		B: 35 (15.9)
Slip Body, 3-1/2", Top Load	N/A	65622TL-100		C/CHD: 55 (25)
Note: The insert sets below apply to all tubing spider models.				
Slip Insert Set, 3-1/2" Nominal				
1.315" (33.4 mm) Tubing	65652-1.315 (TC651-3.500X1.315 / 34-231)			23 (10.4)
1.660" (42.1 mm) Tubing	65652-1.660 (TC651-3.500X1.660 / 34-230)			22 (10.0)
1.900" (48.2 mm) Tubing	65652-1.900 (TC651-3.500X1.900 / 34-229)			21 (9.5)
2.060" (52.3 mm) Tubing	65652-2.060 (TC651-3.500X2.060 / 34-228 / 90-04)			20 (9.1)
2-3/8" (60.3 mm) Tubing	65652-1 (TC651-3.500X2.375 / 34-207 / 90-03)			19 (8.6)
2-7/8" (73.0 mm) Tubing	65652-2 (TC651-3.500X2.875 / 34-206 / 90-02)			15 (6.8)
3-1/8" (79.3 mm) Tubing	65652-3.125 (TC651-3.500X3.125)			13 (5.9)
3-1/2" (88.9 mm) Tubing	65652-3 (TC650-3.500 / 34-205 / 90-01)			10 (4.5)
2-3/8" (60.3 mm) Tubing	CDI-9063ST (Top Load)			19 (8.6)
2-7/8" (73.0 mm) Tubing	CDI-9062ST (Top Load)			15 (6.8)
3-1/2" (88.9 mm) Tubing	CDI-9061ST (Top Load)			10 (4.5)
Note: The parts below do not apply to the Model B tubing spider.				
Slip Body, 4-1/2", Side Load	65623-100 (TC600-FCR-3)			50 (22.7)
Slip Insert Set, 4-1/2" Nominal				
3-1/2" (88.9 mm) Tubing	65653-1 (TC651-4.500X3.500 / 34-211 / 90-42)			23 (10.4)
4" (101.6 mm) Tubing	65653-2 (TC651-4.500X4.000 / 34-210 / 90-41)			18 (8.2)
4-1/2" (114.3 mm) Tubing	65653-3 (TC650-4.500 / 34-209 / 90-40)			13 (5.9)

Note: Specify Standard Tooth, Straight Tooth or Non-Marking when requesting insert sets.



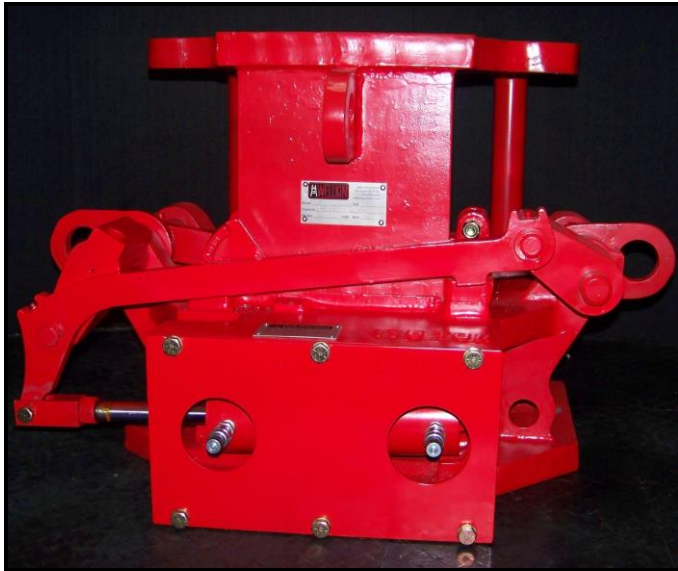
		Weight lbs (kg)
Integral Slip Body		
4-3/4" (120.7 mm) Tubing	65624-4.75 (TC150-R-4.750)	55 (25)
5" (127.0 mm) Tubing	65624-1 (TC150-R-5.000)	50 (22.7)
5-1/2" (139.7 mm) Tubing	65624-2 (TC150-R-5.500)	45 (20.4)

Model B / C / CHD Tubing Spider Common Spare Parts

Part Number	Cross Reference	Description
60103	TB103	Model B Link Assembly
60104	TB104	Model B Left Hand Crank Shaft
60105	TB105	Model B Right Hand Crank Shaft
60106	TB106	Model B Lift Arm
65103	TC103	Model C Link Assembly
65104	TC104	Model C Left Hand Crank Shaft
65105	TC105	Model C Right Hand Crank Shaft
65106	TC106	Model C Lift Arm
65107	TB107	Yoke
992073-04	TB123	Grease Fitting
992005-09	TB110	Hex Head Cap Screw
992005-07	TB111	Hex Head Cap Screw
992089-09	TB112	Hex Nut
992005-01	TB113	Hex Head Cap Screw
992164-17	TB114	Nut for Gate
992008-23	TB115	Bolt for Gate
65116	TB116	Bolt
992089-13	TB117	Lock Nut
992075-144	TB118	Lift Arm Set Screw
992161-06	TB119	Lift Arm Taper Pin
65122	TB122	Shaft Retaining Clip
60124	TB124	Model B Crank Shaft Bushing
60125	TB125	Model B Link Bushing
60126	TB126	Model B Spacer
65124	TC124	Model C Crank Shaft Bushing
65126	TC126	Model C Spacer
65135	TB135	Safety Latch
65136	TB136	Safety Bolt
65140	TB140-1-N	Pneumatic Cylinder
65140K	TB140-R	Pneumatic Cylinder Repair Kit
992107-15	TB148	Jam Nut
65601	TC601	Retainer Pin
992012-44	TC602-S	Cotter Pin



Model E Tubing and Casing Spider



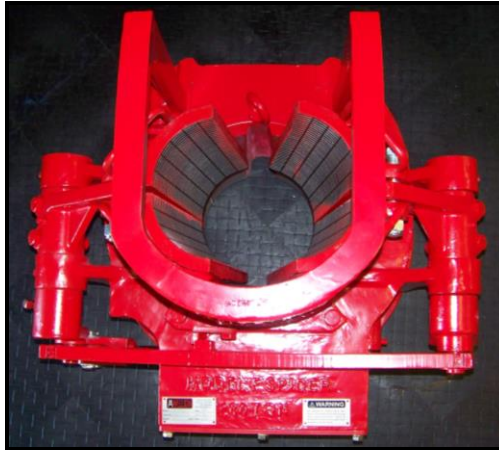
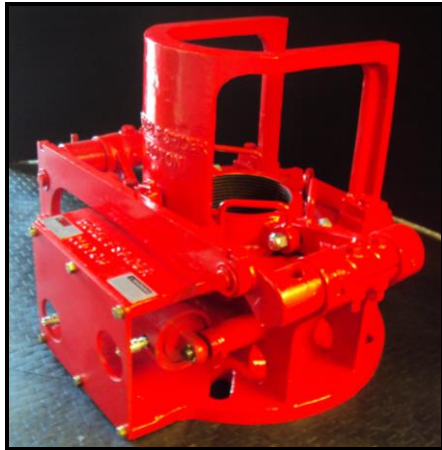
Specifications:

Model	E	Weight lbs (kg)
Capacity	350000 lbs (158757 kg)	
Tubing Spider Assembly without Slips		
Pneumatic	66000-100	860 (390)
Hydraulic	66000H-100	
Slip Body Assembly, 3-1/2" Nominal	66621-100	105 (47.6)
Slip Insert Set, 3-1/2" Nominal		
2-3/8" (60.3 mm) Tubing	66651-1	19 (8.6)
2-7/8" (73.0 mm) Tubing	66651-2	18 (8.2)
3-1/2" (88.9 mm) Tubing	66651-3	12 (5.4)
Slip Body Assembly, 5-1/2" Nominal	66623-100	93 (42.2)
Slip Insert Set, 5-1/2" Nominal		
4" (101.6 mm) Tubing	66653-1	39 (17.7)
4-1/2" (114.3 mm) Tubing	66653-2	33 (15.0)
5" (127.0 mm) Tubing	66653-3	26 (11.8)
5-1/2" (139.7 mm) Tubing	66653-4	18 (8.2)
Slip Body Assembly, 7" Nominal	66624-100	80 (36.3)
Slip Insert Set, 7" Nominal		
5-1/2" (139.7 mm) Tubing	66654-1	51 (23.1)
6-5/8" (168.3 mm) Tubing	66654-2	32 (14.5)
7" (177.8 mm) Tubing	66654-3	23 (10.4)
Slip Body, Integral Teeth, 7-5/8" (193.7 mm) Tubing	66625-100	85 (38.6)

Note: Specify Standard Tooth, Straight Tooth or Non-Marking when requesting insert sets.



Model F Tubing and Casing Spider



Specifications:

Model	F	Weight - lbs (kg)
Capacity	400000 lbs (181437 kg)	
Tubing Spider Assembly without Slips		
Pneumatic	TF100-S-100	1150 (522)
Hydraulic	TF100H-S-100	1150 (522)
Slip Body Assembly, 3-1/2" Nominal	TF600-FCR-3.500	130 (59)
Slip Insert Set, 3-1/2" Nominal		
2-3/8" (60.3 mm) Tubing	TF651-3.500X2.375 (92-03)	41 (18.6)
2-7/8" (73.0 mm) Tubing	TF651-3.500X2.875 (92-02)	35 (15.9)
3-1/2" (88.9 mm) Tubing	TF650-3.500 (92-01)	26 (11.8)
Slip Body Assembly, 5-1/2" Nominal	TF600-FCR-5.500	135 (61)
Slip Insert Set, 5-1/2" Nominal		
4" (101.6 mm) Tubing	TF651-5.500X4.000 (92-14)	72 (32.7)
4-1/2" (114.3 mm) Tubing	TF651-5.500X4.500 (92-13)	63 (28.6)
5" (127.0 mm) Tubing	TF651-5.500X5.000 (92-12)	53 (24.0)
5-1/2" (139.7 mm) Tubing	TF650-5.500 (92-11)	40 (18.1)
Slip Body Assembly, 7-5/8" Nominal	TF600-FCR-7.625	140 (64)
Slip Insert Set, 7" Nominal		
6-5/8" (168.3 mm) Tubing	TF651-7.625X6.625 (92-23)	87 (39.5)
7" (177.8 mm) Tubing	TF651-7.625X7.000 (92-22)	76 (34.5)
7-5/8" (193.7 mm) Tubing	TF650-7.625 (92-21)	55 (25.0)
Slip Body, Integral Teeth, 8-5/8" (219.1 mm) Tubing	TF150-R-8.625	150 (68)

Spider Accessories

Part Number	Description
65200-100	Pneumatic Foot Control Valve Assembly
65200H-100	Hydraulic Foot Control Valve Assembly
65220-200	Pneumatic Hand Control Valve Assembly
992311	Pneumatic Filter/Regulator/Lubricator Assembly with Gauge
65300	Set of Pneumatic Hoses (Three 180" with QDs)
65300H	Set of Hydraulic Hoses (Four 180" with QDs)



Model TS-100 Tubing Spider

Specifications:

Model	TS-100	Weight
Capacity	200000 lbs (54431 kg)	lbs (kg)
Tubing Spider Assembly without Slips		
3-1/2" Bowl	7502-100	195 (88)
5-1/2" Bowl	7502-103	245 (111)
Slip Body Assembly, 3-1/2" Nominal	7502-104	52 (23.6)
Slip Insert, 3-1/2" Nominal	(9 Each Required)	
1.050" (26.7 mm) Tubing	7502-A-5077	2.7 (1.22)
1.315" (33.4 mm) Tubing	7502-A-5076	2.3 (1.04)
1.660" (42.1 mm) Tubing	7502-A-5075	1.8 (0.82)
1.900" (48.2 mm) Tubing	7502-A-5074	1.7 (0.77)
2.060" (52.3 mm) Tubing	7502-A-5072	1.6 (0.73)
2-3/8" (60.3 mm) Tubing	7502-A-5071	1.4 (0.64)
2-7/8" (73.0 mm) Tubing	7502-A-5070	1.1 (0.50)
3-1/2" (88.9 mm) Tubing	7502-A-5069	0.7 (0.32)
Slip Body Assembly, 5-1/2" Nominal	7502-70	68 (30.8)
Slip Insert, 5-1/2" Nominal	(12 Each Required)	
3-1/2" (88.9 mm) Tubing	7502-F-26	2.6 (1.18)
4" (101.6 mm) Tubing	7502-G-26	2.0 (0.90)
4-1/2" (114.3 mm) Tubing	7502-C-26	1.8 (0.82)
5" (127.0 mm) Tubing	7502-D-26	1.4 (0.64)
5-1/2" (139.7 mm) Tubing	7502-A-26	1.0 (0.45)



Rod Wrench

Specifications:

Part Number	Description	Weight - lbs (kg)
QA1-19	5/8" Rod Wrench, 19" handle	6.5 (2.95)
QA2-19	3/4" - 7/8" Rod Wrench, 19" handle	6.5 (2.95)
QA2-19R	7/8" EL Rod Wrench, 19" handle	6.5 (2.95)
QA4-19	1" Rod Wrench, 19" handle	7.0 (3.18)
QA5-19	1-1/8" Rod Wrench, 19" handle	6.8 (3.08)



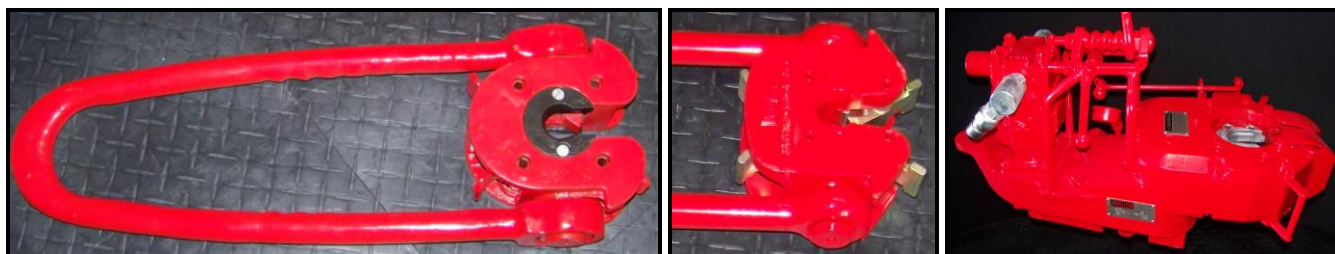
Rod Hook



Model	R25	Weight	R35	Weight
Capacity	50000 lbs (22679 kg)	40 lbs (18.1 kg)	70000 lbs (31751 kg)	80 lbs (36.3 kg)

Rod Elevator

Style	Solid Body	Weight lbs (kg)	Plate Type	Weight lbs (kg)
Capacity	40000 lbs (18143 kg)		50000 lbs (22679 kg)	
5/8" – 3/4"	84001-SB	27 (12.2)	84001-RE	32 (14.5)
3/4" – 7/8"	84002-SB		84002-RE	
1"	84003-SB		84003-RE	
1-1/8"	84004-SB		84004-RE	



Model M20 / M40 / M50 / M75 Rod Tong

Specifications:

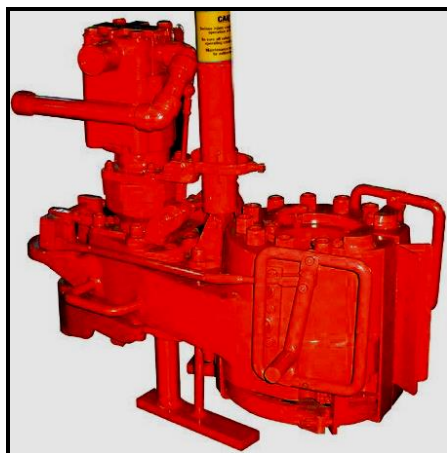
Model	M20	M40	M50	M75	Weight lbs (kg)
Rated Torque - ft-lbs (N-m)	1290 (1749)	1620 (2196)	2040 (2766)	2830 (3837)	
Rated Speed	130 RPM	105 RPM	80 RPM	65 RPM	
Power requirements	2000 PSI @ 30 GPM				
Tong without relief valve	27841	27841-1	27841-5	27841-75	365 (166)
Tong with relief valve	27841-101	27841-102	27841-103	27841-104	375 (170)
5/8" - 7/8" 7/8" EL 1" 1-1/8" 1-1/8" (M75)	Inner Ring Assembly 27899 27899-3 27899-4 27899-1 27899-6				9.1 (4.1)
5/8" 3/4" - 7/8" 7/8" EL 1" 1-1/8"	Backup Wrench 27902 27903 27903-1 27906 27907				6.3 (2.9)



Model 500C Rod and Tubing Tong

Specifications:

Rated Torque in Low Gear (2000 PSI)	4500 ft-lbs (6101 N-m)			
Rated Speed in High Gear (35 GPM)	125 RPM			
Size Range	1.05" to 3-1/2" (26.7 to 88.9 mm) Tubing, 5/8" to 1-1/2" Rods			
Tong complete with Spring Hanger and Manual Tubing Backup Assembly, less Tubing and Rod Jaws for Tong, Rod Backup Jaw Holder Assembly and Jaws, Torque Arm = 29"	Part Number			Weight lbs (kg)
	500C (TR 350)			545 (247)
Tubing Jaw / Die Sizes (New Style)	Note: One Piece Jaw Die Combo			
1.050" - 1.315" (26.7-33.4 mm) Tubing	8502-5071JD			1 (0.5)
1.660" (42.1 mm) Tubing	8502-5070			1 (0.5)
1.900" - 2.062" (48.2-52.4 mm) Tubing	8502-5075			1 (0.5)
2-3/8" (60.3 mm) Tubing	8502-023/8			1 (0.5)
2-7/8" (73.0 mm) Tubing	8502-027/8			1 (0.5)
3-1/2" (88.9 mm) Tubing	8502-5077			1 (0.5)
Rod Backup Jaw Holder Assembly	8502-5008			5 (2.3)
Rod Sizes	Tong Jaw		Backup Jaw	
5/8" Rod	8502-5013	1 (0.5)	8503-5021	5 (2.3)
3/4" - 7/8" Rod	8502-5013	1 (0.5)	8503-5018	5 (2.3)
1" Rod	8502-5014	1 (0.5)	8503-5075	5 (2.3)
1-1/8" Rod	8502-5056	1 (0.5)	8503-5143	5 (2.3)
1-1/4" Rod	8502-5072	1 (0.5)	8503-5370	5 (2.3)
1-1/2" Rod	8502-5073	1 (0.5)	8503-5371	5 (2.3)



Tubing Elevator

Bore	2-3/8" EUE	2-7/8" EUE	3-1/2" EUE	4-1/2" EUE
Part Number	32383-159	32383-161	32384-163	32384-167
Capacity	100 ton = 200000 lbs (90719 kg)			
Weight - lbs (kg)	123 (55.8)	122 (55.3)	178 (80.7)	168 (76.2)

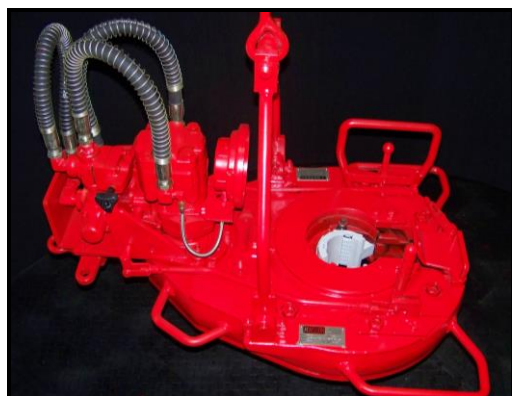
* Other sizes for both upset and plain tubing are available upon request.



Model 45000 / 55000 / 56000 Tubing Tong

Specifications:

Part Number	45000-100	55000-100	56000-100
Rated Torque in Low Gear - ft-lbs (N-m) (2500 PSI)	6670 (9043)	8740 (11850)	11750 (15931)
Rated Speed in High Gear (30 GPM)	96 RPM	101 RPM	76 RPM
Weight - lbs (kg)	672 (305)	716 (325)	716 (325)
Size Range	1.05" to 4-3/4" (26.7 to 120.6 mm)		
Torque Arm	29" (736.6 mm)		
Standard Jaw and Bushing Assembly (others avail.)	Part Number - Jaw / Bushing		Weight - lbs (kg)
2-3/8" (60.3 mm) Tubing	45291A/45292A		19 (8.6)
2-7/8" (73.0 mm) Tubing	45291B/45292B		17 (7.7)
3-1/2" (88.9 mm) Tubing	45291C/45292C		14 (6.4)
4-1/2" (114.3 mm) Tubing	45291D/45292D		9 (4.1)
Manual Backup with 2-3/8" - 3.668" Lug Jaw	45700		61 (27.7)
3-1/2" - 4-1/2" Lug Jaw	45424		7 (3.2)
Air Backup with 1.90" - 4-1/2" Jaws (Single)	55510-102P		350 (158.8)
Air Backup with 1.90" - 4-1/2" Jaws (Dual)	45000ABD		475 (215.5)
2-7/8" - 5-9/16" Insert	55157		0.9 (0.4)



Model RS / RS-HT Tubing Tong

Specifications:

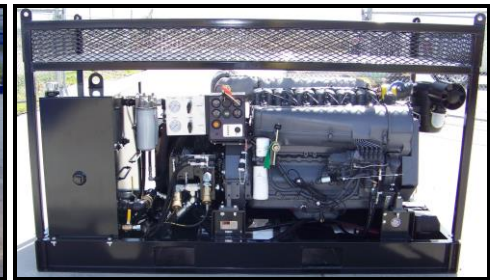
Part Number	34891	34891-HT (High Torque)
Rated Torque in Low Gear - ft-lbs (N-m) (2000 PSI)	4650 (6305)	6650 (9016)
Rated Speed in High Gear (35 GPM)	100 RPM	80 RPM
Weight - lbs (kg)	625 (284)	
Size Range	1.05" to 4-1/2" (26.7 to 114.3 mm)	
Torque Arm	39" (990.6 mm)	
Standard Jaw and Bushing Assembly Sizes (others avail.)	Part Number - Jaw / Bushing	
2-3/8" (60.3 mm) Tubing	27477-1 / 27645-1	
2-7/8" (73.0 mm) Tubing	27481-1 / 27660-1	
3-1/2" (88.9 mm) Tubing	17912-1 / 17913-1	
4-1/2" (114.3 mm) Tubing	24553-1 / 24552-1	
Manual Backup with 2-3/8" - 3.668" Lug Jaw	30430-110	
3-1/2" - 4-1/2" Lug Jaw	30424-6	
		7 (3.2)



Model 58-93R Tubing Tong

Specifications:

Rated Torque in Low Gear (2000 PSI)	6000 ft-lbs (8135 N-m)	
Rated Speed in High Gear (33 GPM)	126 RPM	
Size Range	1-5/16" to 7" (33.3 to 177.8 mm)	
Torque Arm	36" (914.4 mm)	
Tubing Tong complete with Hydraulic Lift Cylinder, Torque Pressure Gauge and Jaws with Inserts for Tong to run 2-3/8" - 2-7/8" and Jaws with Inserts for Backup to run 2-3/8" - 3-3/4" with Air Backup with Hydraulic Backup with Manual Backup	Part Number	Weight lbs (kg)
	58-93R	1100 (499)
	58-93R-H	1100 (499)
	58-93R-M	1100 (499)
Standard Size Tong Jaws (other sizes available)		
2-3/8" to 2-7/8" (60.3 - 73.0 mm) Jaw Assembly (included with tong)	50-22-7-100	5 (2.3)
Replacement Insert for the Above Jaw	50-48-1	0.5 (0.2)
2-7/8" to 5" (73.0 - 127.0 mm) Universal Jaw, less Inserts	J505-2	2.6 (1.2)
Insert, 2-7/8" to 3-1/2" (73.0 - 88.9 mm)	J505-4	1.9 (0.9)
Insert, 3-1/2" to 4-1/2" (88.9 - 114.3 mm)	J505	1.4 (0.6)
Insert, 4" to 5" (101.6 - 127.0 mm)	J505-1	1.5 (0.7)
Standard Size Backup Jaws (other sizes available)		
2-3/8" to 3-3/4" (60.3 - 95.3 mm) Jaw Assembly (included with tong)	147-7-100	2.9 (1.3)
3-1/16" to 4-1/2" (77.8 - 114.3 mm) Jaw Assembly	147-14-100	3 (1.4)
4-1/2" to 5-9/16" (114.3 - 141.3 mm) Solid Jaw	147-10	3 (1.4)
5" to 6-1/16" (127.0 - 154.0 mm) Solid Jaw	147-8	3 (1.4)



Power Units

We build tubing, casing and drill pipe tong hydraulic power units or units to drive pipe make / break systems, roughnecks, wireline units, winches, cylinders, rotary tables or multiple functions combined in a complete rig floor HPU. Electric HPUs are available for standard shop service up to a Class 1, Division 1 (explosion proof) rating. Diesel HPUs are available from standard units up to rig safe or zone configurations. We handle open or closed loop systems, skid or trailer mounted units for high or low temperature / cold weather applications. Each unit is designed to the customer's application. All systems are provided with technical manuals including operating instructions, assembly drawings, hydraulic / electrical schematics, and material traceability information. Lift tests and magnetic particle inspections of the load path are also available.

Standard Units:

Model	Specifications	Weight - lbs (kg)
31000	114 HP Diesel Engine, Gear Pump, 60 GPM up to 1500 PSI, 30 GPM up to 3500 PSI	3900 (1769)
31200	60 HP Electric Motor, Gear Pump, 60 GPM up to 1300 PSI, 24 GPM up to 3000 PSI (60 Hz)	3500 (1588)
30500	40 HP Electric Motor, Piston Pump, 35 GPM up to 1300 PSI, 16 GPM at 3000 PSI (60 Hz)	3200 (1452)



MAX Compactors



Description: Our objective is to manufacture superior waste compactors having simplicity of operation, easy access to load refuse and remove bags, reliability, low maintenance and small deck space requirements. Our achievement of this objective is evidenced by the growing popularity of MAX Compactor equipment operating in domestic and remote areas around the world. The explosion-proof electric compactor models are standard and commonly used on drilling and production platforms, jack-up and semi-submersible rigs, workboats and ships. The equipment is field-proven worldwide and excels in performance. Each compactor unit features the highest quality components, oilfield-rugged unitized structure, certified construction materials and professional workmanship. Non-hazardous waste material is compacted into disposable, heavy-duty, woven polypropylene bags for storage and transport. Filter and drum-crushing capabilities are also available.

Specifications:

Model	MAX-20A	MAX-20EX	MAX-40A	MAX-40EX
Container Capacity	20 cu ft	20 cu ft	40 cu ft	40 cu ft
Compaction Force	25000 lbs	25000 lbs	40000 lbs	40000 lbs
Power System	Air / hydraulic	Electric / hyd.	Air / hydraulic	Electric / hyd.
Cycle Time	56 sec	21 sec	66 sec	25 sec
Width	50"	50"	58"	58"
Depth	56"	56"	59"	59"
Height	103.5"	103.5"	112"	112"
Estimated Weight	3680 lbs	3680 lbs	4650 lbs	4650 lbs



HURRICANE Bug Blowers

Description: The HURRICANE bug blowers are rugged fans designed for maximum air flow, low decibel noise levels, durability and safety. They cool and protect rig crews from irritating flying insects and potentially hazardous downhole gases on the rig floor, both onshore and offshore.

- Each fan utilizes a non-sparking, cast aluminum, two blade impeller complete with OSHA compliant guards.
- The electrical system is UL certified for use in explosion proof or XP areas (Class 1 Div. 1 Groups C&D).
- Standard motor is dual rated for 460 VAC / 3 phase / 60 Hz and 380 VAC / 3 phase / 50 Hz.
- Other motors are available for your custom application.
- A lifting lug is included at the top of the housing to facilitate handling. Forklift pockets can be added to the heavy duty skid base for another option of easy handling.



Specifications:

Model	24	36	48	54
Part Number	HURRICANE24	HURRICANE36	HURRICANE48	HURRICANE54
Motor HP	2	3	5	5
Motor RPM	1800	1200	1200	1200
CFM 60 HZ*	8800	18770	37200	40000
50 HZ*	7000	15400	30000	33000
Noise Level @ 5'*	78 dBA	79 dBA	87 dBA	89 dBA
Width	35" 889 mm	42" 1067 mm	54" 1372 mm	60" 1524 mm
Depth	24" 610 mm	32" 813 mm	35" 889 mm	35" 889 mm
Height	41" 1041 mm	70" 1778 mm	78" 1981 mm	84-1/2" 2146 mm
Estimated Weight	300 lbs (136 kg)	420 lbs (190 kg)	500 lbs (227 kg)	585 lbs (265 kg)

*Calculated performance



HURRICANE Suction Line Strainers

Description: The HURRICANE suction line strainer protects mud pump fluid ends from unwanted debris entering the fluid stream. The strainer is easily cleaned and returned to service in minutes. A variety of end connections are available, including butt weld, flanged or threaded, to install in the suction line of any mud pump. HURRICANE strainers are built to withstand the rough service found on drilling rigs. Inlet / outlet diameters of 4", 6", 8", 10" and 12" are standard.



Indicators

We can provide the following weight indicators. Visit our website for more information.

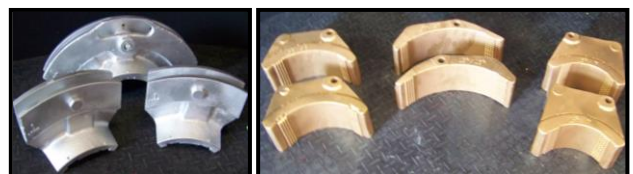
- Wireline weight indicator – Measures line tension with a hydraulic load cell.
- Deflection weight indicator (clipper) – Measures line tension via diaphragm clamped to the line.
- Midget weight indicator – Measures line tension with a hydraulic load cell
- Anchor weight indicator and deadline anchor – Hydraulic load cell mounted on the deadline anchor.
- Type C weight indicator – Measures line tension using the deflection principle.
- Tong line pull or tong torque - Measures the line tension between a tong and backup line. Gauge reads in lbs or ft-lbs.
- Rotary torque gauge and rotary speed meters



Casing Tongs

Casing Tong Parts

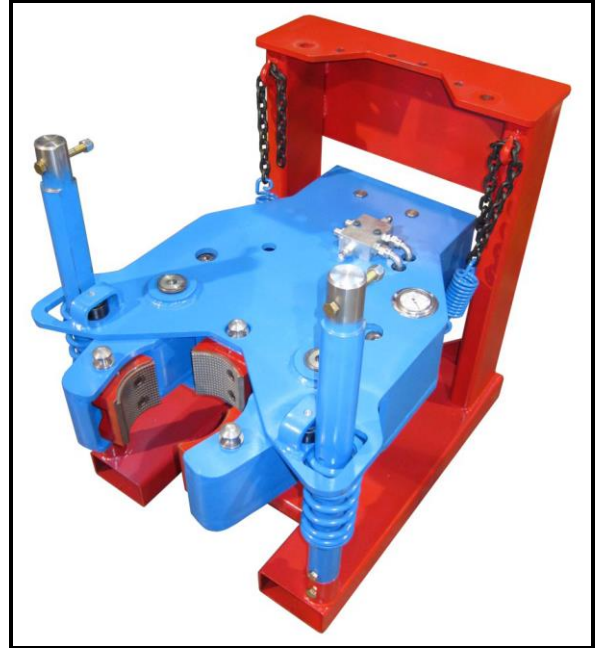
We offer parts for most casing tong manufacturers such as replacement heads / jaw die kits, bearings, pins, rollers, brake bands, cam followers, motors, seals, valve parts, etc. We also offer most dies (i.e. flat, rig, pencil, contour or wrap around). Specify regular, fine tooth or non-marking with any die request.





5-1/2" Casing Tong (01F05C)

Description: Hydraulic powered casing tong, 2 speed, with 2 jaw biting system, built in spring hanger, leveling system, door safety interlock and adjustable relief valve for torque control



Specifications:

- Maximum torque 15000 ft-lbs @ 2500 PSI
- Maximum speed 102 RPM @ 65 GPM
- Torque arm 26" (tong), 24" (backup)
- Dimensions Width: 24-1/2", Depth: 45", Weight: 850 lbs (without backup)
Width: 26-1/2", Depth: 45", Weight: 1650 lbs (with backup)
- Tong 4-1/8" jaw set (2-1/16" - 4-1/8") 707 05410 (less dies)
- Tong 5-1/2" jaw set (4-1/4" - 5-1/2") 707 05405 (less dies)
- Wraparound dies 2 each required for each size jaw set

2-1/16"	2-3/8"	2-7/8"	3"	3-1/16"	3-1/8"
707 05260-01	707 05260-02	707 05260-03	707 05260-07	707 05260-18	707 05260-11
3-1/4"	3-3/8"	3-1/2"	3-5/8"	3.67"	3-3/4"
707 05260-13	707 05260-14	707 05260-04	707 05260-24	707 05260-20	707 05260-21
3-7/8"	4.03"	4-1/8"	4-1/4"	4-1/2"	4-5/8"
707 05260-27	707 05260-17	707 05260-31	707 05255-42	707 05255-45	707 05255-46
4-3/4"	5"	5-1/4"	5-1/2"		
707 05255-47	707 05255-50	707 05255-52	707 05255-55		

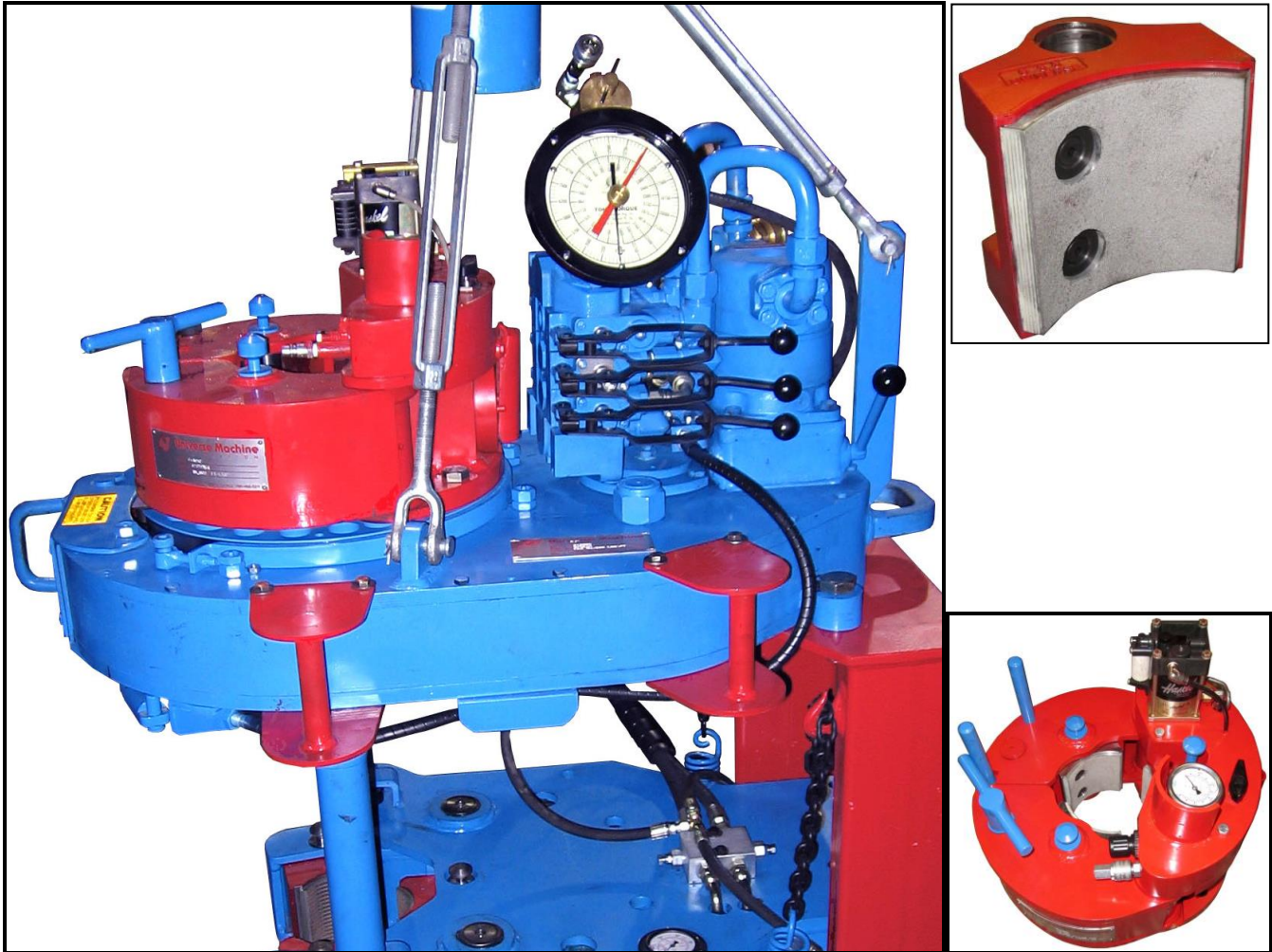
Options:

- Hydraulic lift cylinder kit – 36" 706K00037
- Line pressure torque gauge kit 706 01007-05
- Tension load cell assembly 706 01000-05
- Hydraulic backup 02F06C
- Hydraulic backup installation 706F00030-05
- Compression load cell assembly 706F06150-06
- Backup 4-1/8" jaw set (2-1/16" - 4-1/8") 707 06430 (less dies)
- Backup 5-1/2" jaw set (4-1/4" - 5-1/2") 707 06420 (less dies)
- Wraparound dies 3 each required for each size jaw set



Friction Bite Unit (P/N 04A05C)

Description: Air actuated friction bite unit (FBU) for non-marking applications (i.e. chrome tubulars), with 3 jaw biting system, used in conjunction with 5-1/2" tong (other sizes available upon request)



Specifications:

- | | |
|-------------------------|--|
| • Maximum rated torque | 15000 ft-lbs |
| • Air input requirement | 80 PSI maximum |
| • Dimensions | Diameter: 18", Depth: 13-1/2", Weight: 250 lbs |

Note: If used with the 5-1/2" tong, then two jaws can be pulled from the tong for use in the FBU. One extra jaw must be ordered per the part numbers below.

- | | |
|---|-----------------------|
| • Tong 4-1/8" jaw (2-1/16" - 4-1/8") | 707 05210 (less dies) |
| • Tong 5-1/2" jaw set (4-1/4" - 5-1/2") | 707 05205 (less dies) |

Note: Wraparound dies are the same as those used in the 5-1/2" tong. Reference the 5-1/2" tong page.

Note: Add "TC" to the end of the die part number if a non-marking type die is required.

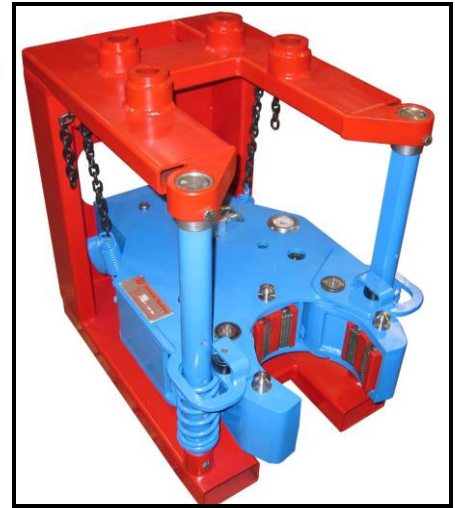
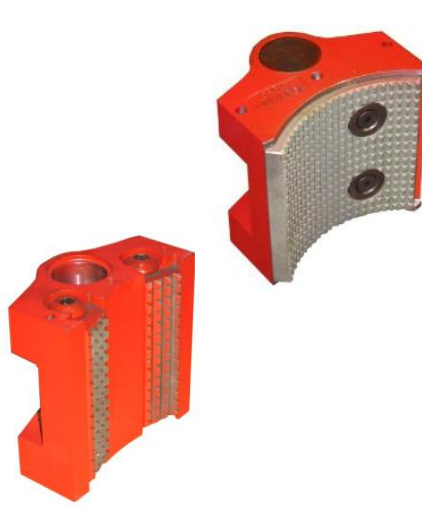
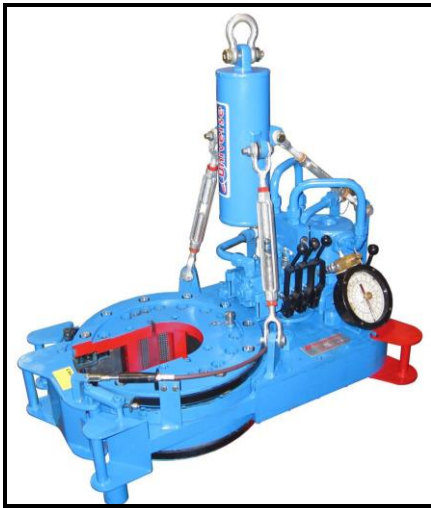
Note: Add "AL" to the end of the die part number if an aluminum type die is required.

- | | |
|-------------------|---------------------------------------|
| • Wraparound dies | 3 each required for each size jaw set |
|-------------------|---------------------------------------|



7-5/8" Casing Tong (P/N 01C07C)

Description: Hydraulic powered casing tong, narrow body, 2 speed, with 2 jaw biting system, built in spring hanger, leveling system, door safety interlock and adjustable relief valve for torque control



Specifications:

- Maximum torque 17000 ft-lbs @ 3000 PSI (14100 ft-lbs @ 2500 PSI)
- Maximum speed 97 RPM @ 65 GPM
- Torque arm 24" (tong), 24" (backup)
- Dimensions Width: 22", Depth: 46-3/4", Weight: 1100 lbs (w/o backup)
Width: 23", Depth: 46-3/4", Weight: 1775 lbs (with backup)
- Tong 4-1/8" jaw set (2-1/16" - 4-1/8") 707 07427 (less wraparound dies)
- Tong 5-1/2" jaw set (4-1/4" - 5-1/2") 707 07417 (less wraparound dies)
- Wraparound dies 2 each required for each size jaw set

Note: Wraparound dies are the same as those used in the 5-1/2" tong. Reference the 5-1/2" tong page.

- Tong 6-5/8" jaw set 707 07415 (with standard flat dies)
- Tong 7" jaw set 707 07410 (with standard flat dies)
- Tong 7-5/8" jaw set 707 07405 (with standard flat dies)

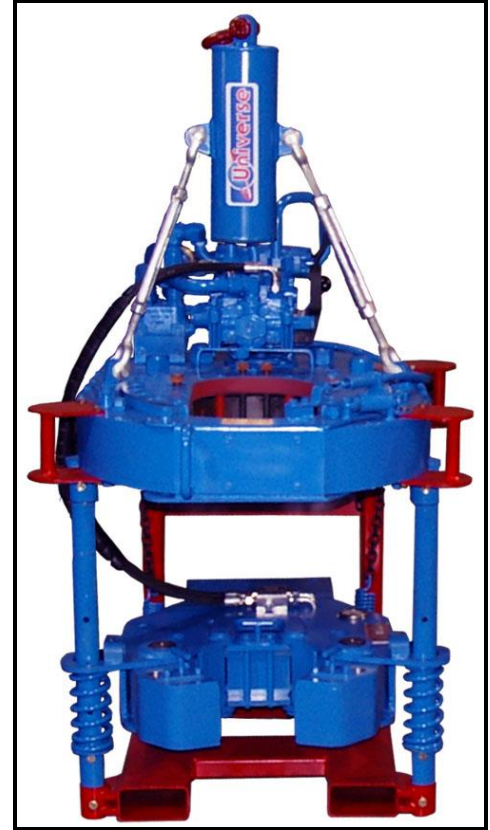
Options:

- Hydraulic lift cylinder kit – 36" 706K00037
- Line pressure torque gauge kit 706 01007-07
- Tension load cell assembly 706 01000-07
- Hydraulic backup 02B07C
- Hydraulic backup installation 706F00030-07
- Compression load cell assembly 706F06150-06
- Backup 4-1/8" jaw set (2-1/16" - 4-1/8") 707 07527 (less wraparound dies)
- Backup 5-1/2" jaw set (4-1/4" - 5-1/2") 707 07517 (less wraparound dies)
- Backup 6-5/8" jaw set 707 07515 (with standard flat dies)
- Backup 7" jaw set 707 07510 (with standard flat dies)
- Backup 7-5/8" jaw set 707 07505 (with standard flat dies)
- Wraparound dies 3 each required for each size jaw set



9-5/8" Casing Tong (Standard P/N 01E09D, Upgrade P/N 01E09E-30)

Description: Hydraulic powered casing tong, 2 speed, with 3 jaw biting system, built in spring hanger and leveling system, door safety interlock and adjustable relief valve for torque control



Specifications:

- Standard torque 22000 ft-lbs @ 3050 PSI (18100 ft-lbs @ 2500 PSI)
- Standard speed 84 RPM @ 65 GPM
- Upgrade torque 27000 ft-lbs @ 2000 PSI
- Upgrade speed 41 RPM @ 65 GPM
- Torque arm 30" (tong), 24" (backup)
- Dimensions Width: 28-1/2", Depth: 49-1/4", Weight: 1100 lbs (without backup)
Width: 32-3/8", Depth: 49-1/4", Weight: 2100 lbs (with backup)
- Tong jaw set part numbers

3-1/2"	4-1/2"	5-1/2"	6-5/8"	7"	7-5/8"	8-5/8"	9-5/8"
707 09436	707 09431	707 09425	707 09420	707 09417	707 09415	707 09410	707 09405

Options:

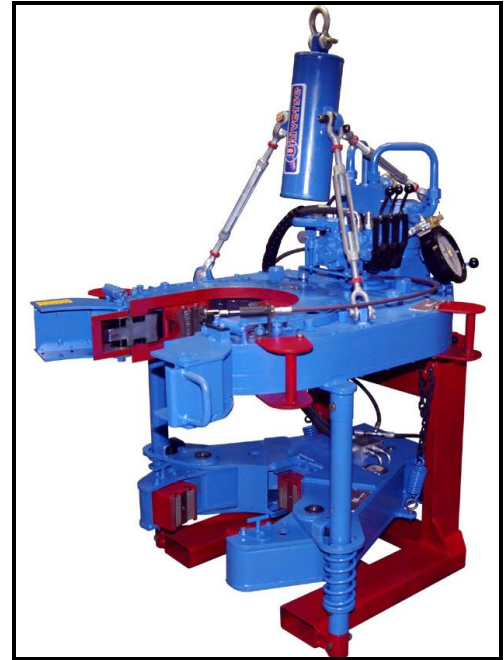
- Hydraulic lift cylinder kit – 36" 706K00037
- Line pressure torque gauge kit 706 01007-09
- Tension load cell assembly 706 01000-09
- Hydraulic backup 02F10E
- Hydraulic backup installation 706F00032-09
- Compression load cell assembly 706F06150-10
- Backup jaw set part numbers

3-1/2"	4-1/2"	5-1/2"	6-5/8"	7"	7-5/8"	8-5/8"	9-5/8"
707 10436	707 10431	707 10425	707 10420	707 10417	707 10415	707 10410	707 10405



13-5/8" Casing Tong (Standard P/N 01E13E, Upgrade P/N 01E13F-30))

Description: Hydraulic powered casing tong, 2 speed, with 3 jaw biting system, built in spring hanger and leveling system, door safety interlock and adjustable relief valve for torque control



Specifications:

- Standard torque 25000 ft-lbs @ 3200 PSI (19550 ft-lbs @ 2500 PSI)
- Standard speed 75 RPM @ 65 GPM
- Upgrade torque 36000 ft-lbs @ 2450 PSI
- Upgrade speed 36 RPM @ 65 GPM
- Torque arm 32" (tong), 24-3/4" (backup)
- Dimensions Width: 31-3/4", Depth: 53-1/4", Weight: 1175 lbs (without backup)
Width: 38-1/4", Depth: 53-1/4", Weight: 2275 lbs (with backup)
- Tong jaw set part numbers

3-1/2"	4-1/2"	5-1/2"	6-5/8"	7"	7-5/8"
707 13462	707 13457	707 13450	707 13445	707 13440	707 13435
8-5/8"	9-5/8"	10-3/4"	11-3/4"	12-3/4"	13-3/8"
707 13430	707 13425	707 13420	707 13415	707 13410	707 13405

Options:

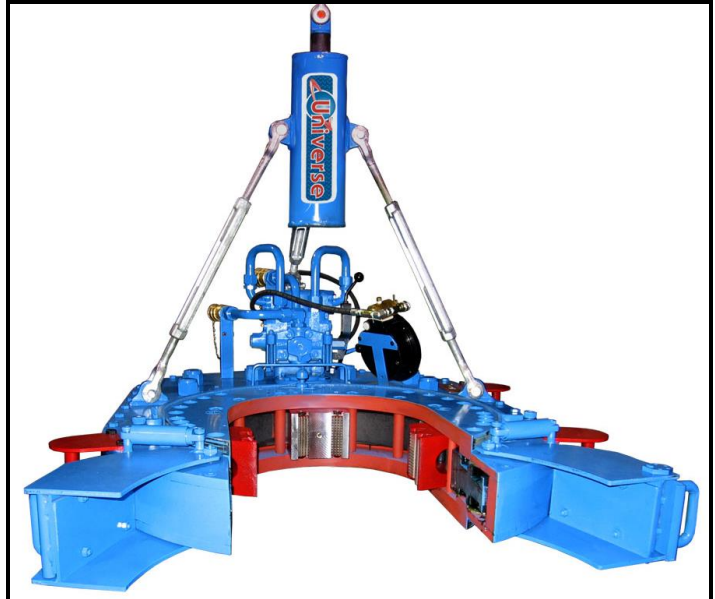
- Hydraulic lift cylinder kit – 36" 706K00037
- Line pressure torque gauge kit 706 01007-13
- Tension load cell assembly 706 01000-13
- Hydraulic backup 02F14E
- Hydraulic backup installation 706F00032-09
- Compression load cell assembly 706F06150-14
- Backup jaw set part numbers

3-1/2"	4-1/2"	5-1/2"	6-5/8"	7"	7-5/8"
707 14462	707 14457	707 14450	707 14445	707 14440	707 14435
8-5/8"	9-5/8"	10-3/4"	11-3/4"	12-3/4"	13-3/8"
707 14430	707 14425	707 14420	707 14415	707 14410	707 14405



17" Casing Tong (Standard P/N 01C17F, Upgrade P/N 01C17H-30)

Description: Hydraulic powered casing tong, 2 speed, with 3 jaw biting system, built in spring hanger, leveling system, door safety interlock and adjustable relief valve for torque control



Specifications:

- Standard torque 30000 ft-lbs @ 3250 PSI (23070 ft-lbs @ 2500 PSI)
- Standard speed 63 RPM @ 65 GPM
- Upgrade torque 41000 ft-lbs @ 2350 PSI
- Upgrade speed 31 RPM @ 65 GPM
- Torque arm 36" (tong)
- Dimensions Width: 37-3/4", Depth: 59", Weight: 1800 lbs (without backup)
- Tong Jaw Set Part Numbers

6-5/8"	7"	7-5/8"	8-5/8"	9-5/8"	10-3/4"
707 17455	707 17450	707 17445	707 17440	707 17435	707 17430
11-3/4"	12-3/4"	13-3/8"	16"	16-1/2"	17"
707 17425	707 17420	707 17415	707 17410	707 17408	707 17405

Options:

- Hydraulic lift cylinder kit – 36" 706K00037
- Line Pressure torque gauge kit 706 01007-17
- Tension load cell assembly 706 01000-17
- Hydraulic backup 02E18F
- Hydraulic backup installation 706F00032-18
- Compression load cell assembly 706F06150-18
- Backup Jaw Set Part Numbers

6-5/8"	7"	7-5/8"	8-5/8"	9-5/8"	10-3/4"
707 18455	707 18450	707 18445	707 18440	707 18435	707 18430
11-3/4"	12-3/4"	13-3/8"	16"	16-1/2"	17"
707 18425	707 18420	707 18415	707 18410	707 18408	707 18405



20" Casing Tong (Standard P/N 01C20G, Upgrade P/N 01C20J-30)

Description: Hydraulic powered casing tong, 2 speed, with 3 jaw biting system, built in spring hanger, leveling system, door safety interlock and adjustable relief valve for torque control



Specifications:

- Standard torque 35000 ft-lbs @ 3500 PSI (25200 ft-lbs @ 2500 PSI)
- Standard speed 57 RPM @ 65 GPM
- Upgrade torque 50000 ft-lbs @ 2450 PSI
- Upgrade speed 28 RPM @ 65 GPM
- Torque arm 42" (tong)
- Dimensions Width: 43-3/4", Depth: 70-1/4", Weight: 2250 lbs (without backup)
- Tong jaw set part numbers

7"	7-5/8"	8-5/8"	9-5/8"	10-3/4"	11-3/4"	12-3/4"
707 20460	707 20450	707 20445	707 20440	707 20435	707 20430	707 20425
13-3/8"	16"	16-1/2"	17"	18-5/8"	20"	
707 20420	707 20415	707 20414	707 20412	707 20410	707 20405	

Options:

- Hydraulic lift cylinder kit – 36" 706K00037
- Line pressure torque gauge kit 706 01007-20
- Tension load cell assembly 706 01000-20
- Hydraulic backup 02E21G
- Hydraulic backup installation 706F00032-21
- Compression load cell assembly 706F06150-21
- Backup jaw set part numbers

7"	7-5/8"	8-5/8"	9-5/8"	10-3/4"	11-3/4"	12-3/4"
707 21460	707 21450	707 21445	707 21440	707 21435	707 21430	707 21425
13-3/8"	16"	16-1/2"	17"	18-5/8"	20"	
707 21420	707 21415	707 21414	707 21412	707 21410	707 21405	



24-1/2" Casing Tong (Standard P/N 01B24H, Upgrade P/N 01B24J-30)

Description: Hydraulic powered casing tong, 2 speed, with 3 jaw biting system, built in spring hanger, leveling system, door safety interlock and adjustable relief valve for torque control

Specifications:

- Standard torque 40000 ft-lbs @ 3400 PSI (29300 ft-lbs @ 2500 PSI)
- Standard speed 49 RPM @ 65 GPM
- Upgrade torque 56000 ft-lbs @ 2375 PSI
- Upgrade speed 24 RPM @ 65 GPM
- Torque arm 48"
- Dimensions Width: 49-3/4", Depth: 78", Weight: 3550 lbs
- Tong jaw set part numbers

8-5/8"	9-5/8"	10-3/4"	11-3/4"	12-3/4"	13-3/8"	16"
707 24460	707 24455	707 24450	707 24445	707 24440	707 24435	707 24430
16-1/2"	17"	18-5/8"	20"	22"	24-1/2"	
707 24425	707 24423	707 24420	707 24415	707 24410	707 24405	

Options:

- Hydraulic lift cylinder kit – 36" 706K00037
- Hydraulic lift cylinder kit – 66" 706K00036
- Line pressure torque gauge kit 706 01007-24
- Tension load cell assembly 706 01000-24

30" Casing Tong (Standard P/N 01B30J, Upgrade P/N 01B30M-30)

Description: Hydraulic powered casing tong, 2 speed, with 3 jaw biting system, built in spring hanger, leveling system, door safety interlock and adjustable relief valve for torque control

Specifications:

- Standard torque 50000 ft-lbs @ 3500 PSI (35500 ft-lbs @ 2500 PSI)
- Standard speed 40 RPM @ 65 GPM
- Upgrade torque 65000 ft-lbs @ 2400 PSI
- Upgrade speed 19 RPM @ 65 GPM
- Torque arm 54"
- Dimensions Width: 58", Depth: 80", Weight: 5500 lbs
- Tong jaw set part numbers

13-3/8"	16"	16-1/2"	17"	18-5/8"
707 30435	707 30430	707 30425	707 30423	707 30420
20"	24"	26"	30"	
707 30415	707 30410	707 30407	707 30405	

Options:

- Hydraulic lift cylinder kit – 36" 706K00037
- Hydraulic lift cylinder kit – 66" 706K00036
- Line pressure torque gauge kit 706 01007-30
- Tension load cell assembly 706 01000-30



Thread Protectors

The list below is a sample of the thread protectors we can provide. The belt type protector is shown, but we can also offer a mechanical clamp type or air-operated type.

Size	Belt Type	Clamp Type	Air-Operated Type
2-3/8" (60.3 mm)	N/A	KL-2.38	KLPD0238
2-7/8" (73.0 mm)	N/A	KL-2.88	KLPD0278
3-1/2" (88.9 mm)	4022-1034	KL-3.50	KLPD0312
4" (101.6 mm)	N/A	N/A	KLPD0400
4-1/2" (114.3 mm)	4022-1044	KL-4.50	KLPD0412
5" (127 mm)	4022-1050	KL-5.00	KLPD0500
5-1/2" (139.7 mm)	4022-1054	KL-5.50	KLPD0512
6-5/8" (168.3 mm)	4022-1065	KL-6.63	KLPD0658
7" (177.8 mm)	4022-1070	KL-7.00	KLPD0700
7-5/8" (193.7 mm)	4022-1075	KL-7.63	KLPD0758
8-5/8" (218.1 mm)	4022-1085	KL-8.63	KLPD0858
9-5/8" (244.5 mm)	4022-1095	KL-9.63	KLPD0958
10-3/4" (273.1 mm)	4022-1106	KL-10.75	KLPD1034
13-3/8" (339.7 mm)	4022-1133	KL-13.38	KLPD1338
16" (406.4 mm)	4022-1160	KL-16.00	KLPD1600
18-5/8" (473.1 mm)	4022-1185	KL-18.63	KLPD1858
20" (508.0 mm)	4022-1200	KL-20.00	KLPD2000



Stabbing Guides

Stabbing guides are furnished in either standard rubber or heavy duty. When requesting a quote, please advise the size, connection type and weight of the tubular (lbs/ft).

Kelly Spinners

Style	Max. Torque ft-lbs	Max. RPM	Power Requirements	Weight lbs
A6C Air	1050	170	100 PSI @ 130 CFM	750
77 Air	1050	65	100 PSI @ 130 CFM	550
77 Hyd.	1050	78	2000 PSI @ 33 GPM	550



Drill Pipe Spinners

SPINMASTER Model	OD Size Range inches	Torque ft-lbs	RPM	Power Requirements	Weight lbs
550A Air	2-7/8 - 5-1/2	600 - 1250	130 - 70	100 PSI @ 240 CFM	950
550H Hyd.	2-7/8 - 5-1/2	600 - 1050	130 - 70	2000 PSI @ 20 GPM	620
950A Air	2-7/8 - 9-1/2	600 - 2250	130 - 39	100 PSI @ 240 CFM	1025
950H Hyd.	2-7/8 - 9-1/2	600 - 1950	130 - 39	2000 PSI @ 20 GPM	660





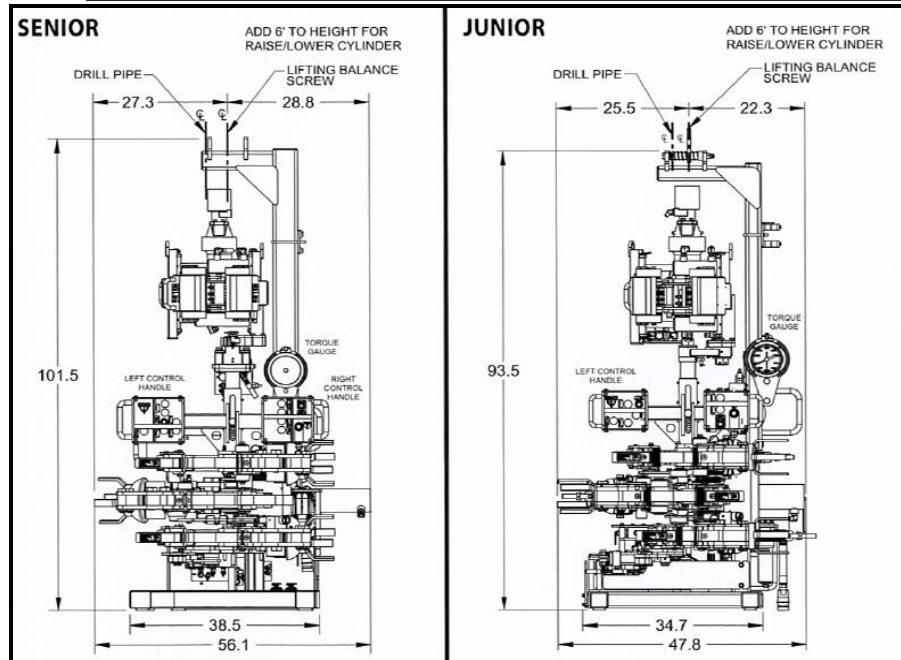
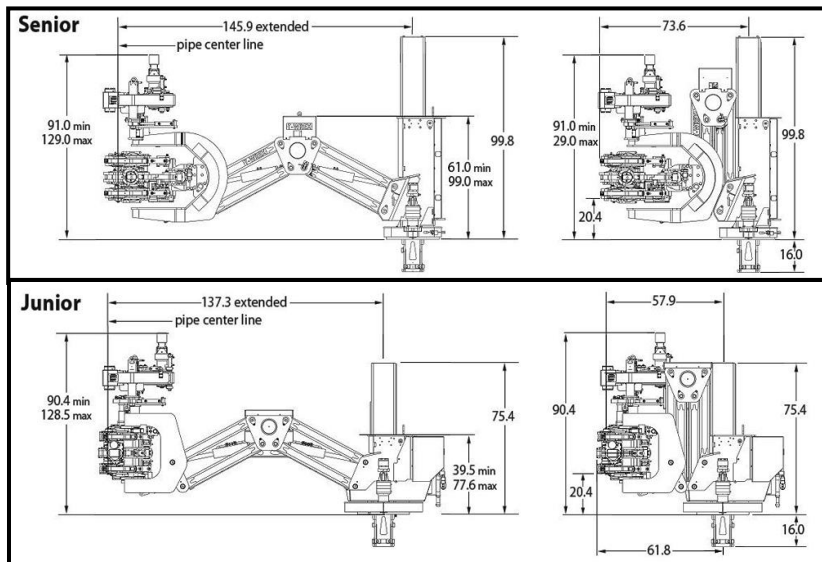
Make-Up/Break-Out Tool and Drill Pipe Tongs

T-WREX: Pedestal mounted, remotely operated tool. Allows operator to safely control all tool functions from a remote mounted console. Complete with horizontal and rotation (270°) positioning controls.

HAWKJAW: Free hanging unit. Allows operator to safely control all functions from console mounted on the tool.

BOTH UNITS: Complete with spinner control; grip and torque controls; vertical positioning, forward and backward tilt ($\pm 15^\circ$). Includes adjustable torque regulator, torque gauge and spinning chain oiler system. Power requirements of 3000 PSI @ 35 GPM hydraulic, 100 PSI @ 10 CFM pneumatic. Spins and torques in under 15 seconds in most applications.

Model Size	Torque ft-lbs	Tool Joint OD Size Range inches	Spinner OD Size Range inches	T-WREX Weight - lbs	HAWKJAW Weight- lbs
Senior	100000 (make) 120000 (break)	4 - 9-1/2	2-7/8 - 9-1/2	8820	4000
Junior	60000 (make) 80000 (break)	3-1/2 - 8	2-7/8 - 8	7750	2700





Rigs, Rig Package Equipment and Spares

From complete rig packages to a few spare parts, we supply it all. Other models and equipment are available upon request.

Rig Model	Mast Height ft	Mast Rating / # Lines lbs	Workover / Well Service Depth ft	Drilling Depth (3-1/2" DP) ft
250	71	150000 / 4 - 180000 / 6 180000 / 4 - 210000 / 6	7500 / 8500	N/A
350	96	180000 / 4 - 210000 / 6	8000 / 12000	5000
550	104	250000 / 6 - 315000 / 6	10000 / 16000	7000
650	109	350000 / 8 - 370000 / 10	14000 / 18000	8000
750	112	350000 / 8 - 400000 / 10	14000 / 18000	10000
1000	117	400000 / 8 - 450000 / 10	N/A	12000

- Tubing / hook block
- Rotary swivel / power swivel
- Rotary table / master bushing
- Bushing lifting sling
- Casing bushing / insert bowl
- Kelly drive roller / bushing
- Hex or square kelly
- Bit breaker / adapter plate
- Hinged casing spider
- Rotary / vibrator / mud hose
- Drill collar / drill pipe
- Crossover / casing scraper
- Saver / bit / lift sub
- Float valve
- Upper or lower kelly valve
- Safety valve / inside BOP
- Mud pump (165 to 1600 HP)
- Mud pump parts
- Pulsation dampener bladder
- Mud agitator / hopper
- Mud cleaner / conditioner
- Centrifugal pump / parts
- Desander / desilter
- Choke and kill manifold
- Gate valve / butterfly valve
- Adjustable / fixed choke
- Pickup / laydown unit
- Thread protector
- Ram / Annular BOP / Parts
- Closing / accumulator unit
- Test unit / cup tester
- Drilling spool / adapter flange
- Ring gasket / studs and nuts
- Circulating head / floating sub
- Genset / air compressor
- Hammer union / swivel
- Mud bucket / balance
- Tubing stripper / wiper
- Manifold fittings
- Fishing tools / Jars
- Rod BOP / stripper / wiper
- Wireline stripper / oil saver
- Slip lifter
- Pump stroke counter / SPM
- Pit volume totalizer (PVT)
- Pipe / chain / hammer wrench
- Hand tools / power tools
- Harness / fall arrestor
- Lanyard / belt / tail rope
- Pipe wiper / pipe dope
- Slip insert / tong die
- Rig / drawwork parts
- Brake band / block kit
- SSW 10 / 20 / 30 / 40 parts



Data subject to change without prior notice



Handling Tools

(Visit our website for detailed cut sheets on the equipment below.)

Manual Tong

Type	Rating (ft-lb)	Size (in)
LF	16000	2-3/8 to 8-5/8
C / HT-35	35000	2-3/8 to 10-3/4
B / HT-55	55000	3-1/2 to 13-3/8
B (casing)	25000	13-3/8 to 36-1/2
AAX	55000	2-7/8 to 13-3/8
DB / HT-65	65000	3-1/2 to 17
SDD / HT-100	100000	4 to 17



Tool Pusher / Elevator Links

Rating (ton)	Size (in)
80 (Welded)	1-3/4x30 to 1-3/4x84
150 (Standard)	1-3/4 x 36, 48, 60, 72, 84, 96, 108, 120
150 (Big Eye)	1-3/4 x 60, 72, 84, 96
200 (Big Eye)	2 x 60, 72, 84, 96, 120
250 (Big Eye)	2-1/4 x 60, 72, 84, 96, 108, 120, 132
350 (Big Eye)	2-3/4 x 96, 108, 120, 144, 168, 180, 192
500 (Big Eye)	3-1/2 x 108, 132, 144, 168, 180, 192

Elevator

Type	Rating (ton)	Size (in)
Slip		
LYT	20	1.050 to 2-1/16
MYT	40	1.315 to 2-7/8
YT	75	1.315 to 3-1/2
HYT	150	2-3/8 to 3-1/2
YC	75	3-1/2 to 7
MYC	125	3-1/2 to 7
HYC	200	3-1/2 to 7-5/8



Center Latch (18°)

MG	100	2-3/8 to 5-1/2
RG	150	2-3/8 to 4-1/2
MGG	175	2-3/8 to 5
MGG	250	3-1/2 to 5-1/2
GG	350	3-1/2 to 5-1/2
HGG	500	4 to 6-5/8



Center Latch (90°)

TA	35	1.050 to 2-7/8
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Type	Rating (ton)	Size (in)
Center Latch (90°), Continued		
TA	65	1.660 to 4-1/2
TA	100	2-3/8 to 8-5/8
TA	150	5 to 8-5/8
RA	125	2-3/8 to 4-1/2
RA	150	2-7/8 to 5-1/2
RA	250	3-1/2 to 7
RA	350	4-1/2 to 7



Side Door (90°)

SLX	100	2-3/8 to 5-1/2
SLX	150	4-1/2 to 36
SLX	250	6-5/8 to 36
SX	350	6-5/8 to 20
SX	500	6-5/8 to 20
SX	750	16 to 20



Single Joint

S	5	2-3/8 to 36
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Slip

Type	Size (in)
Rotary	
SDS	2-3/8 to 4-1/2
SDML	2-3/8 to 5-1/2
SDXL	3-1/2 to 7
B Short / Long	2-3/8 to 4-1/2
XL	3-1/2 to 5
DU Regular / Long	1.900 to 7



Casing	Size (in)
CMSXL	5-1/2 to 30
UC-3	7 to 36



Drill Collar

DCS-S	3 to 4-7/8
DCS-R	4-1/2 to 7
DCS-L	5-1/2 to 14
C-1	3 to 12-3/4
A	3 to 10



Safety Clamp

Type	Size (in)
T	1-1/8 to 4-1/2
C (single screw)	3-3/4 to 15-5/8
C (double screw)	15-1/2 to 20
MP-S	2-7/8 to 5



Type	Size (in)
MP-R	4-1/2 to 10-1/2
MP-M	10-1/2 to 15-7/8
MP-L	15-7/8 to 19-3/8
MP-XL	19-3/8 to 30-1/2



Elevator/Spider

Rating (ton)	Size (in)
200	2-3/8 to 7-5/8



Rating (ton)	Size (in)
350/500/750	4-1/2 to 14
500/750	16 to 24-1/2





OILFIELD EQUIPMENT