

TORQ LITE

SU-XL SERIES
SQUARE DRIVE WRENCH





A time-tested and proven tool design, square drive ratchets offer a cost-efficient option to handle a wide range of bolting make-up and break-out needs.

The SU-XL Series ratchet is a patented design, which increases accuracy and reduces the number of moving parts.

Our standard SU-XL Series tool capacities range from 100 to 60,000 foot pounds of torque using a 10,000 p.s.i. hydraulic pump.

SQUARE DRIVE

Sizes from $\frac{3}{4}$ " to $2\frac{1}{2}$ " work with all standard-size impact sockets. The square drive shifts from make-up to break-out seamlessly, without having to disassemble the tool.

UNIBODY

Eliminates "Pinch Points" and reduces side loading. The completely enclosed drive train assembly allows nothing in or out of the tool during operation.

REACTION MEMBER

All SU-XL series models of 11,000 ft./lbs. or lower are armed with a 360° reversible reaction member that has 48 splines. That gives operators 96 different positions to choose from when looking for proper reaction, increasing safety, and decreasing headaches.

PISTON ROD

The slotted piston rod always maintains a 90° relationship between itself and the nut. This significantly increases accuracy of the tool while simultaneously reducing the number of moving parts it has inside it.

PAWL RELEASE

The anti-reverse pawl inside the tool holds rotational wind-up in order to maintain required torque. The anti-reverse pawl mechanism on either side of the tool body allows manual release of the tool if "binding" occurs.

PATENTED

360° SWIVELS

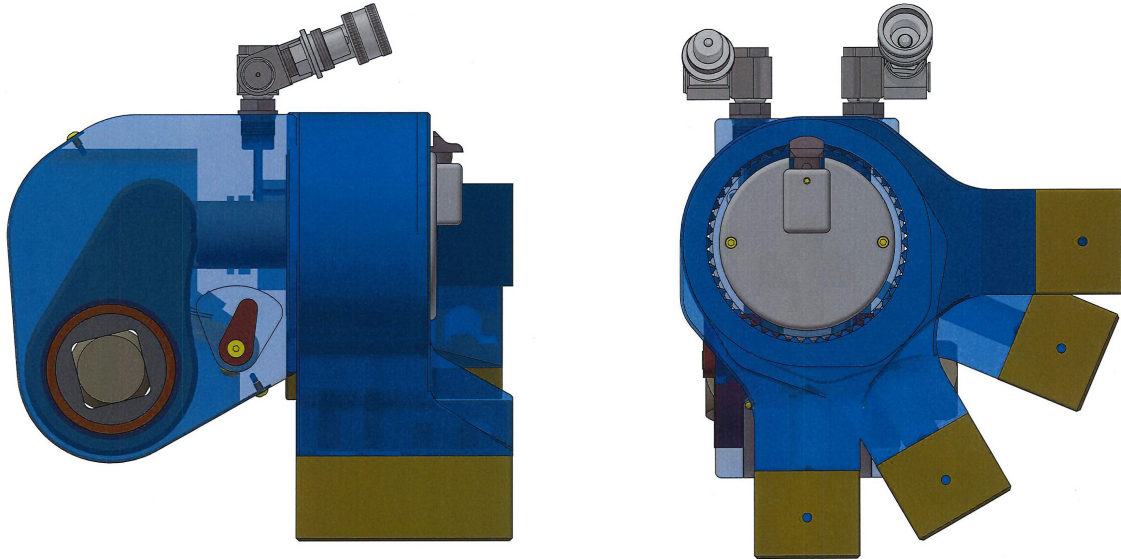
Allow Jose love movement, without hose binding even under pressure. Nickel-plated steel quick connects, with fewer moving parts, moving in every direction you might need them to - a great improvement to other swivels in the industry.

CALIBRATED

Every tool is tested and calibrated to +/- 0.03 accuracy and +/- 0.01 repeatability traceable to N.I.S.T. standards.



SU-XL SERIES



SU-XL SERIES

SQUARE DRIVE

MIN/MAX FT./LBS. @10,000 PSI

MIN/MAX NM @700 BAR

WEIGHT

SU-1XL	¾"	19mm	143/1,382	194/1,874	7 lbs.
SU-3XL	1"	25mm	262/2,921	355/3,960	14 lbs.
SU-6XL	1½"	38mm	564/5,110	765/6,928	21 lbs.
SU-8XL	1½"	38mm	848/8,545	1,150/11,585	31 lbs.
SU-11XL	1½"	38mm	1,038/10,793	1,407/14,633	36 lbs.
SU-20XL	2½"	64mm	1,753/17,934	2,377/24,315	75 lbs.
SU-30XL	2½"	64mm	2,638/25,804	3,577/34,986	91 lbs.
SU-45XL	2½"	64mm	4,400/46,631	5,966/63,223	150 lbs.
SU-60XL	2½"	64mm	5,113/54,905	6,932/74,441	296 lbs

*Weight includes reaction member and square drive.

SU-XL	REACTION	L1	L2	RADIUS	H1	H2	W1	W2	W3
SU-1XL	3.685"	1.567"	5.252"	1.200"	4.100"	5.725"	1.980"	2.730"	2.200"
SU-3XL	5.335"	1.865"	7.200"	1.260"	4.990"	6.615"	2.775"	3.600"	3.172"
SU-6XL	5.460"	2.150"	7.610"	1.725"	6.180"	7.800"	3.140"	4.475"	3.501"
SU-8XL	6.500"	2.040"	6.880"	1.800"	6.770"	8.420"	3.900"	5.350"	4.800"
SU-11XL	6.500"	2.245"	8.745"	2.062"	7.664"	9.290"	3.900"	5.350"	4.982"
SU-20XL	7.525"	3.460"	10.375"	3.000"	9.490"	11.115"	4.950"	7.450"	5.557"
SU-30XL	7.525"	3.460"	10.875"	3.125"	10.375"	12.000"	5.875"	8.375"	5.555"
SU-45XL	7.425"	7.337"	12.537"	3.275"	11.225"	12.600"	5.750"	8.250"	5.500"
SU-60XL	8.781"	5.887"	14.668"	3.750"	14.000"	15.600"	7.250"	9.750"	5.750"





HEADS

IU-1XL HEADS			IU-3XL HEADS			IU-7XL HEADS			IU-10XL HEADS		
ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R
3/4"	1.07"	0.41"	1-1/4"	1.38"	0.35"	2"	1.80"	0.47"	2-3/8"	2.02"	0.45"
1-1/16"	1.18"	0.34"	1-7/16"	1.46"	0.35"	2-3/16"	1.88"	0.47"	2-9/16"	2.15"	0.47"
1-1/4"	1.29"	0.34"	1-5/8"	1.57"	0.35"	2-3/8"	2.02"	0.47"	2-3/4"	2.40"	0.55"
1-7/16"	1.40"	0.34"	1-13/16"	1.70"	0.40"	2-9/16"	2.15"	0.47"	2-15/16"	2.55"	0.50"
1-5/8"	1.51"	0.34"	1-7/8"	1.79"	0.46"	2-3/4"	2.40"	0.55"	3-1/8"	2.62"	0.55"
1-13/16"	1.61"	0.34"	2"	1.79"	0.40"	2-15/16"	2.55"	0.50"	3-1/2"	2.85"	0.85"
2"	1.72"	0.34"	2-3/16"	1.90"	0.40"	3-1/8"	2.62"	0.55"	3-7/8"	3.07"	0.85"
			2-3/8"	1.97"	0.40"	3-1/2"	2.85"	0.63"	4-1/4"	3.26"	0.85"
			2-9/16"	2.12"	0.46"	3-7/8"	3.04"	0.60"			
			2-3/4"	2.24"	0.46"						
			2-15/16"	2.36"	0.46"						

IU-17XL HEADS			IU-25XL HEADS			IU-50XL HEADS		
ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R
2-3/4"	2.50"	0.90"	3-1/2"	2.90"	0.87"	4-5/8"	3.92"	1.25"
2-15/16"	2.62"	0.90"	3-7/8"	3.18"	0.95"	5"	4.13"	1.25"
3-1/8"	2.70"	0.90"	4-1/4"	3.35"	0.90"	5-3/8"	4.35"	1.25"
3-1/2"	2.90"	0.90"	4-5/8"	3.58"	0.90"	5-3/4"	4.57"	1.25"
3-7/8"	3.18"	0.95"	5"	3.85"	0.96"	6-1/8"	4.78"	1.25"
4-1/4"	3.35"	0.96"	5-3/8"	4.10"	1.00"	6-1/2"	5.00"	1.25"
4-5/8"	3.58"	0.96"	5-3/4"	4.32"	1.02"	6-7/8"	5.22"	1.25"
5"	3.90"	1.00"				7-1/4"	5.43"	1.25"
5-3/8"	4.10"	1.00"						





HEADS

IU-1XL HEADS			IU-3XL HEADS			IU-7XL HEADS			IU-10XL HEADS		
ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R
19mm	27mm	10mm	32mm	35mm	9mm	51mm	46mm	12mm	60mm	51mm	11mm
27mm	30mm	9mm	37mm	37mm	9mm	56mm	48mm	12mm	65mm	55mm	12mm
32mm	33mm	9mm	41mm	40mm	9mm	60mm	51mm	12mm	70mm	61mm	14mm
37mm	36mm	9mm	46mm	43mm	10mm	65mm	55mm	12mm	75mm	65mm	13mm
41mm	38mm	9mm	48mm	45mm	12mm	70mm	61mm	14mm	76mm	67mm	16mm
46mm	41mm	9mm	51mm	45mm	10mm	75mm	65mm	13mm	86mm	72mm	24mm
51mm	44mm	9mm	56mm	48mm	10mm	76mm	67mm	16mm	95mm	78mm	24mm
			60mm	50mm	10mm	86mm	72mm	16mm	105mm	83mm	24mm
			65mm	54mm	12mm	95mm	77mm	16mm			
			70mm	57mm	12mm						
			75mm	60mm	12mm						

IU-17XL HEADS			IU-25XL HEADS			IU-50XL HEADS		
ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R
70mm	64mm	23mm	86mm	74mm	24mm	115mm	100mm	33mm
75mm	67mm	23mm	95mm	81mm	26mm	125mm	105mm	33mm
76mm	69mm	25mm	105mm	85mm	25mm	135mm	110mm	33mm
86mm	74mm	25mm	115mm	91mm	25mm	145mm	116mm	32mm
95mm	81mm	26mm	125mm	98mm	25mm	155mm	121mm	32mm
105mm	85mm	26mm	135mm	104mm	26mm	165mm	127mm	32mm
115mm	91mm	26mm	145mm	110mm	28mm	175mm	133mm	32mm
125mm	99mm	26mm				185mm	138mm	32mm
135mm	104mm	26mm						

