



IF IT AIN'T TIGHT - IT AIN'T RIGHT

The background of the advertisement is a photograph of an industrial facility, likely a refinery or chemical plant, during sunset. The sky is filled with orange and yellow clouds, and the sun is low on the horizon. In the foreground, there are several tall, black metal poles with red, dome-shaped warning lights. The industrial structures are made of blue and grey metal, with various pipes and walkways visible. A large, cylindrical tank is prominent on the right side of the image.

**INDUSTRIAL  
TOOL RENTAL & SERVICES**

# ABOUT US

## THE LEADER IN BOLTING TOOL PROCUREMENT AND SALES

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Whether it is your next shutdown, turnaround, or outage, at USATORC, we are dedicated to bringing you quality equipment at a price that's right for your projects budget. Our application specialists will work closely with your project management team to properly assess your safety and budgetary concerns; to decide which tool(s) are the ideal fit for the application.

USA Torc is locally owned and operated since 2015 and has an 8000 sq/ft facility stocked with all your bolting needs. Our continuous growth has enabled us to keep our rental equipment new, eliminating down time from equipment failures. We pride ourselves in unmatched customer service and 20 years of experience within the upstream and downstream sectors.

# RENTALS

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8,000 Sq. Ft Of New Product Inventory Available At Our Pasadena Facility.

Per Contract Requirements Inventory Can Be Supplied At Facility As Well On Site.

Tools Are Always Supplied With Calibration Certification By Our Trained Personnel.

## INVENTORY INCLUDES

- Hydraulic Wrenches
  - Square Drive
  - Low Clearance
- Tensioners
- Pneumatic Rad Gun
- Hand Torque Wrenches
- Torque Multipliers
- Impact Guns
- Impact Sockets
- Back-up Wrenches
- Flange Spreaders
- Flange Alignment Tools
- Stud Pullers
- Nut Splitters
- Specialty Bolting Tools
- Pneumatic Hydraulic Pumps
- Hydraulic Hoses
- Calibrated Gauges

# SERVICES

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## CALIBRATION LAB

- NORBAR calibration system
- Every tool calibrated and certified before it leaves the shop
- Continuous calibration through service life of the tools
- Tool calibration exceeds ISO 9001-17025 requirements

## REPAIR SHOP

- Fully stocked and manned shop
- Offering quick turnaround on USA TORC tool repairs drastically reducing downtime
- Electronic inventory control system on all tools and pumps

## SUPPORT

- Repairs available 24/7
- Tool exchange
- Hot shot service provided

## TRAINING

- Training offered at our facility or on-site
- ASME PCC-1 Certification

# HYDRAULIC WRENCHES

## SQUARE DRIVE



- Working Pressure 10000 Psi Max
- Constantly Repeatable Accuracy  $\pm 3\%$
- 360°uni Swivel Quick Release Couplings
- Easy Replaceable Square And Hexagon Drive Adapters
- Body Shroud Engraved With Torque Pressure Chart
- Suitable For Continuous Operation At Maximum Pressure
- Heavy Duty Aluminum-titanium Composite Light Body
- 360°Adjustable Reaction Arm With Safety Lock Feature

Type	Square Drive	Torque (ft. lbs.)		Weight (lbs.)	Dimension (inch)							
		Min	Max		L1	L2	H1	H2	H3	H4	R1	R2
1 ATWS	3/4"	134	1344	5.5	5.35	7.32	1.97	3.15	3.84	5.16	1.02	3.90
3 ATWS	1"	328	3278	11	6.69	9.61	2.68	4.13	5.04	8.11	1.34	5.35
5 ATWS	1½"	547	5470	18	8.03	11.22	3.15	5.20	5.98	9.06	1.61	5.91
8 ATWS	1½"	783	7831	24	8.66	12.32	3.54	5.59	6.57	9.61	1.85	6.89
10 ATWS	1½"	1127	11272	33	9.65	13.86	4.06	6.10	7.09	10.24	2.01	7.19
20 ATWS	2½"	1937	19370	58	11.93	17.72	4.72	7.44	8.74	11.81	2.40	10.04
25 ATWS	2½"	2523	25226	77	12.72	1579	5.39	7.99	9.72	11.69	2.60	7.83
35 ATWS	2½"	3535	35354	110	14.67	18.33	6.02	8.58	11.10	13.07	3.03	9.53



# HYDRAULIC WRENCHES

## LOW CLEARANCE



- Repeatability  $\pm 3\%$
- Working Pressure 10000 Psi Max
- 5 Different Models From 170 ft. lbs. To 32819 ft. lbs.
- 360°uni Swivel Quick Release Couplings
- Maximum Torque Power With Minimum Wall Thickness
- Various Cassettes, adapters And Reducers Are Available
- Durable Structure, aluminum-titanium Alloy Drive Cylinder
- Suitable For Continuous Operation At Maximum Pressure
- Pressure Relief Valve Prevents Over Pressure



Type	sw (inch)	Torque (ft.lbs)		Drive Cylinder ( lbs )	Cassettes ( lbs )	Dimension (inch)						
		Min	Max			L	H1	H2	W1	W2	A	R
<b>2LOW</b>	7/8" ~ 2-3/16"	170	~ 1,696	2.20	3.52	7.69	4.96	4.03	1.26	2.01	0.39-0.63	1.06-1.69
	2-3/8"	177	~ 1,770	2.20	3.74	7.69	5.06	4.14	1.26	2.01	0.43	1.81
<b>4LOW</b>	1-1/4" ~ 2-9/16"	431	~ 4,314	4.40	9.68	10.15	6.97	5.35	1.65	2.60	0.55-0.63	1.42-2.09
	2-3/4" ~ 3-1/8"	476	~ 4,775	4.40	10.12	10.35	7.37	5.74	1.65	2.60	0.59	2.2-2.4
<b>8LOW</b>	1-7/16" ~ 3-11/16"	808	~ 8,068	7.26	17.60	11.96	8.16	6.66	2.09	3.27	0.63-0.87	1.81-2.36
	3-7/8" ~ 4-1/4"	867	~ 8,864	7.26	18.48	11.96	8.51	7.01	2.09	3.27	0.67	2.95-3.07
<b>14LOW</b>	2" ~ 4-5/8"	1,364	~ 13,644	12.10	25.52	14.25	9.42	8.04	2.52	3.90	0.75-1.22	2.36-3.43
<b>30LOW</b>	2-3/8" ~ 6-1/8"	3,083	~ 30,828	25.08	63.80	16.57	11.94	10.72	3.35	5.16	0.98-1.14	3.03-4.53
	6-1/2" ~ 6-7/8"	3,282	~ 32,819	25.08	66.00	17.05	12.41	11.23	3.35	5.16	1.06-1.42	4.8-5.04

# 10K HYDRAULIC PUMP

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## QUALITY MEANS LOWER LIFE-CYCLE COSTS

- OVER 100,000 CYCLES
- CONTINUOUS DUTY UP TO 122 F
- PROVE DESIGN = PROVEN RELIABILITY

## DESIGNED WITH SAFETY IN MIND

- EASILY ADJUSTED PRESS. REGULATOR
- FIXED 1500 PSI RETRACT RELIEF VALVE

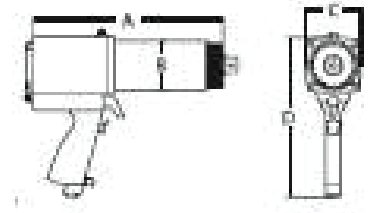
## ENHANCED USABILITY

- LIGHT WEIGHT AND PORTABLE
- REMOVABLE CONTROL PENDANT
- 4 PORT MANIFOLD

# PNEUMATIC RAD GUN

## RAD HIGH SPEED

RAD High Speed torque wrenches incorporate a precision-engineered high-speed gearbox designed for faster run down and quick reaction point positioning on time sensitive bolting applications.



The two-speed models feature a unique full automatic gearbox design, eliminating the time consuming switch between high and low speed gear.

### FRL Unit:

- Low weight tool holder made from high-density aluminum
- Includes pressure gauge, filter, regulator and lubricator



TOOL MODEL	TORQUE RANGE	RPM
350SL	50-350 ft/lbs.	65
7GX	100-700 ft/lbs.	30
10GX	200-1000 ft/lbs.	20
15DX	300-1500 ft/lbs.	10
25GX	500-2500 ft/lbs.	9
30DX	900-3000 ft/lbs.	8
34GX	1000-3400 ft/lbs.	12
50DX	1500-5000 ft/lbs.	6.6
60DX	2000-6000 ft/lbs.	6.6
80DX	2500-8000 ft/lbs.	4
110DX	4000-11000 ft/lbs.	3



# TENSIONERS

## SPRING RETURN



- **Capacity:**  
69,016 – 1,893,566 lbf
- **Available bolt sizes:**  
3/4" – 6-1/4" (thread)
- **Max operating pressure:**  
10000 - 21756 psir
- **Automatic spring return**
- **Over-stroke protection**
- **One model is suitable to several specifications.**
- **Superior to other forms of tensile implements**
- **Applicable for hand and electric pump**

Type	Usable Bolt (inch. thread)	Max Loading (lbf)	Dimension (inch)						Stroke (inch)	Weight (lbs)
			A	B	C	D	E	F		
HTS0	3/4	69,016	4.29	2.17	0.91	0.98	4.37	5.04	.315	11,0
	13/16			2.36	0.98	1.06	4.45	5.12		
	7/8			2.60	1.06	1.14	4.53	5.20		
HTS1	1	109,257	4.29	2.83	1.18	1.26	4.65	5.31	.394	15,4
	1-1/8			3.15	1.30	1.38	4.96	5.67		
	1-1/4			3.35	1.42	1.50	5.08	5.79		
HTS2	1-3/8	182,994	5.20	3.54	1.54	1.61	5.20	5.91	.472	22,0
	1-1/4			3.35	1.42	1.73	5.31	5.91		
	1-3/8			3.78	1.69	1.69	5.28	5.87		
HTS3	1-1/2	222,336	5.91	3.86	1.65	1.97	5.55	6.14	.394	33,1
	1-5/8			4.13	1.77	2.09	5.67	6.26		
	1-1/2			4.33	1.65	1.65	5.35	5.91		
HTS4	1-5/8	317,655	6.85	4.45	2.09	2.20	5.91	6.46	.472	44,1
	1-3/4			4.49	1.97	1.97	5.67	6.34		
	1-7/8			4.65	2.05	2.05	5.75	6.42		
HTS5	2	370,710	7.80	5.20	2.17	2.20	6.06	6.85	.472	55,1
	2-1/4			5.31	2.32	2.36	6.22	7.01		
	2-1/4			5.31	2.32	2.36	6.34	7.05		
HTS6	2-3/8	479,068	8.74	5.63	2.52	2.52	6.50	7.20	.472	77,2
	2-1/2			5.91	2.68	2.68	6.65	7.36		
	2-3/4			6.22	2.83	2.83	6.81	7.52		
HTS7	3	571,914	9.92	6.50	2.99	2.99	7.24	8.15	.472	110,2
	3-1/8			6.69	3.15	3.15	7.40	8.31		
	3-1/8			6.69	3.15	3.15	7.64	8.70		
HTS8	3-1/4	697,133	11.10	6.89	3.35	3.35	7.83	8.90	.472	143,3
	3-3/8			7.48	2.99	3.35	7.83	8.90		
	3-1/2			8.07	3.74	3.74	8.23	9.29		
HTS9	3-3/4	852,476	12.52	8.46	3.94	3.94	8.43	9.57	.472	187,4
	4			9.25	4.13	4.13	8.62	9.76		
	4-1/8			9.45	4.33	4.33	8.82	10.00		
HTS10	4-1/4	1,101,564	14.17	9.25	4.53	4.72	9.21	10.39	.472	242,5
	4-1/2			10.24	4.72	4.72	9.21	10.39		
	4-1/2			10.24	4.72	4.72	10.28	11.69		
HTS11	4-3/4	1,406,180	16.06	10.63	4.92	4.92	10.47	11.89	.472	286,6
	5			11.26	5.51	5.12	10.67	12.09		
	5-1/8			11.22	5.31	5.31	10.87	12.28		
HTS12	5-1/4	1,893,566	17.95	11.50	5.51	5.51	11.06	12.48	.472	330,7
	5-1/2			11.81	5.71	5.71	11.26	12.68		
	5-3/4			12.28	6.50	6.10	11.65	13.07		
HTS12	5-3/4	1,893,566	17.95	12.28	5.91	5.91	11.85	13.27	.472	330,7
	6			12.60	6.10	6.10	12.05	13.46		
	6-1/4			13.39	6.30	6.50	12.44	13.86		

# STUDPULLER



- Lightweight - ease of use
- Tested to 8,000 ft/lbs of torque  
virtually impossible to break tool
- Made of billet aluminum - stronger than cast
- Anodized tool body - durable
- Salt bath nitride of sleeve and cage  
smooth hard finish provides less friction
- Patent pending sleeve can be inverted  
removes and installs studs
- Jaws hardened to rc50  
jaws harder than most studs
- Creates no side-loading  
reduces mechanical bind

Tool	Standard Size Stud	Metric Size Stud	Drive Size
	0.75" to 1.125"	M20 to M28	0.75" - 1.00"
	1.25" to 1.625"	M30 to M42	1.00" - 1.50"
	1.75" to 2.25"	M45 to M58	1.00" - 1.50"
	2.50" to 3.00"	M64 to M82	1.50" - 2.50"



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