

RTX-30 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RTX-30 hydraulic torque wrench.

Atlas Copco

1 Find the closest torque value for your application, either in ft-lbs or in Nm.

2 Set the pressure on the pump that corresponds to the torque value.

FOOT-POUNDS

PSI	FT.LB.	PSI	FT.LB.
1500	4770	5800	18444
1600	5088	6000	19080
1800	5724	6200	19716
2000	6360	6400	20352
2200	6996	6600	20988
2400	7632	6800	21624
2600	8268	7000	22260
2800	8904	7200	22896
3000	9540	7400	23532
3200	10176	7600	24168
3400	10812	7800	24804
3600	11448	8000	25440
3800	12084	8200	26076
4000	12720	8400	26712
4200	13356	8600	27348
4400	13992	8800	27984
4600	14628	9000	28620
4800	15264	9200	29256
5000	15900	9400	29892
5200	16536	9600	30528
5400	17172	9800	31164
5600	17808	10000	31800

NEWTON-METERS

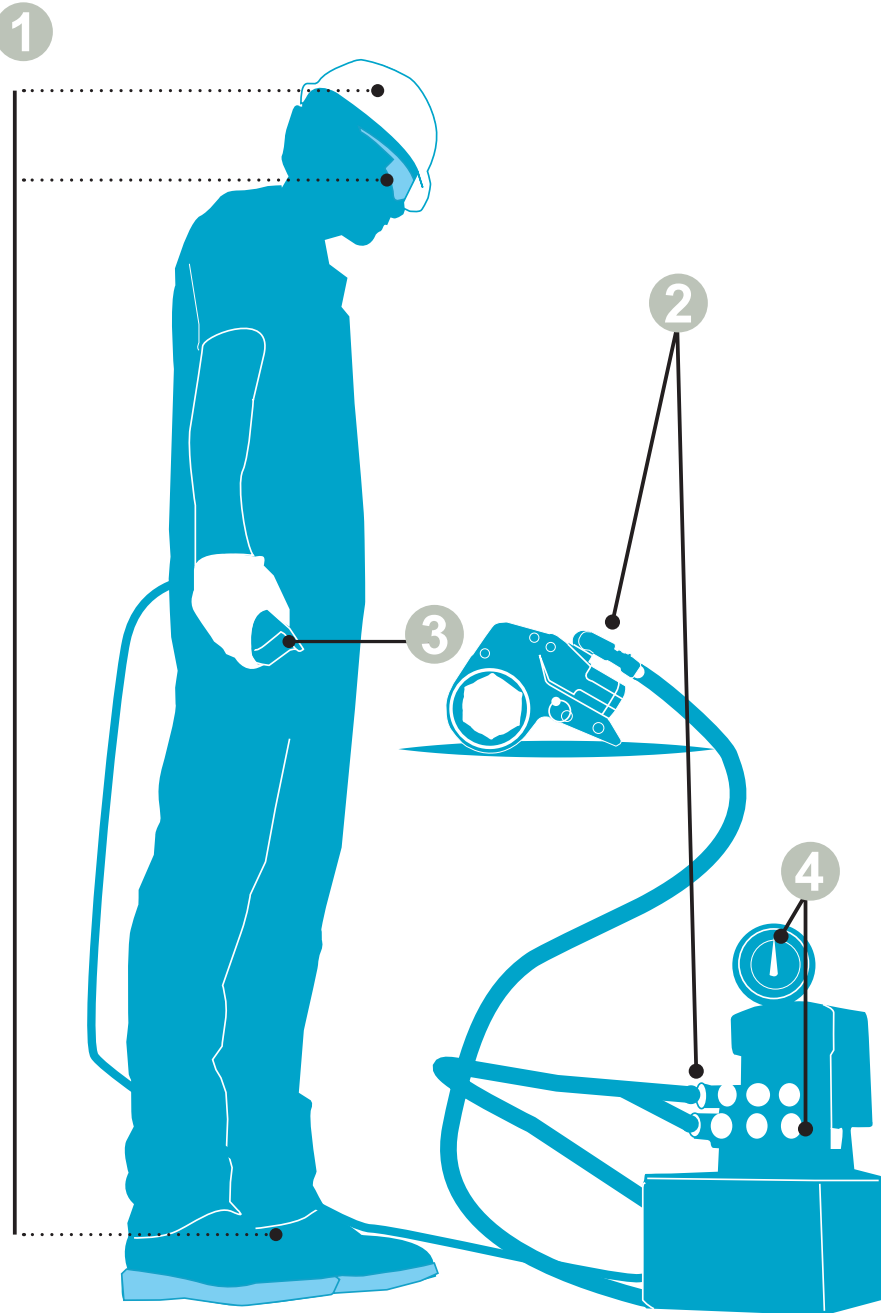
BAR	NM	BAR	NM
104	6467	400	25007
110	6898	414	25869
124	7761	427	26731
138	8623	441	27594
152	9485	455	28456
165	10348	468	29318
179	11210	482	30181
193	12072	496	31043
207	12935	510	31905
220	13797	524	32767
234	14659	538	33630
248	15521	552	34492
262	16384	565	35354
276	17246	579	36217
290	18108	593	37079
303	18971	607	37941
317	19833	620	38804
331	20695	634	39666
345	21558	648	40528
358	22420	662	41390
372	23282	676	42253
386	24144	690	43115

The above torque values are only applicable when using a calibrated RTX-30 hydraulic torque wrench powered by a 10,000 psi pump fitted with a calibrated class 1 gauge.

QUICK SETUP GUIDE

Setting up your hydraulic torque wrench for use is easy. Please read the included user manual and safety instruction booklet for additional guidelines.

FOUR BASIC STEPS TO OPERATE YOUR RTX-30



1 WEAR PPE

Wear personal protective equipment, such as eyeglasses and steel-toe shoes.

2 CONNECT HOSES

Make sure the hoses are free of any defects. The couplers are on pump and the tool should be securely connected. Place tool on flat surface.

3 CYCLE YOUR TOOL

Turn pump on. Cycle the tool. Press the “**ON**” button on the remote, hold until tool clicks. Release, wait for the tool to click. Repeat the cycle. Ensure there is no leak.

4 SET PRESSURE

Use the torque conversion chart to set the psi for the torque you need. Press the remote’s “**ON**” button and slowly turn the pressure regulator clockwise to reach the right pressure.



Scan the code to see a brief overview video on how to use the document or go to rapidtorc.com/torque_setup