

RTX-8 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RTX-8 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	1223	5800	4728
1600	1304	6000	4891
1800	1467	6200	5054
2000	1630	6400	5217
2200	1793	6600	5380
2400	1956	6800	5543
2600	2119	7000	5706
2800	2282	7200	5869
3000	2445	7400	6032
3200	2608	7600	6195
3400	2771	7800	6358
3600	2934	8000	6521
3800	3097	8200	6684
4000	3260	8400	6847
4200	3423	8600	7010
4400	3586	8800	7173
4600	3749	9000	7336
4800	3912	9200	7499
5000	4076	9400	7662
5200	4239	9600	7825
5400	4402	9800	7988
5600	4565	10000	8151

NEWTON-METERS

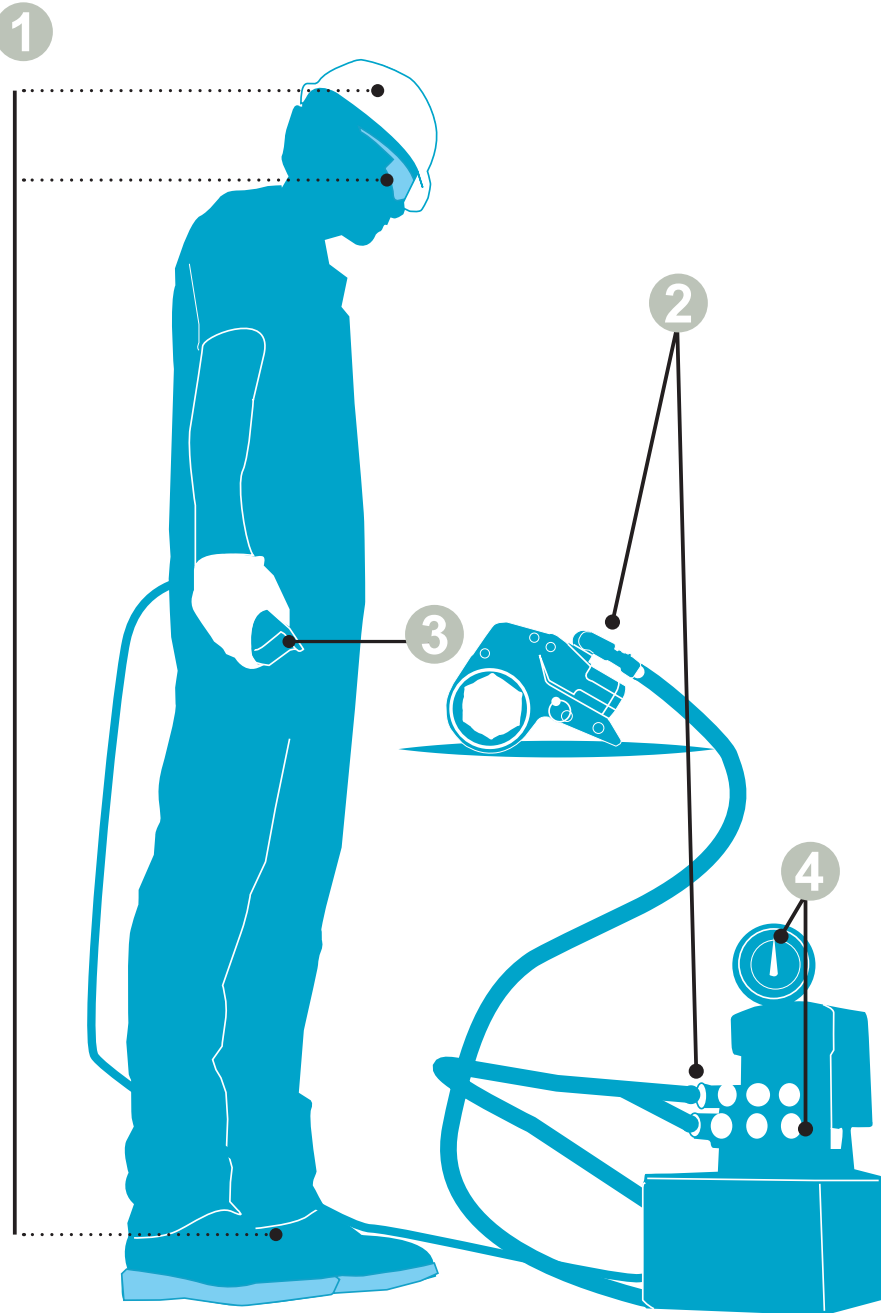
BAR	NM	BAR	NM
104	1658	400	6410
110	1768	414	6631
124	1989	427	6852
138	2210	441	7073
152	2431	455	7294
165	2652	468	7515
179	2873	482	7736
193	3094	496	7957
207	3315	510	8178
220	3536	524	8399
234	3757	538	8620
248	3978	552	8841
262	4199	565	9062
276	4421	579	9283
290	4642	593	9504
303	4863	607	9725
317	5084	620	9946
331	5305	634	10167
345	5526	648	10388
358	5747	662	10609
372	5968	676	10830
386	6189	690	11051

The above torque values are only applicable when using a calibrated RTX-8 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-8



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