

RTX-18 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RTX-18 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	2861	5800	11063
1600	3052	6000	11444
1800	3433	6200	11826
2000	3815	6400	12207
2200	4196	6600	12589
2400	4578	6800	12970
2600	4959	7000	13352
2800	5341	7200	13733
3000	5722	7400	14115
3200	6104	7600	14496
3400	6485	7800	14878
3600	6867	8000	15259
3800	7248	8200	15641
4000	7630	8400	16022
4200	8011	8600	16404
4400	8393	8800	16785
4600	8774	9000	17167
4800	9156	9200	17548
5000	9537	9400	17930
5200	9918	9600	18311
5400	10300	9800	18693
5600	10681	10000	19074

NEWTON-METERS

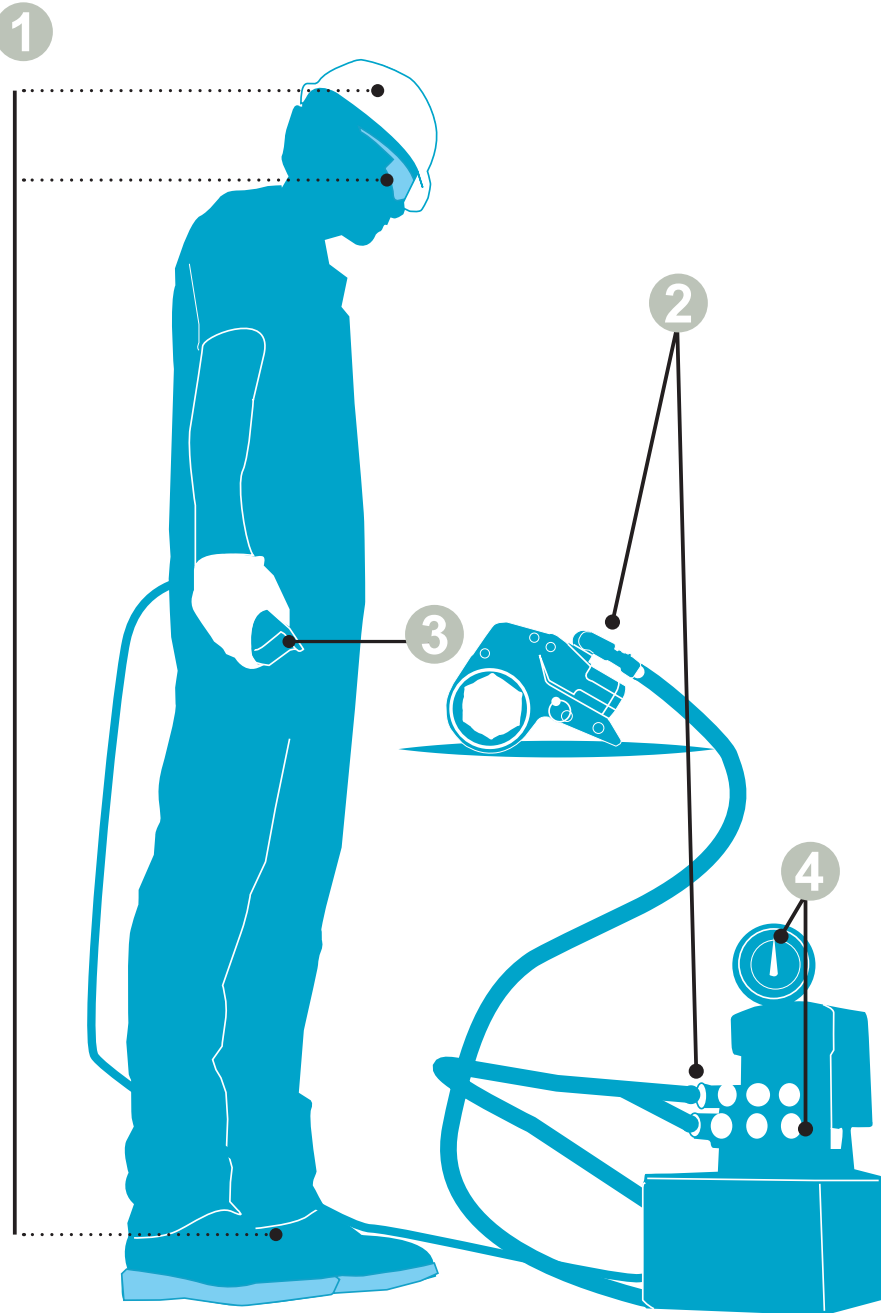
BAR	NM	BAR	NM
104	3879	400	14999
110	4138	414	15517
124	4655	427	16034
138	5172	441	16551
152	5689	455	17068
165	6207	468	17585
179	6724	482	18103
193	7241	496	18620
207	7758	510	19137
220	8275	524	19654
234	8793	538	20171
248	9310	552	20689
262	9827	565	21206
276	10344	579	21723
290	10862	593	22240
303	11379	607	22758
317	11896	620	23275
331	12413	634	23792
345	12930	648	24309
358	13448	662	24826
372	13965	676	25344
386	14482	690	25861

The above torque values are only applicable when using a calibrated RTX-18 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-18



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