

RTX-14 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RTX-14 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	2010	5800	7772
1600	2144	6000	8040
1800	2412	6200	8308
2000	2680	6400	8576
2200	2948	6600	8844
2400	3216	6800	9112
2600	3484	7000	9380
2800	3752	7200	9648
3000	4020	7400	9916
3200	4288	7600	10184
3400	4556	7800	10452
3600	4824	8000	10720
3800	5092	8200	10988
4000	5360	8400	11256
4200	5628	8600	11524
4400	5896	8800	11792
4600	6164	9000	12060
4800	6432	9200	12328
5000	6700	9400	12596
5200	6968	9600	12864
5400	7236	9800	13132
5600	7504	10000	13400

NEWTON-METERS

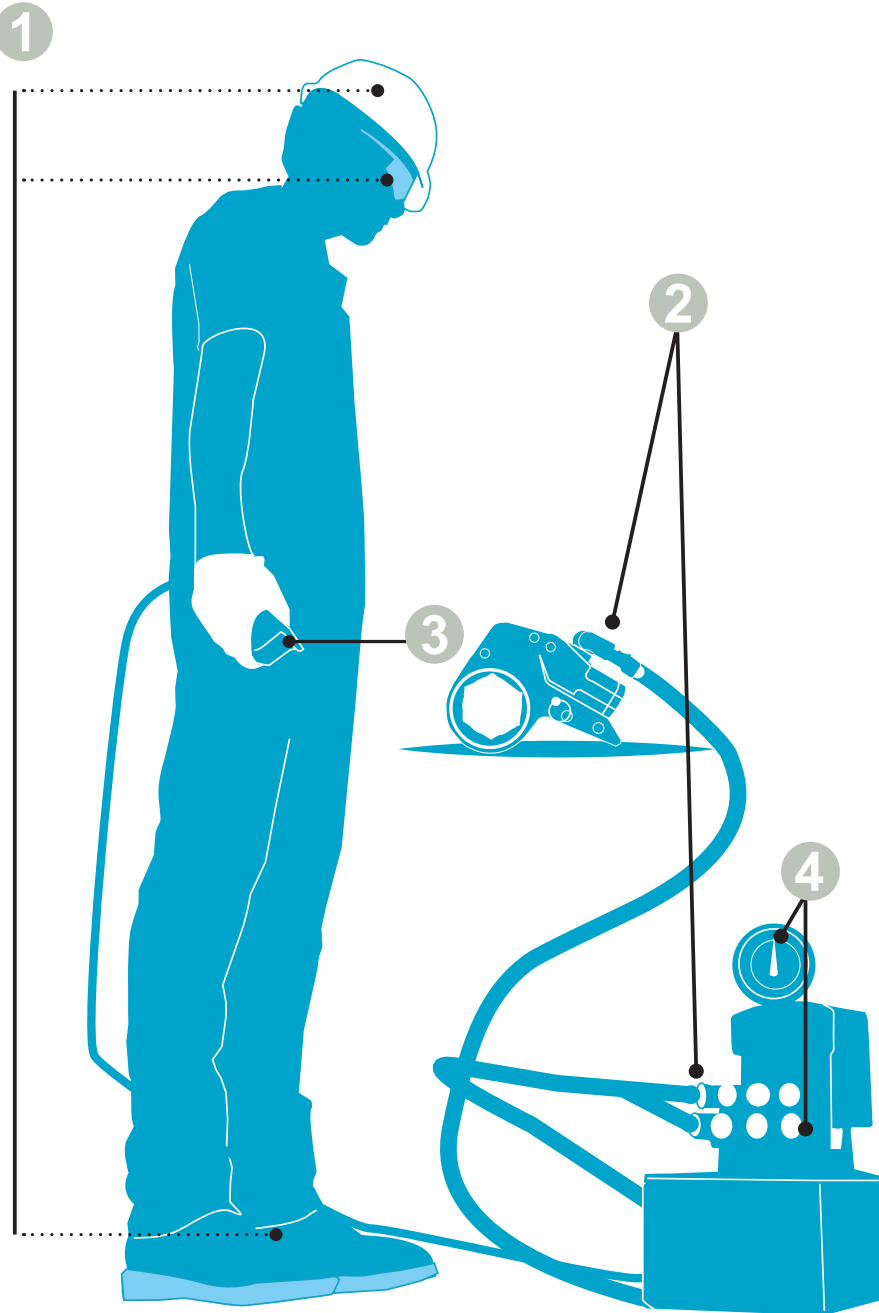
BAR	NM	BAR	NM
104	2725	400	10537
110	2907	414	10901
124	3270	427	11264
138	3634	441	11627
152	3997	455	11991
165	4360	468	12354
179	4724	482	12718
193	5087	496	13081
207	5450	510	13444
220	5814	524	13808
234	6177	538	14171
248	6540	552	14534
262	6904	565	14898
276	7267	579	15261
290	7631	593	15624
303	7994	607	15988
317	8357	620	16351
331	8721	634	16715
345	9084	648	17078
358	9447	662	17441
372	9811	676	17805
386	10174	690	18168

The above torque values are only applicable when using a calibrated RTX-14 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-14



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