

RT-10 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RT-10 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	1728	5800	6682
1600	1843	6000	6912
1800	2074	6200	7142
2000	2304	6400	7373
2200	2534	6600	7603
2400	2765	6800	7834
2600	2995	7000	8064
2800	3226	7200	8294
3000	3456	7400	8525
3200	3686	7600	8755
3400	3917	7800	8986
3600	4147	8000	9216
3800	4378	8200	9446
4000	4608	8400	9677
4200	4838	8600	9907
4400	5069	8800	10138
4600	5299	9000	10368
4800	5530	9200	10598
5000	5760	9400	10829
5200	5990	9600	11059
5400	6221	9800	11290
5600	6451	10000	11520

NEWTON-METERS

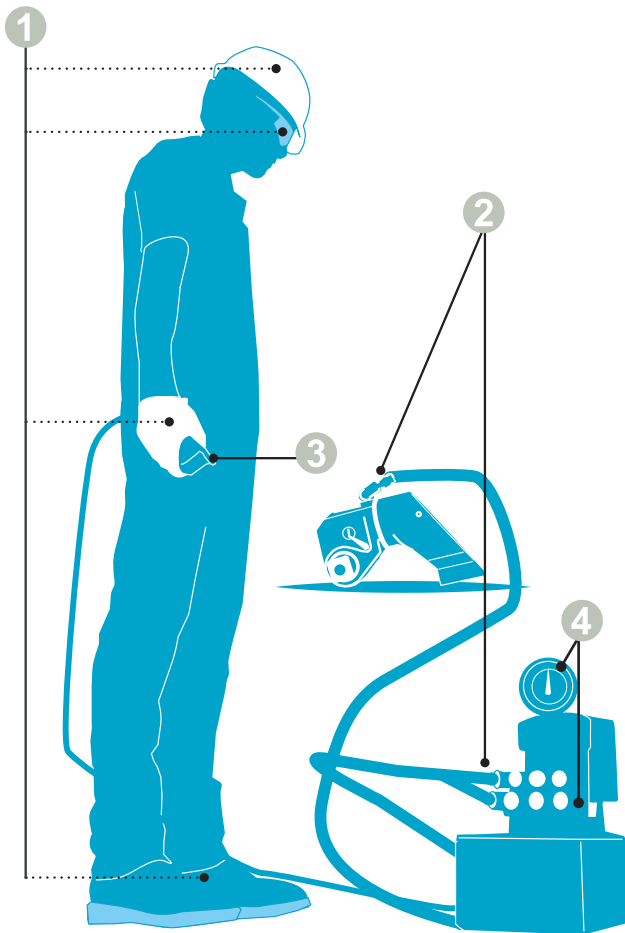
BAR	NM	BAR	NM
104	2343	400	9059
110	2499	414	9371
124	2811	427	9684
138	3124	441	9996
152	3436	455	10309
165	3749	468	10621
179	4061	482	10933
193	4373	496	11246
207	4686	510	11558
220	4998	524	11870
234	5310	538	12183
248	5623	552	12495
262	5935	565	12808
276	6248	579	13120
290	6560	593	13432
303	6872	607	13745
317	7185	620	14057
331	7497	634	14370
345	7810	648	14682
358	8122	662	14994
372	8434	676	15307
386	8747	690	15619

The above torque values are only applicable when using a calibrated RT-10 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 RT-10



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