

RT-3 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RT-3 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	485	5800	1873
1600	517	6000	1938
1800	581	6200	2003
2000	646	6400	2067
2200	711	6600	2132
2400	775	6800	2196
2600	840	7000	2261
2800	904	7200	2326
3000	969	7400	2390
3200	1034	7600	2455
3400	1098	7800	2519
3600	1163	8000	2584
3800	1227	8200	2649
4000	1292	8400	2713
4200	1357	8600	2778
4400	1421	8800	2842
4600	1486	9000	2907
4800	1550	9200	2972
5000	1615	9400	3036
5200	1680	9600	3101
5400	1744	9800	3165
5600	1809	10000	3230

NEWTON-METERS

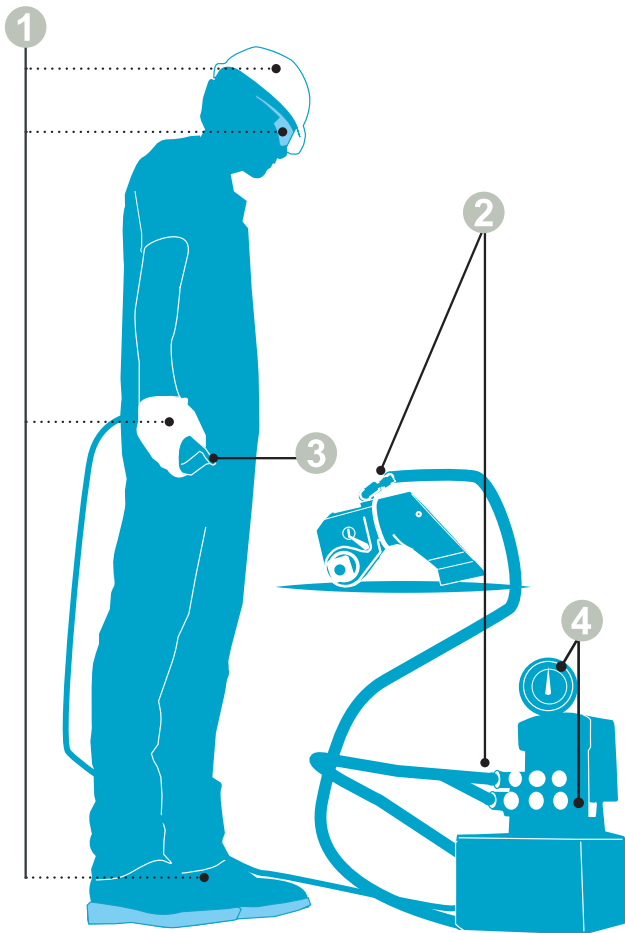
BAR	NM	BAR	NM
104	657	400	2540
110	701	414	2628
124	788	427	2715
138	876	441	2803
152	963	455	2890
165	1051	468	2978
179	1139	482	3066
193	1226	496	3153
207	1314	510	3241
220	1401	524	3328
234	1489	538	3416
248	1577	552	3503
262	1664	565	3591
276	1752	579	3679
290	1839	593	3766
303	1927	607	3854
317	2014	620	3941
331	2102	634	4029
345	2190	648	4117
358	2277	662	4204
372	2365	676	4292
386	2452	690	4379

The above torque values are only applicable when using a calibrated RT-3 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-3



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