

RT-8 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RT-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	1200	5800	4640
1600	1280	6000	4800
1800	1440	6200	4960
2000	1600	6400	5120
2200	1760	6600	5280
2400	1920	6800	5440
2600	2080	7000	5600
2800	2240	7200	5760
3000	2400	7400	5920
3200	2560	7600	6080
3400	2720	7800	6240
3600	2880	8000	6400
3800	3040	8200	6560
4000	3200	8400	6720
4200	3360	8600	6880
4400	3520	8800	7040
4600	3680	9000	7200
4800	3840	9200	7360
5000	4000	9400	7520
5200	4160	9600	7680
5400	4320	9800	7840
5600	4480	10000	8000

NEWTON-METERS

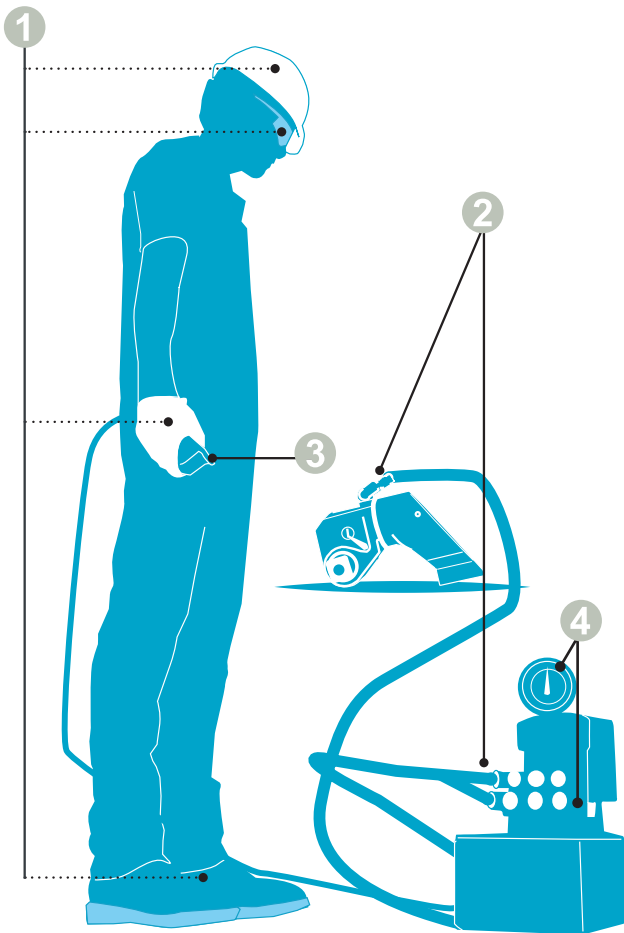
BAR	NM	BAR	NM
104	1627	400	6291
110	1735	414	6508
124	1952	427	6725
138	2169	441	6942
152	2386	455	7159
165	2603	468	7376
179	2820	482	7593
193	3037	496	7810
207	3254	510	8026
220	3471	524	8243
234	3688	538	8460
248	3905	552	8677
262	4122	565	8894
276	4339	579	9111
290	4556	593	9328
303	4772	607	9545
317	4989	620	9762
331	5206	634	9979
345	5423	648	10196
358	5640	662	10413
372	5857	676	10630
386	6074	690	10847

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