

RT-50 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RT-50 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	7875	5800	30450
1600	8400	6000	31500
1800	9450	6200	32550
2000	10500	6400	33600
2200	11550	6600	34650
2400	12600	6800	35700
2600	13650	7000	36750
2800	14700	7200	37800
3000	15750	7400	38850
3200	16800	7600	39900
3400	17850	7800	40950
3600	18900	8000	42000
3800	19950	8200	43050
4000	21000	8400	44100
4200	22050	8600	45150
4400	23100	8800	46200
4600	24150	9000	47250
4800	25200	9200	48300
5000	26250	9400	49350
5200	27300	9600	50400
5400	28350	9800	51450
5600	29400	10000	52500

NEWTON-METERS

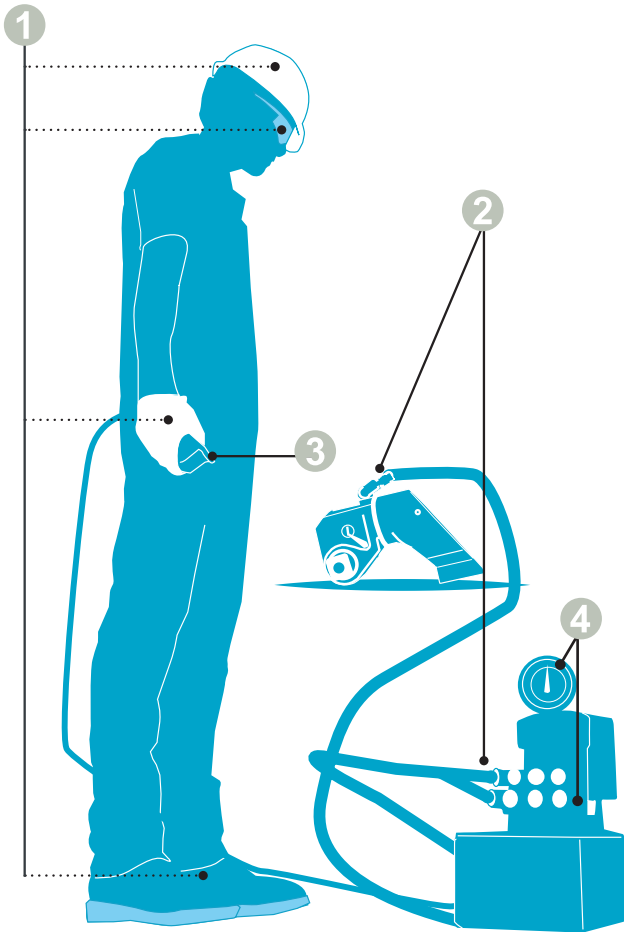
BAR	NM	BAR	NM
104	10677	400	41285
110	11389	414	42708
124	12812	427	44132
138	14236	441	45555
152	15660	455	46979
165	17083	468	48403
179	18507	482	49826
193	19931	496	51250
207	21354	510	52674
220	22778	524	54097
234	24201	538	55521
248	25625	552	56944
262	27049	565	58368
276	28472	579	59792
290	29896	593	61215
303	31319	607	62639
317	32743	620	64062
331	34167	634	65486
345	35590	648	66910
358	37014	662	68333
372	38437	676	69757
386	39861	690	71180

The above torque values are only applicable when using a calibrated RT-50 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-50



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