

RTX-4 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RTX-4 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	578	5800	2236
1600	617	6000	2313
1800	694	6200	2390
2000	771	6400	2467
2200	848	6600	2544
2400	925	6800	2621
2600	1002	7000	2699
2800	1079	7200	2776
3000	1157	7400	2853
3200	1234	7600	2930
3400	1311	7800	3007
3600	1388	8000	3084
3800	1465	8200	3161
4000	1542	8400	3238
4200	1619	8600	3315
4400	1696	8800	3392
4600	1773	9000	3470
4800	1850	9200	3547
5000	1928	9400	3624
5200	2005	9600	3701
5400	2082	9800	3778
5600	2159	10000	3855

NEWTON-METERS

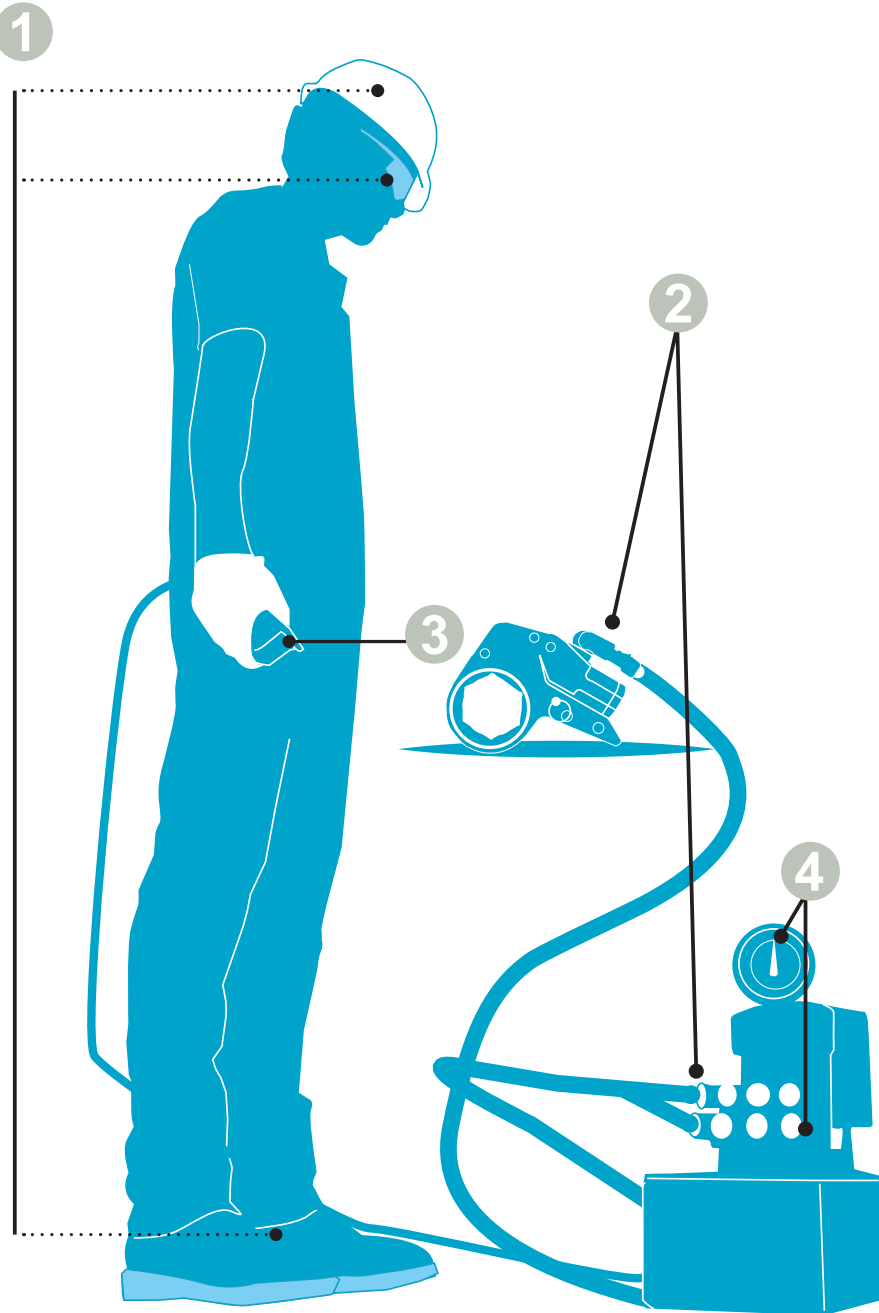
BAR	NM	BAR	NM
104	784	400	3031
110	836	414	3136
124	941	427	3241
138	1045	441	3345
152	1150	455	3450
165	1254	468	3554
179	1359	482	3659
193	1463	496	3763
207	1568	510	3868
220	1673	524	3972
234	1777	538	4077
248	1882	552	4181
262	1986	565	4286
276	2091	579	4390
290	2195	593	4495
303	2300	607	4599
317	2404	620	4704
331	2509	634	4809
345	2613	648	4913
358	2718	662	5018
372	2822	676	5122
386	2927	690	5227

The above torque values are only applicable when using a calibrated RTX-4 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-4



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