

HYTORC AVANTI-5 TORQUE CHART

Pressure	Torque Range	Pressure
PSI	Nm	Bar
1500	1090	104
1600	1163	110
1800	1308	124
2000	1453	138
2200	1599	152
2400	1744	165
2600	1889	179
2800	2034	193
3000	2180	207
3200	2325	220
3400	2470	234
3600	2616	248
3800	2761	262
4000	2906	276
4200	3052	290
4400	3197	303
4600	3342	317
4800	3488	331
5000	3633	345
5200	3778	358
5400	3924	372
5600	4069	386
5800	4214	400
6000	4360	414
6200	4505	427
6400	4650	441
6600	4796	455
6800	4941	468
7000	5086	482
7200	5232	496
7400	5377	510
7600	5522	524
7800	5667	538
8000	5813	552
8200	5958	565
8400	6103	579
8600	6249	593
8800	6394	607
9000	6539	620
9200	6685	634
9400	6830	648
9600	6975	662
9800	7121	676
10000	7266	690



YOU MIGHT ALSO BE INTERESTED IN THESE HYTORC TORQUE WRENCHES:



ICE



MXT



EDGE



STEALTH



VERSA



XLCT



**YOUR EXPERT PARTNER
IN BOLTING SOLUTIONS**

- ▮ Hydraulic torque wrenches
- ▮ Pneumatic torque wrenches
- ▮ Battery torque wrenches
- ▮ Electric torque wrenches
- ▮ Tensioning tools
- ▮ Hand torque tools
- ▮ Torque reaction arms and balancers
- ▮ Torque measurement and calibration instruments
- ▮ Impact sockets and accessories
- ▮ Hydraulic cylinders
- ▮ Flange tools
- ▮ Material removal tools

- ▮ Sales
- ▮ Rental
- ▮ Maintenance
- ▮ Calibrating
- ▮ Consulting
- ▮ Training

HYTORC AVANTI-5

SAFETY INSTRUCTIONS

Your HYTORC torque machine is a power tool, and as with any power tool, certain safety precautions should be observed to avoid accidents or personal injury. The following tips will assist you.

I Read all instructions and make sure your tool has been properly serviced and calibrated

I Consider work area environment

Make sure your work area is clean and well lit. Electrical pumps should never be used in an atmosphere which can be considered potentially volatile. If there is any doubt, use an air pump. Also Note: metal to metal contact can cause sparks precautions should be taken.

I Avoid premature tool starting

The pump remote control is for the tool operator only.

I Stay clear during operation

In most cases, the tool will allow "hands free" operation. If the tool must be held or steadied during operation, use alternative means of securing the tool to the application.

I Guard against electric shock

Ensure the pump is properly grounded and the proper voltage is being used.

I Store idle tools

When not in use, tools and accessories should be properly stored to avoid deterioration.

I Use right tool

Don't force small tools or attachments to do the job of a larger tool. Don't use a tool for purposes not intended.

I Proper safety attire

When handling/operating hydraulic equipment use work gloves, safety glasses, hard hats, safety shoes and other applicable clothing.

I Moving equipment

Do not use hydraulic hoses, uni-swivels, pump power or remote cords as means of moving the equipment.

I Hoses

Make sure that the hoses are not twisted. Check the hoses regularly and replace the defective ones.

I Protective covers

The moving parts of the wrench are protected by a protective cover. Do not use a tool with no protective covers on it.

I Maintain tools with care

For top performance, inspect tools, powerpack and accessories for visual damage frequently and always prior to use. Always follow instruction for proper tool and pump maintenance. Refer to the Operations Maintenance Section for further clarification.

I Stay alert

Watch what you are doing. Use common sense. Do not use power equipment under the influence of any mood altering substances.

I Prior to use

Ensure that all hydraulic connections are securely connected and there is no leakage. Ensure the square drive and its retainer are fully and securely engaged. Cycle tool to ensure proper function. Locate a solid, secure reaction point. Be sure the reaction arm retaining clamp is fully engaged. Be sure the hydraulic hoses are free of the reaction point. Pressurize the system momentarily; if the tool tends to "ride up" or to "creep", stop and re-adjust the reaction arm to a more solid and secure position.

I Always use quality accessories

Check sockets for size, quality and flaws - do not use if questionable. Remain clear of the reaction arm during operation and never put body parts between reaction arm and reaction surfaces.

I Do not force the tool

Do not use hammer or other tools to enhance performance. If needed, use a bigger HYTORC torque wrench.

I Ask if necessary

You may always contact your official HYTORC representative, which in Finland is Haitor Oy. Always remember - safety first!