

HYTORC AVANTI-20 TORQUE CHART

Pressure	Torque Range	Pressure
PSI	Nm	Bar
1500	3741	104
1600	3991	110
1800	4490	124
2000	4989	138
2200	5498	152
2400	6008	165
2600	6518	179
2800	7027	193
3000	7537	207
3200	8037	220
3400	8538	234
3600	9038	248
3800	9538	262
4000	10038	276
4200	10511	290
4400	10984	303
4600	11458	317
4800	11931	331
5000	12404	345
5200	12880	358
5400	13355	372
5600	13831	386
5800	14307	400
6000	14783	414
6200	15238	427
6400	15694	441
6600	16149	455
6800	16605	468
7000	17060	482
7200	17512	496
7400	17963	510
7600	18414	524
7800	18866	538
8000	19317	552
8200	19811	565
8400	20304	579
8600	20798	593
8800	21291	607
9000	21784	620
9200	22278	634
9400	22771	648
9600	23265	662
9800	23758	676
10000	24252	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-20

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!