

Y8 Torque Chart

Pressure In PSI	Torque			Pressure In Bars
	FT.LBS.	KGM	NM	
1500	1210	168	1640	104
1600	1293	180	1753	110
1800	1459	203	1978	124
<hr/>				
2000	1625	226	2203	138
2200	1790	249	2427	152
2400	1955	272	2650	165
2600	2120	294	2874	179
2800	2285	317	3098	193
<hr/>				
3000	2450	340	3321	207
3200	2615	363	3545	220
3400	2780	386	3769	234
3600	2945	409	3992	248
3800	3110	432	4216	262
<hr/>				
4000	3275	455	4440	276
4200	3440	478	4663	290
4400	3605	501	4887	303
4600	3770	524	5111	317
4800	3935	547	5334	331
<hr/>				
5000	4100	569	5558	345
5200	4264	592	5780	358
5400	4428	615	6003	372
5600	4592	638	6225	386
5800	4756	661	6447	400
<hr/>				
6000	4920	683	6670	414
6200	5084	706	6892	427
6400	5248	729	7114	441
6600	5412	752	7337	455
6800	5576	774	7559	468
<hr/>				
7000	5740	797	7781	482
7200	5904	820	8003	496
7400	6068	843	8226	510
7600	6232	866	8448	524
7800	6396	888	8670	538
<hr/>				
8000	6560	911	8893	552
8200	6724	934	9115	565
8400	6888	957	9337	579
8600	7052	979	9560	593
8800	7216	1002	9782	607
<hr/>				
9000	7380	1025	10004	620
9200	7544	1048	10227	634
9400	7708	1071	10449	648
9600	7872	1093	10671	662
9800	8036	1116	10894	676
10000	8200	1139	11116	690

IMPORTANT SAFETY INSTRUCTIONS

WARNING: 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.

- **READ ALL INSTRUCTIONS.**
- **KEEP WORK AREA CLEAN AND WELL LIT.**
- **CONSIDER WORK AREA ENVIRONMENT.** 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.
- **AVOID PREMATURE TOOL STARTING.** The Pump Remote Control is for the **TOOL OPERATOR** only.
- **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
- **GUARD AGAINST ELECTRIC SHOCK.** Ensure the pump is properly grounded and the proper voltage is being used.
- **STORE IDLE TOOLS.** When not in use, tool and accessories should be properly stored to avoid deterioration
- **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.
- **PROPER SAFETY ATTIRE.** When handling/operating hydraulic equipment use work gloves, hard hats, safety shoes and other applicable clothing.
- **USE SAFETY GLASSES.**
- **MOVING EQUIPMENT.** Do not use hydraulic hoses, uni-swivels, pump power or remote cords as means of moving the equipment.
- **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
- **STAY ALERT.** Watch what you are doing. Use Common sense. Do not use power equipment under the influence of any mood altering substances.
- **PRIOR TO OPERATION**
Ensure that all hydraulic connections are securely connected and there is no leakage
Verify that the Hydraulic hoses are not kinked or otherwise damaged.
Ensure the square drive and its retainer are fully and securely engaged.
Be certain that all connectors, elbows, fitting and swivels are not bent, loose or damaged.
- **PRIOR TO USE.**
Check sockets for size, quality and flaws. (Do not use if questionable)
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.

NOTE: Remain clear of the reaction arm during operation and never put body parts between reaction arm and reaction surfaces.

- **ALWAYS USE QUALITY ACCESSORIES.** Always use top quality impact sockets in good condition which are the correct size and fully engage the nut. Hidden flaws, however, remain a possibility which could cause breakage, so stay clear of sockets during operation
- **DO NOT USE** other equipment to enhance performance (Hammer on Socket/Tool)

NOTE: Hytorc Pumps are designed to operate Hytorc Tools only. Damage may occur to the pump or the product that is being operated due to misuse.

SAVE THESE INSTRUCTIONS FOR FUTURE USE!