

HYTORC

TOOL MODEL: HY-25XLT PRESSURE/TORQUE CONVERSION CHART

Standard Torque Chart

PRESSURE IN PSI	TORQUE IN			PRESSURE IN BAR
	FT. LBS.	KGM	NM	
1500	3960	548	5368	104
1600	4216	583	5715	110
1800	4728	654	6409	124
2000	5240	725	7103	138
2200	5752	796	7797	152
2400	6264	866	8491	165
2600	6776	937	9186	179
2800	7288	1008	9880	193
3000	7800	1079	10574	207
3200	8318	1150	11276	220
3400	8836	1222	11978	234
3600	9354	1294	12680	248
3800	9872	1365	13382	262
4000	10390	1437	14085	276
4200	10898	1507	14773	290
4400	11406	1577	15462	303
4600	11914	1648	16151	317
4800	12422	1718	16839	331
5000	12930	1788	17528	345
5200	13450	1860	18233	358
5400	13970	1932	18938	372
5600	14490	2004	19643	386
5800	15010	2076	20348	400
6000	15530	2148	21052	414
6200	16040	2218	21744	427
6400	16550	2289	22435	441
6600	17060	2359	23127	455
6800	17570	2430	23818	468
7000	18080	2500	24509	482
7200	18602	2573	25217	496
7400	19124	2645	25924	510
7600	19646	2717	26632	524
7800	20168	2789	27340	538
8000	20690	2861	28047	552
8200	21214	2934	28758	565
8400	21738	3006	29468	579
8600	22262	3079	30178	593
8800	22786	3151	30889	607
9000	23310	3224	31599	620
9200	23826	3295	32299	634
9400	24342	3366	32998	648
9600	24858	3438	33698	662
9800	25374	3509	34397	676
10000	25890	3581	35096	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!