

HYTORC

TOOL MODEL:HY-50XLT PRESSURE/TORQUE CONVERSION CHART

Standard Torque Chart

PRESSURE IN PSI	TORQUE IN			PRESSURE IN BAR
	FT. LBS.	KGM	NM	
1500	7875	1089	10675	104
1600	8400	1162	11387	110
1800	9450	1307	12810	124
2000	10500	1452	14234	138
2200	11550	1597	15657	152
2400	12600	1743	17081	165
2600	13650	1888	18504	179
2800	14700	2033	19927	193
3000	15750	2178	21351	207
3200	16800	2323	22774	220
3400	17850	2469	24197	234
3600	18900	2614	25621	248
3800	19950	2759	27044	262
4000	21000	2904	28468	276
4200	22050	3050	29891	290
4400	23100	3195	31314	303
4600	24150	3340	32738	317
4800	25200	3485	34161	331
5000	26250	3630	35585	345
5200	27300	3776	37008	358
5400	28350	3921	38431	372
5600	29400	4066	39855	386
5800	30450	4211	41278	400
6000	31500	4356	42701	414
6200	32550	4502	44125	427
6400	33600	4647	45548	441
6600	34650	4792	46972	455
6800	35700	4937	48395	468
7000	36750	5083	49818	482
7200	37800	5228	51242	496
7400	38850	5373	52665	510
7600	39900	5518	54088	524
7800	40950	5663	55512	538
8000	42000	5809	56935	552
8200	43050	5954	58359	565
8400	44100	6099	59782	579
8600	45150	6244	61205	593
8800	46200	6389	62629	607
9000	47250	6535	64052	620
9200	48300	6680	65475	634
9400	49350	6825	66899	648
9600	50400	6970	68322	662
9800	51450	7116	69746	676
10000	52500	7261	71169	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!