

HYTORC

TOOL MODEL: HY-18XLCT W/ HEX LINK PRESSURE/TORQUE CONVERSION CHART

Standard Torque Chart

PRESSURE IN PSI	TORQUE IN			PRESSURE IN BAR
	FT. LBS.	KGM	NM	
1500	2676	370	3628	104
1600	2854	395	3869	110
1800	3209	444	4351	124
2000	3565	493	4833	138
2200	3922	542	5317	152
2400	4279	592	5801	165
2600	4636	641	6285	179
2800	4993	691	6769	193
3000	5350	740	7252	207
3200	5708	789	7738	220
3400	6066	839	8223	234
3600	6424	888	8708	248
3800	6782	938	9194	262
4000	7140	987	9679	276
4200	7496	1037	10162	290
4400	7852	1086	10644	303
4600	8208	1135	11127	317
4800	8564	1184	11609	331
5000	8920	1234	12092	345
5200	9277	1283	12576	358
5400	9634	1332	13060	372
5600	9991	1382	13544	386
5800	10348	1431	14028	400
6000	10705	1481	14512	414
6200	11062	1530	14996	427
6400	11419	1579	15480	441
6600	11776	1629	15964	455
6800	12133	1678	16447	468
7000	12490	1727	16931	482
7200	12848	1777	17417	496
7400	13206	1826	17902	510
7600	13564	1876	18387	524
7800	13922	1925	18873	538
8000	14280	1975	19358	552
8200	14637	2024	19842	565
8400	14994	2074	20326	579
8600	15351	2123	20810	593
8800	15708	2172	21294	607
9000	16065	2222	21778	620
9200	16421	2271	22260	634
9400	16777	2320	22743	648
9600	17133	2369	23225	662
9800	17489	2419	23708	676
10000	17845	2468	24191	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!