

# HYTORC

## TOOL MODEL: HY-8XLT PRESSURE/TORQUE CONVERSION CHART

### Standard Torque Chart

PRESSURE IN PSI	TORQUE IN			PRESSURE IN BAR
	FT. LBS.	KGM	NM	
1500	1200	166	1627	104
1600	1280	177	1735	110
1800	1440	199	1952	124
2000	1600	221	2169	138
2200	1760	243	2386	152
2400	1920	266	2603	165
2600	2080	288	2820	179
2800	2240	310	3037	193
3000	2400	332	3253	207
3200	2560	354	3470	220
3400	2720	376	3687	234
3600	2880	398	3904	248
3800	3040	420	4121	262
4000	3200	443	4338	276
4200	3360	465	4555	290
4400	3520	487	4772	303
4600	3680	509	4989	317
4800	3840	531	5206	331
5000	4000	553	5422	345
5200	4160	575	5639	358
5400	4320	597	5856	372
5600	4480	620	6073	386
5800	4640	642	6290	400
6000	4800	664	6507	414
6200	4960	686	6724	427
6400	5120	708	6941	441
6600	5280	730	7158	455
6800	5440	752	7374	468
7000	5600	774	7591	482
7200	5760	797	7808	496
7400	5920	819	8025	510
7600	6080	841	8242	524
7800	6240	863	8459	538
8000	6400	885	8676	552
8200	6560	907	8893	565
8400	6720	929	9110	579
8600	6880	952	9327	593
8800	7040	974	9543	607
9000	7200	996	9760	620
9200	7360	1018	9977	634
9400	7520	1040	10194	648
9600	7680	1062	10411	662
9800	7840	1084	10628	676
10000	8000	1106	10845	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!