



HYTORC
Since 1968

Tool Model: ULC-Series
Pressure/Torque Conversion Chart

PRESSURE IN: PSI	HY-4ULC (FT.-LBS.)	HY-7ULC (FT. LBS.)	HY-14ULC (FT.-LBS)	HY-28ULC (FT.-LBS.)
1500	470	1150	1687	4320
1600	500	1225	1800	4610
1800	560	1380	2025	5185
2000	620	1535	2250	5760
2200	680	1685	2475	6335
2400	740	1840	2700	6910
2600	810	1995	2925	7490
2800	870	2145	3150	8065
3000	940	2300	3375	8640
3200	1000	2450	3600	9215
3400	1060	2605	3825	9790
3600	1120	2760	4050	10370
3800	1180	2910	4275	10945
4000	1250	3065	4500	11520
4200	1310	3220	4725	12095
4400	1380	3370	4950	12670
4600	1440	3525	5175	13250
4800	1500	3680	5400	13825
5000	1560	3830	5625	14400
5200	1620	3985	5850	14975
5400	1690	4140	6075	15550
5600	1750	4290	6300	16130
5800	1800	4445	6525	16705
6000	1850	4595	6750	17280
6200	1910	4750	6975	17855
6400	1980	4905	7200	18430
6600	2040	5060	7425	19010
6800	2110	5210	7650	19585
7000	2170	5365	7875	20160
7200	2230	5515	8100	20735
7400	2290	5670	8325	21310
7600	2340	5825	8550	21890
7800	2400	5975	8775	22465
8000	2470	6130	9000	23040
8200	2520	6285	9225	23615
8400	2590	6435	9450	24190
8600	2650	6590	9675	24770
8800	2710	6745	9900	25345
9000	2770	6895	10125	25920
9200	2840	7050	10350	26495
9400	2910	7205	10575	27070
9600	2980	7355	10800	27650
9800	3050	7510	11025	28225
10000	3120	7665	11250	28800

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 any 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, tools 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 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, uniswivels, pump power or remote cords as means of moving the equipment.
- **MAINTAIN TOOLS WITH CARE.** For top performance, inspect tool, powerpack and accessories for visual damage frequently and always prior to use. Always follow instructions 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.
Insure the square drive and its retainer is fully and securely engaged.
Ascertain that all connectors, elbows, fittings and swivels are not bent, loose or damaged.
- **PRIOR TO USE.**
Check Sockets for size, quality and flaws. (Do not use if question able.)
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 surface.
- **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 break, 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 product that is being operated due to misuse.

SAVE THESE INSTURCTIONS FOR FUTURE USE!