



**Tool Model: XL Series**  
**Pressure/Torque Conversion Chart**

<b>PUMP PRESSURE:</b> <b>PSI</b>	<b>1/2" Driver</b> <b>HY-.5XL</b> <b>ft-lbs</b>	<b>3/4" Driver</b> <b>HY-1XL</b> <b>ft-lbs</b>	<b>1" Driver</b> <b>HY-3XL</b> <b>ft-lbs</b>	<b>1-1/2" Driver</b> <b>HY-5XL</b> <b>ft-lbs</b>	<b>1-1/2" Driver</b> <b>HY-10XL</b> <b>ft-lbs</b>	<b>2-1/2" Driver</b> <b>HY-25XL</b> <b>ft-lbs</b>
1500	54	210	460	815	1623	3813
1600	58	225	490	870	1730	4065
1800	65	250	550	975	1945	4575
2000	72	280	610	1085	2160	5080
2200	79	305	675	1190	2380	5590
2400	86	335	735	1300	2595	6100
2600	94	360	795	1410	2810	6605
2800	101	390	855	1515	3025	7115
3000	108	415	915	1625	3240	7620
3200	115	445	980	1735	3460	8130
3400	122	470	1040	1840	3675	8640
3600	130	500	1100	1950	3890	9145
3800	137	525	1160	2055	4105	9655
4000	144	555	1220	2165	4320	10160
4200	151	580	1285	2275	4540	10670
4400	158	610	1345	2380	4755	11180
4600	166	635	1405	2490	4970	11685
4800	173	665	1465	2600	5185	12195
5000	180	690	1525	2705	5400	12700
5200	187	720	1590	2815	5620	13210
5400	194	745	1650	2925	5835	13720
5600	202	775	1710	3030	6050	14225
5800	209	800	1770	3140	6265	14735
6000	216	830	1830	3250	6480	15240
6200	223	855	1895	3355	6700	15750
6400	230	885	1955	3465	6915	16260
6600	238	910	2015	3570	7130	16765
6800	245	940	2075	3680	7345	17275
7000	252	970	2135	3790	7560	17780
7200	259	995	2200	3895	7780	18290
7400	266	1025	2260	4005	7995	18800
7600	274	1050	2320	4115	8210	19305
7800	281	1080	2380	4220	8425	19815
8000	288	1105	2440	4330	8640	20320
8200	295	1135	2500	4440	8860	20830
8400	302	1160	2565	4545	9075	21340
8600	310	1190	2625	4655	9290	21845
8800	317	1215	2685	4760	9505	22355
9000	324	1245	2745	4870	9720	22860
9200	331	1270	2810	4980	9940	23370
9400	338	1300	2870	5085	10155	23880
9600	346	1325	2930	5195	10370	24385
9800	353	1355	2990	5305	10585	24895
10000	360	1380	3050	5410	10800	25400

**Hytorc West**

<http://www.hytorcwest.com>

## 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!**