



**HYTORC**  
Since 1968

**Tool Model: 2XLCT with Square Drive**  
Pressure/Torque Conversion Chart

PRESSURE IN: PSI	TORQUE IN:			PRESSURE IN: BAR
	ft-lbs	KGM	NM	
1500	200	28	271	104
1600	214	30	290	110
1800	242	33	328	124
2000	270	37	366	138
2200	298	41	404	152
2400	326	45	442	165
2600	354	49	480	179
2800	382	53	518	193
3000	410	57	556	207
3200	438	61	594	220
3400	466	64	632	234
3600	494	68	670	248
3800	522	72	708	262
4000	550	76	746	276
4200	578	80	784	290
4400	606	84	821	303
4600	634	88	859	317
4800	662	92	897	331
5000	690	95	935	345
5200	718	99	973	358
5400	746	103	1011	372
5600	774	107	1049	386
5800	802	111	1087	400
6000	830	115	1125	414
6200	860	119	1166	427
6400	890	123	1206	441
6600	920	127	1247	455
6800	950	131	1288	468
7000	980	136	1328	482
7200	1008	139	1366	496
7400	1036	143	1404	510
7600	1064	147	1442	524
7800	1092	151	1480	538
8000	1120	155	1518	552
8200	1148	159	1556	565
8400	1176	163	1594	579
8600	1204	167	1632	593
8800	1232	170	1670	607
9000	1260	174	1708	620
9200	1292	179	1751	634
9400	1324	183	1794	648
9600	1356	188	1838	662
9800	1388	192	1881	676
10000	1420	196	1925	690

**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!**