



Tool Model:4XLCT W/Hex Link #11 or #12
Pressure/Torque Conversion Chart

PRESSURE IN: PSI	TORQUE IN:			PRESSURE IN: BAR
	ft-lbs	KGM	NM	
1500	625	86	847	104
1600	667	92	904	110
1800	751	104	1018	124
2000	835	115	1132	138
2200	918	127	1244	152
2400	1001	138	1356	165
2600	1084	150	1469	179
2800	1167	161	1581	193
3000	1250	173	1694	207
3200	1334	184	1808	220
3400	1418	196	1922	234
3600	1502	208	2035	248
3800	1586	219	2149	262
4000	1670	231	2263	276
4200	1752	242	2376	290
4400	1835	254	2488	303
4600	1918	265	2601	317
4800	2001	277	2713	331
5000	2084	288	2825	345
5200	2167	300	2938	358
5400	2250	311	3050	372
5600	2333	323	3163	386
5800	2416	334	3275	400
6000	2499	346	3388	414
6200	2583	357	3502	427
6400	2667	369	3615	441
6600	2751	380	3729	455
6800	2835	392	3843	468
7000	2919	404	3957	482
7200	3002	415	4069	496
7400	3085	427	4182	510
7600	3168	438	4294	524
7800	3251	450	4407	538
8000	3334	461	4519	552
8200	3418	473	4633	565
8400	3502	484	4747	579
8600	3586	496	4861	593
8800	3670	508	4975	607
9000	3754	519	5089	620
9200	3837	531	5201	634
9400	3920	542	5313	648
9600	4003	554	5426	662
9800	4086	565	5538	676
10000	4169	577	5651	690

Hytorc West

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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!