HYTORC

TOOL MODEL: HY-5MXT

PRESSURE/TORQUE CONVERSION CHART

Standard Torque Chart

PRESSURE IN PSI	TORQUE IN FT.LBS.	TORQUE IN KGM	TORQUE IN NM	PRESSURE IN BAR
1500	835	115	1132	104
1600	890	123	1206	110
1800	1000	138	1356	124
2000	1110	154	1505	138
2200	1222	169	1657	152
2400	1334	184	1808	165
2600	1446	200	1960	179
2800	1558	215	2112	193
3000	1670	231	2264	207
3200	1782	246	2416	220
3400	1894	262	2568	234
3600	2006	277	2719	248
3800	2118	293	2871	262
4000	2230	308	3023	276
4200	2342	324	3175	290
4400	2454	339	3327	303
4600	2566	355	3478	317
4800	2678	370	3630	331
5000	2790	386	3782	345
5200	2902	401	3934	358
5400	3014	417	4086	372
5600	3126	432	4238	386
5800	3238	448	4389	400
6000	3350	463	4541	414
6200	3462	479	4693	427
6400	3574	494	4845	441
6600	3686	510	4997	455
6800	3798	525	5149	468
7000	3910	541	5300	482
7200	4022	556	5452	496
7400	4134	572	5604	510
7600	4246	587	5756	524
7800	4358	603	5908	538
8000	4470	618	6060	552
8200	4582	634	6211	565
8400	4694	649	6363	579
8600	4806	665	6515	593
8800	4918	680	6667	607
9000	5030	696	6819	620
9200	5142	711	6971	634
9400	5254	727	7122	648
9600	5366	742	7274	662
9800	5478	758	7426	676
10000	5590	773	7578	690

* ISO DOCUMENT 9000

REV. 01/1998

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 INSTUCTIONS.**
- **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 AGAINS ELECTRIC SHOCK.** Ensure the pump is properly grounded and the proper voltage is being used
- **STORE IDLE TOOLS.** When not in use, tool sand 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 andsecure 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 NOR 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!