HYTORC

TOOL MODEL: HY-10MXT

PRESSURE/TORQUE CONVERSION CHART

Standard Torque Chart

PRESSURE IN PSI	TORQUE IN FT.LBS.	TORQUE IN KGM	TORQUE IN NM	PRESSURE IN BAR
1500	1693	234	2295	103
1600	1805	250	2447	110
1800	2030	281	2752	124
2000	2255	312	3057	138
2200	2490	344	3375	152
2400	2725	377	3694	165
2600	2960	409	4013	179
2800	3195	442	4331	193
3000	3430	474	4650	207
3200	3656	506	4956	221
3400	3882	537	5262	234
3600	4108	568	5569	248
3800	4334	599	5875	262
4000	4560	631	6182	276
4200	4792	663	6496	290
4400	5024	695	6811	303
4600	5256	727	7125	317
4800	5488	759	7440	331
5000	5720	791	7754	345
5200	5948	823	8063	359
5400	6176	854	8372	372
5600	6404	886	8681	386
5800	6632	917	8990	400
6000	6860	949	9299	414
6200	7094	981	9617	427
6400	7328	1013	9934	441
6600	7562	1046	10251	455
6800	7796	1078	10568	469
7000	8030	1111	10885	483
7200	8264	1143	11203	496
7400	8498	1175	11520	510
7600	8732	1208	11837	524
7800	8966	1240	12154	538
8000	9200	1272	12472	552
8200	9432	1304	12786	565
8400	9664	1337	13101	579
8600	9896	1369	13415	593
8800	10128	1401	13730	607
9000	10360	1433	14044	621
9200	10592	1465	14359	634
9400	10824	1497	14673	648
9600	11056	1529	14988	662
9800	11288	1561	15302	676
10000	11520	1593	15617	689

* ISO DOCUMENT 9000

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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 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!