HYTORC

TOOL MODEL: HY-35MXT

PRESSURE/TORQUE CONVERSION CHART

Standard Torque Chart

PRESSURE IN PSI	TORQUE IN FT.LBS.	TORQUE IN KGM	TORQUE IN NM	PRESSURE IN BAR
1500	5400	747	7320	104
1600	5772	798	7825	110
1800	6516	901	8833	124
2000	7260	1004	9842	138
2200	8021	1109	10873	152
2400	8782	1215	11905	165
2600	9543	1320	12936	179
2800	10304	1425	13968	193
3000	11065	1530	15000	207
3200	11817	1634	16019	220
3400	12569	1738	17039	234
3600	13321	1842	18058	248
3800	14073	1946	19077	262
4000	14825	2050	20097	276
4200	15572	2154	21109	290
4400	16319	2257	22122	303
4600	17066	2360	23135	317
4800	17813	2464	24147	331
5000	18560	2567	25160	345
5200	19306	2670	26171	358
5400	20052	2773	27182	372
5600	20798	2876	28194	386
5800	21544	2980	29205	400
6000	22290	3083	30216	414
6200	23027	3185	31215	427
6400	23764	3287	32214	441
6600	24501	3388	33214	455
6800	25238	3490	34213	468
7000	25975	3592	35212	482
7200	26716	3695	36216	496
7400	27457	3797	37221	510
7600	28198	3900	38225	524
7800	28939	4002	39230	538
8000	29680	4105	40234	552
8200	30422	4207	41240	565
8400	31164	4310	42246	579
8600	31906	4413	43252	593
8800	32648	4515	44258	607
9000	33390	4618	45263	620
9200	34132	4720	46269	634
9400	34874	4823	47275	648
9600	35616	4926	48281	662
9800	36358	5028	49287	676
10000	37100	5131	50293	690

* ISO DOCUMENT 9000

REV. 01/1999

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!