

HYTORC

TOOL MODEL: HY-.7MXT SA PRESSURE/TORQUE CONVERSION CHART

PRESSURE IN PSI	TORQUE IN			PRESSURE IN BAR
	FT. LBS.	KGM	NM	
1500	125	17	169	104
1600	132	18	179	110
1800	146	20	198	124
2000	161	22	218	138
2200	177	25	240	152
2400	194	27	263	165
2600	210	29	285	179
2800	227	31	308	193
3000	244	34	330	207
3200	260	36	352	220
3400	276	38	375	234
3600	293	40	397	248
3800	309	43	419	262
4000	325	45	441	276
4200	342	47	463	290
4400	358	50	485	303
4600	374	52	507	317
4800	391	54	529	331
5000	407	56	552	345
5200	423	59	574	358
5400	440	61	596	372
5600	456	63	618	386
5800	472	65	640	400
6000	489	68	663	414
6200	505	70	685	427
6400	522	72	707	441
6600	538	74	729	455
6800	554	77	752	468
7000	571	79	774	482
7200	587	81	796	496
7400	603	83	817	510
7600	619	86	839	524
7800	635	88	861	538
8000	651	90	883	552
8200	667	92	905	565
8400	684	95	927	579
8600	700	97	949	593
8800	716	99	971	607
9000	733	101	993	620
9200	748	104	1015	634
9400	764	106	1036	648
9600	780	108	1058	662
9800	796	110	1080	676
10000	812	112	1101	690

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 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 AGAINST ELECTRIC SHOCK.** Ensure the pump is properly grounded and the proper voltage is being used.
- **STORE IDLE TOOLS.** When not in use, tool 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 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 and secure 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 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 the product that is being operated due to misuse.

SAVE THESE INSTRUCTIONS FOR FUTURE USE!