HYTORC

TOOL MODEL: VERSA 8 W/ HEX LINK

PRESSURE/TORQUE CONVERSION CHART

Standard Torque Chart

PRESSURE IN PSI	TORQUE IN FT.LBS.	TORQUE IN KGM	TORQUE IN NM	PRESSURE IN BAR
1500	1350	187	1830	104
1600	1440	199	1952	110
1800	1620	224	2196	124
2000	1800	249	2440	138
2200	1980	274	2684	152
2400	2160	299	2928	165
2600	2340	324	3172	179
2800	2520	349	3416	193
3000	2700	373	3660	207
3200	2880	398	3904	220
3400	3060	423	4148	234
3600	3240	448	4392	248
3800	3420	473	4636	262
4000	3600	498	4880	276
4200	3780	523	5124	290
4400	3960	548	5368	303
4600	4140	573	5612	317
4800	4320	597	5856	331
5000	4500	622	6100	345
5200	4680	647	6344	358
5400	4860	672	6588	372
5600	5040	697	6832	386
5800	5220	722	7076	400
6000	5400	747	7320	414
6200	5580	772	7564	427
6400	5760	797	7808	441
6600	5940	822	8052	455
6800	6120	846	8296	468
7000	6300	871	8540	482
7200	6480	896	8784	496
7400	6660	921	9028	510
7600	6840	946	9272	524
7800	7020	971	9516	538
8000	7200	996	9760	552
8200	7380	1021	10004	565
8400	7560	1046	10248	579
8600	7740	1070	10492	593
8800	7920	1095	10736	607
9000	8100	1120	10980	620
9200	8280	1145	11224	634
9400	8460	1170	11468	648
9600	8640	1195	11712	662
9800	8820	1220	11956	676
10000	9000	1245	12200	690

* 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!