HYTORC

TOOL MODEL: EDGE-11S

PRESSURE/TORQUE CONVERSION CHART

Standard Torque Chart

PRESSURE IN PSI	TORQUE IN FT.LBS.	TORQUE IN KGM	TORQUE IN NM	PRESSURE IN BAR
1500	1615	223	2189	104
1600	1726	239	2340	110
1800	1948	269	2641	124
2000	2171	300	2942	138
2200	2390	331	3240	152
2400	2610	361	3538	165
2600	2829	391	3835	179
2800	3049	422	4133	193
3000	3269	452	4431	207
3200	3494	483	4736	220
3400	3719	514	5042	234
3600	3944	545	5347	248
3800	4169	577	5652	262
4000	4395	608	5957	276
4200	4621	639	6264	290
4400	4847	670	6571	303
4600	5074	702	6878	317
4800	5300	733	7184	331
5000	5526	764	7491	345
5200	5759	796	7806	358
5400	5991	829	8121	372
5600	6223	861	8436	386
5800	6456	893	8751	400
6000	6688	925	9066	414
6200	6917	957	9376	427
6400	7145	988	9686	441
6600	7374	1020	9996	455
6800	7603	1051	10306	468
7000	7831	1083	10616	482
7200	8056	1114	10920	496
7400	8280	1145	11225	510
7600	8505	1176	11529	524
7800	8729	1207	11834	538
8000	8954	1238	12138	552
8200	9201	1272	12472	565
8400	9447	1307	12807	579
8600	9694	1341	13141	593
8800	9940	1375	13475	607
9000	10187	1409	13810	620
9200	10408	1439	14109	634
9400	10629	1470	14408	648
9600	10849	1500	14708	662
9800	11070	1531	15007	676
10000	11291	1562	15306	690

* ISO DOCUMENT 9000

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!