

Tool Model: AB Series
Pressure/Torque Conversion Chart

PUMP PRESSURE: PSI	AB-3SL TORQUE ft-lbs	AB-6SL TORQUE ft-lbs	AB-12SL TORQUE ft-lbs
1500	448	900	1728
1600	475	960	1845
1800	535	1080	2075
2000	595	1195	2305
2200	655	1315	2535
2400	715	1440	2765
2600	770	1555	2995
2800	835	1675	3225
3000	895	1795	3455
3200	950	1920	3685
3400	1015	2035	3920
3600	1070	2155	4150
3800	1130	2280	4380
4000	1190	2395	4610
4200	1250	2515	4835
4400	1310	2635	5070
4600	1370	2750	5300
4800	1430	2870	5530
5000	1490	2995	5760
5200	1550	3115	5990
5400	1610	3230	6220
5600	1665	3350	6450
5800	1730	3475	6680
6000	1785	3590	6915
6200	1845	3715	7140
6400	1910	3835	7370
6600	1965	3950	7605
6800	2025	4070	7835
7000	2085	4190	8065
7200	2145	4315	8295
7400	2205	4430	8525
7600	2265	4550	8755
7800	2325	4665	8990
8000	2385	4790	9215
8200	2440	4910	9445
8400	2505	5030	9675
8600	2560	5155	9910
8800	2620	5270	10135
9000	2680	5390	10365
9200	2740	5510	10600
9400	2800	5630	10830
9600	2860	5745	11060
9800	2920	5875	11290
10000	2980	6010	11520

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 any 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, tools 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 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, uniswivels, pump power or remote cords as means of moving the equipment.
- **MAINTAIN TOOLS WITH CARE.** For top performance, inspect tool, powerpack and accessories for visual damage frequently and always prior to use. Always follow instructions 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.
Insure the square drive and its retainer is fully and securely engaged.
Ascertain that all connectors, elbows, fittings and swivels are not bent, loose or damaged.
- **PRIOR TO USE.**
Check Sockets for size, quality and flaws. (Do not use if question able.)
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 surface.
- **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 break, 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 product that is being operated due to misuse.

SAVE THESE INSTURCTIONS FOR FUTURE USE!