



**HYTORC**  
Since 1968

**Tool Model: Mult-HY-Y10**  
**Pressure/Torque Conversion Chart**

PRESSURE IN: PSI	TORQUE IN:			PRESSURE IN: BAR
	ft-lbs	KGM	NM	
1500	1460	202	1979	104
1600	1570	217	2128	110
1800	1780	246	2413	124
2000	1990	275	2698	138
2200	2200	304	2982	152
2400	2410	333	3267	165
2600	2620	362	3552	179
2800	2830	391	3836	193
3000	3030	419	4107	207
3200	3240	448	4392	220
3400	3450	477	4677	234
3600	3660	506	4961	248
3800	3870	535	5246	262
4000	4080	564	5531	276
4200	4290	593	5816	290
4400	4500	622	6100	303
4600	4710	651	6385	317
4800	4920	680	6670	331
5000	5140	711	6968	345
5200	5350	740	7252	358
5400	5560	769	7537	372
5600	5770	798	7822	386
5800	5980	827	8106	400
6000	6190	856	8391	414
6200	6400	885	8676	427
6400	6620	916	8974	441
6600	6830	945	9259	455
6800	7050	975	9557	468
7000	7260	1004	9842	482
7200	7470	1033	10126	496
7400	7680	1062	10411	510
7600	7890	1091	10696	524
7800	8100	1120	10980	538
8000	8320	1151	11279	552
8200	8530	1180	11563	565
8400	8740	1209	11848	579
8600	8950	1238	12133	593
8800	9160	1267	12417	607
9000	9370	1296	12702	620
9200	9580	1325	12987	634
9400	9790	1354	13271	648
9600	10000	1383	13556	662
9800	10210	1412	13841	676
10000	10420	1441	14125	690

**Hytorc West**

<http://www.hytorcwest.com>

## 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!**