

# EDGE-30 Torque Chart

Pressure In		Torque			Pressure In
PSI	FT.LBS.	KGM	NM	Bars	
1500	4448	618	6029	104	
1600	4744	659	6431	110	
1800	5337	741	7235	124	
2000	5930	824	8039	138	
2200	6523	906	8843	152	
2400	7116	988	9646	165	
2600	7709	1071	10450	179	
2800	8302	1153	11254	193	
3000	8895	1235	12508	207	
3200	9488	1318	12862	220	
3400	10081	1400	13666	234	
3600	10674	1483	14470	248	
3800	11267	1565	15274	262	
4000	11860	1647	16077	276	
4200	12453	1730	16881	290	
4400	13046	1812	17685	303	
4600	13639	1894	18489	317	
4800	14232	1977	19293	331	
5000	14825	2059	20097	345	
5200	15418	2141	20901	358	
5400	16011	2224	21705	372	
5600	16604	2306	22508	386	
5800	17197	2388	23312	400	
6000	17790	2471	24116	414	
6200	18383	2553	24920	427	
6400	18976	2636	25724	441	
6600	19569	2718	26528	455	
6800	20162	2800	27332	468	
7000	20755	2883	28135	482	
7200	21348	2965	28939	496	
7400	21941	3047	29743	510	
7600	22534	3130	30547	524	
7800	23127	3212	31351	538	
8000	23720	3294	32155	552	
8200	24313	3377	32959	565	
8400	24906	3459	33763	579	
8600	25499	3542	34566	593	
8800	26092	3624	35370	607	
9000	26685	3706	36174	620	
9200	27278	3789	36978	634	
9400	27871	3871	37782	648	
9600	28464	3953	38586	662	
9800	29057	4036	39390	676	
10000	29650	4118	40194	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!