HOW TO SELECT YOUR
TRW ROSS TORQMOTORS HIGH TORQUE LOW SPEED MOTORS

Use **STANDARD** Gerator Motor for 1000 PSI to 2000 PSI Pressure.
Use **MEDIUM** Gerotor Motor for 1000 PSI to 2500 PSI Pressure.
Use **HEAVY** Gerator Motor for 1000 PSI to 3000 PSI Pressure.
Use **EXTRA-HEAVY** Gerator Motor for 1000 PSI to 4000 PSI Pressure.

Maximum pressure should be considered extreme usage and for short duration.
The numbers indicate first, second, and third choice motor for the machine you want to drive depending upon your tractors oil output.
REMEMBER that your **TRACTOR** provides the **HORSEPOWER** to drive the motor.

The **DIFFERENT SIZE MOTORS** only turn that **HORSEPOWER** into **MORE TORQUE & LESS SPEED** or **LESS TORQUE & MOTOR SPEED** and just act like a **GEARBOX** and **YOU** are **CHOOSING THE GEAR RATIO.**
Flow in gallons per minute gives you the speed; pressure in PSI gives you the torque. Torque times speed divided by 63025 gives you horsepower. Torque is nearly constant over the pressure range. The Torque is generally 15 to 20% less starting than running. If possible you should start empty (unloaded) and then load the motor.

TG0960 - LIMIT TOP PRESSURE TO 1000 PSI **TF0360 - LIMIT TOP PRESSURE TO 1500 PSI**
TE0330, TE0295, TE0260, TB0296, TB0260 - LIMIT TOP PRESSURE TO 1200 PSI

TRW Very Heavy Duty	TRW Heavy Duty	TRW Med. Duty	TRW Std. Duty	Speed Per Gal.at Cont. Rate PSI & RPM per GPM	In Lbs. Tor-que Per 100 PSI	Under Load Appx. Max. Speed RPM	4" Augers Up to 30 Feet	5" Augers Up to 30 Feet	6" Augers Up to 40 Feet	6" Augers Up 40 Feet to 60 Feet	7" Augers Up to 30 Feet	Elevators with Speed Jack Up to 60 Feet	Elevators with Boot Shaft	Combine Discharge Auger	Blender Mixer	Bale Conveyor	Sprayer Pumps	Post Hose Digger with 9" Auger	Unloader Wagon	Drill Fill Auger
TG0960				4	691	76														
TG0785				4	582	76														
TG0530				6	416	127														
TG0475				7	366	145														
TG0335				10	278	197														
	TF0360			10	276	200														
		TE0330		11	212	164														
			TB0330	11	213	132														
TG0280				12	235	245														
		TE0295		12	190	186												3		
			TB0295	12	203	149												2		
	TF0280			13	219	257												1		
		TE0260		14	169	206														
			TB0260	14	182	164														
TG0240				14	200	288														
	TF0240			15	189	301													2	
			TB0230	16	170	189														
		TE0230		16	159	243														
TG0195				17	157	349														
		TE0195		18	149	216														
			TB0195	18	145	219														
	TF0195			18	175	275												1		
	TF0170			21	133	315									1					
		TE0165		22	127	259									1					
			TB0165	22	123	263									1					
TG0140				25	115	494			3	3										
	TF0140			26	110	368			3	3		3	3			3				
		TE0130		27	101	320			3	3	2									
			TB0130	27	99	324			3	3	2									
	TF0130			29	99	427	3	3	2	2	1	2	2	2						
		TE0100		35	73	421	3	3	2	2	1			1		2				
			TB0100	36	72	430	3	2	2	1	1			1			2			
	TF0100			36	77	540	3	2	1	1		1	1			1				3
	TF0080			40	64	476	3	2	1	1										
			TB0080	42	61	375	3	2	1											
		TE0080		42	60	501	2	1	1								1			
		TE0065		55	47	660	2	1												2
			TB0065	55	47	497	2	1												
		TE0050		69	36	624	1	1												
			TB0050	71	35	637	1	1												
		TE0045		77	29	690	1													1
				79	28	712	1													