

Birmingham Foundation Solutions Hydraulic Equipment Requirements

	Range			GPM	@	PSI	=	Range			l/min	@	bar	Hose Inside Diameter	Hose Rating (PSI)	Hose End Adapter Port A	Hose End Adapter Port B	Hose End Adapter Vent						
Kicker/Spotter																								
Extend/Retract	20	-	25	GPM	@	2500	PSI	=	76	-	95	l/min	@	172	bar	2 x 1/2"	3000	1/2" NPT MALE	1/2" NPT MALE	N/A				
Side Batter	10	-	15	GPM	@	2500	PSI	=	38	-	57	l/min	@	172	bar	2 x 1/2"	3000	1/2" NPT MALE	1/2" NPT MALE	N/A				
Swivel	10	-	15	GPM	@	2500	PSI	=	38	-	57	l/min	@	172	bar	2 x 1/2"	3000	1/2" NPT MALE	1/2" NPT MALE	N/A				
Winches																								
Pullmaster M12	10	-	25	GPM	@	2200	PSI	=	38	-	95	l/min	@	152	bar	3 x 1/2"	3000	1/2" NPT MALE	1/2" NPT MALE	1/2" NPT MALE				
Pullmaster M25	60	-	90	GPM	@	2500	PSI	=	227	-	341	l/min	@	172	bar	2 x 1 1/2", 1 x 3/4"	3000	1-1/2" NPT MALE	1-1/2" NPT MALE	3/4" NPT MALE				
Pullmaster M50	60	-	90	GPM	@	2500	PSI	=	227	-	341	l/min	@	172	bar	2 x 1 1/2", 1 x 3/4"	3000	1-1/2" NPT MALE	1-1/2" NPT MALE	3/4" NPT MALE				
Lantec 540	90	-	100	GPM	@	2500	PSI	=	341	-	379	l/min	@	172	bar	2 x 1 1/2", 1 x 3/4"	3000	1-1/2" NPT MALE	1-1/2" NPT MALE	3/4" NPT MALE				
Hydraulic Trip																								
Extend/Retract	20			GPM	@	2500	PSI	=	76			l/min	@	172	bar	2 x 3/4"	3000	3/4" NPT MALE	3/4" NPT MALE	N/A				
Gate Cylinders																								
Per Function	5	-	10	GPM	@	3000	PSI	=	19	-	38	l/min	@	207	bar	<p>Please Note: For Gate Cylinders and Drills; hose Diameters, Hose Ratings and Gates Numbers vary as they are customized for each application. Please Contact Birmingham Parts directly for more information. 1.905.528.729 ext 237 or Toll Free 1.800.668.9432 ext 237</p> <p>ISO VG 68 hydraulic oil should be used in a power pack with adequate cooling for drills to maintain minimum oil viscosity.</p>								
Drills																								
Mark 1	40	-	75	GPM	@	5000	PSI	=	151	-	284	l/min	@	345	bar									
BHD-40	75	-	100	GPM	@	5000	PSI	=	284	-	379	l/min	@	345	bar									
BRC-75	80	-	105	GPM	@	4600	PSI	=	300	-	400	l/min	@	325	bar									
BHD-80	100	-	200	GPM	@	5000	PSI	=	379	-	757	l/min	@	345	bar									

GPM – Gallons per Minute | PSI – Pounds per Square Inch | l/min – Liters per Minute | bar