

Berminghammer Foundation Equipment 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	
Spotter Cylinders																				
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
Vertical Travel	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
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	1" 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	1" 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	1" 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 Berminghammer Parts directly for more information.</p> <p>For BHD-40 and BHD-80 drills, ISO VG 68 hydraulic oil should be used in a power pack with adequate cooling for drills to maintain minimum oil viscosity.</p> <p>For the BRC-75 drill, oils that have a viscosity of 20-43 cSt oil at operating temperatures typical for the base machine must be used.</p>				
Drills																				
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