

Magnus II Hydraulic Set Dual String Packer

The Magnus II is a dual string , hydraulic set, double grip retrievable production packer. The Magnus II is an ideal submersible pump packer, and is also available with additional bores for ESP Cable, chemical injection lines, control lines, and well monitoring devices.

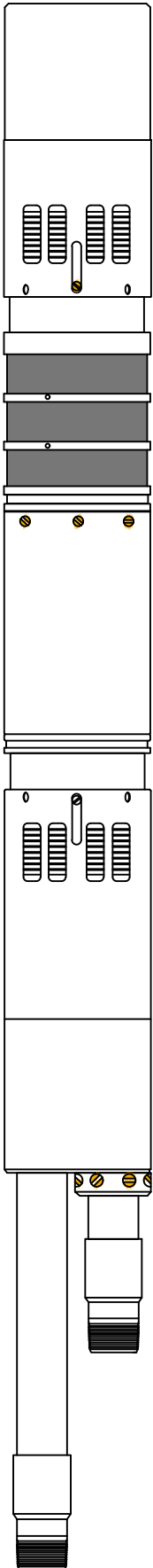
The Magnus II has sequential upper slip releasing system that is designed to release each slip individually to reduce the pull required to release the packer. The angles on the slips, cone, and upper slip body results in release forces that allow the penetration of the slip to be released smoothly from the casing.

Packer Features

- Upper slip releasing system
- Tension force to release packer is easily adjusted before running
- All components locked to prevent preset
- Release shear pins not affected by differential pressure
- Short and compact, ideal for doglegs and deviated wells
- Setting cylinder below elements eliminates all of the critical o-rings after setting.

Benefits :

- Multiple-zone isolation
- High volume instrumented applications
- Monitoring, gas venturing, chemical injection, and hydraulic line access
- Deviated and horizontal wells,
- Submersible pump installations.



Casing		Recommended hole size (inches)	Tool O.D. (Inches)	Long String		Short String	
Size (Inched)	weight (Lbs/ft)			Connection	Min. I.D. (Inches)	Connection	Min. I.D. (Inches)
7	17.0 - 26.0	6.276 - 6.538	6.062	2-3/8 EUE	1.94	2-3/8 EUE	1.94
				2-7/8 EUE	2.50	1.900 EUE	1.61
					2.50	1.900 EUE	1.50
	26.0 - 32.0	6.094 - 6.276	5.938	2-3/8 EUE	1.94	2-3/8 EUE	1.94
				2-7/8 EUE	2.50	1.900 EUE	1.50
				2-7/8 EUE	2.50	1.900 NUE/ 1.900 EUE	1.50
				2-7/8 EUE	2.50	1.900 EUE	1.50
29.0 - 35.0	6.004 - 6.184	5.875	2-3/8 EUE	1.94	2-3/8 EUE	1.94	
9-5/8	32.3 - 40.0	8.835 - 9.001	8.615	3-1/2 EUE	3.00	1.900 EUE	1.61
						2-3/8 EUE	1.94
						2-7/8 EUE	2.44
				4-1/2 EUE	4.00	1.900 EUE	1.61
	32.3 - 47.0	8.681 - 9.001	8.50	3-1/2 EUE	3.00	3-1/2 EUE	3.00
	36.0 - 43.5	8.755 - 8.921	8.50	3-1/2 EUE	3.00	2-3/8 EUE	2.00
						2-7/8 EUE	2.39
						4-1/2 EUE	4.00
	47.0 - 53.5	8.535 - 8.681	8.312	3-1/2 EUE	3.00	1.900 EUE	1.61
						1.900 EUE	1.61
						2-3/8 EUE	2.00
2-7/8 EUE						2.39	
3-1/2 EUE						3.00	