

# MAXIMUS

Completion Systems

## SERVICE PACKERS



**Magnus HD Packer**  
**Service Packer with Built-in**  
**Unloader Valve**  
**Product No.: MHD-513**



### Magnus HD Packer Service Packer with Built-in Unloader Valve

Magnus HD Retrivable Packer is a high pressure, full opening, compression set tools for squeeze cementing, acidizing, fracturing and other stimulation procedures. This tool features a pressure-balance unloader that closes when the packer sets.

While pressure aids in maintaining the seal, the unloader can be easily opened under high differential pressure. The large internal by-pass reduces swabbing when running and retrieving.

#### Special Features:

- Large internal by-pass
- Built in pressure-balanced unloader
- ¼ turn set-straight pick up release (standard)
- Equalizing ports directly above elements
- Additional J-slot arrangements available





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**Casing & Packer Dimension Table**

Casing		Cased Hole Size (inches)	Packer O.D (inches)	Packer I.D (inches)	Connection Box x Pin
Size (inches)	Weight (PPF)				
4-1/2"	9.5-13.5	3.920-4.090	3.750	1.88	2-3/8" EUE
	11.6-15.1	3.826-4.000	3.656	1.75	
5.00"	11.5-15.0	4.408-4.560	4.125	1.88	2-3/8" EUE
	18-21	4.154-4.276	3.969		
5-1/2"	14-20	4.778-5.012	4.625	2.00	2-3/8" EUE
	20-23	4.670-4.778	4.500		
6-5/8"	24-32	5.675-5.921	5.500	2.50	2-7/8" EUE
7.00"	17-26	6.276-6.538	6.000	2.50	2-7/8" EUE
	24-29.7	6.184-6.336	6.672		
	26-32	6.094-6.276	5.875		
7-5/8"	33.7-39	6.625-6.765	6.453	2.50	2-7/8" EUE
9-5/8"	32.5-43.5	8.755-9.001	8.500	4.00	4-1/2" EUE
	43.5-53.5	8.535-8.755	8.250		
10-3/4"	32.75-45.5	9.950-10.192	9.700	4.00	4-1/2" EUE
	51-65.7	9.560-9.850	9.312		4-1/2" EUE
11-3/4"	42-65	10.682-11.084	10.348	4.00	4-1/2" EUE
13-3/8"	54.5-77	12.275-12.615	12.000	4.00	4-1/2" EUE

Note\*: Elastomers available: Nitrile, HNBR, HSN, Viton, Aflas

