

Description

Omegamatic Packer

The Omegamatic Packer is a high performance, deep well, compressionset Retrievable Packer, used primarily to Squeeze Cementing, Acid Stimulations, Hydraulic Fracturing and Well Testing operations.

This packer uses an integral pressure actuated hydraulic hold down Button Slip System to securely hold the packer in place during high pressure service operations. The actuating pressure for the hold down Slip System is taken from below the elements, and not directly from the tubing. This prevents any solids or cement from entering the hold down Slip System.

The Omegamatic Packer also features an integral Bypass System for equalizing differential pressure across the packer when releasing.

This large Bypass is designed to protect the Hydraulic Slips when running in, as well as permitting easier circulation.

This packer may be run as either Left Hand Set or Right Hand Set. A Retrievable Bridge Plug may be run in tandem with the Omegamatic Packer, if required.



Features

Dependable three element packing system

Holds pressure from above and below

Full bore mandrel

Large internal bypass

Hydraulic hold down buttons

Available with either manual or auto. Jays, left or right hand set



Specifications

Casing		Min.	Max.	Thread Connection	Packer	
Size	Weight	ID	ID		Max. OD	Min ID
In.	Lb/ft	In.	In.	Standard	In.	In.
4 ½	9.5-13.5	3.920	4.090	2 3/8 EUE 8RD	3.771	1.940
5	15.0-18.0	4.276	4.408		4.125	1.940
5	11.5-13.0	4.940	4.560		4.250	1.940
5 ½	20.0-23.0	4.670	4.778		4.500	1.940
5 ½	15.5-17.0	4.892	4.950		4.641	1.940
5 ½	13.0-15.5	4.950	5.044		4.781	1.940
5 ¾	16.1-24.6	4.882	5.197		4.744	1.940
6 5/8	24.0-28.0	5.921	6.049	2 7/8 EUE 8RD	5.625	2.440
7	32.0-35.0	6.004	6.094		5.812	2.440
7	26.0-29.0	6.184	6.276		5.968	2.440
7	23.0-26.0	6.276	6.366		6.078	2.440