

HD

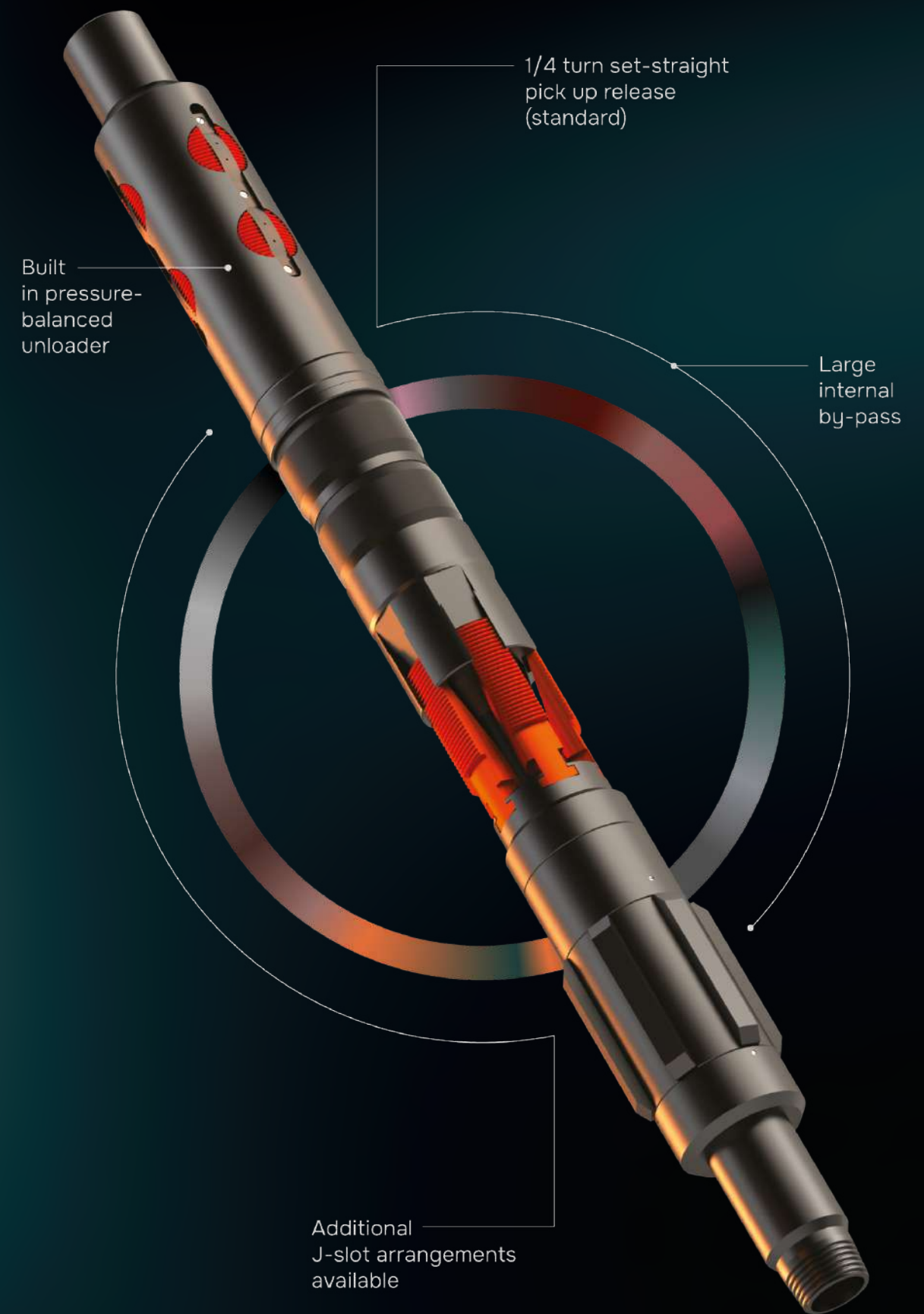
RETRIEVABLE PACKER

DESCRIPTION

HD Retrievable Packer is a heavy-duty service packer suited for all types of formation fracturing, high pressure acidizing and etc. It is a large opening compression set packer with hydraulic button-type hold down. This packer withstands high pressure from above or below and uses a 3-element packing system, J-slot, and a drag block mechanism for easy setting. This packer has a built-in unloader which circulates across the hold down buttons to improve retrievability and run-in performance.

FEATURES

- Large internal by-pass
- Built in pressure-balanced unloader
- 1/4 turn set-straight pick up release (standard)
- Equalizing ports directly above elements
- Additional J-slot arrangements available



 PACKERS			HD RETRIEVABLE PACKER		
Casing size in – [mm]	Casing Weight Min-Max [lbs/ft]	Wall thickness Min-Max [mm]	Tubing Size in – [mm]	Packer OD in – [mm]	Packer ID in – [mm]
4 - [101,6]	9.5 - 11	5,74 - 6,65	1,9 - [48,3]	3,25 - [82,6]	1,5 - [38,1]
4,5 - [114,3]	9,5 - 13,5	5,21 - 7,37	2,375 - [60,3]	3,75 - [95,3]	1,94 - [49,3]
	13,5 - 15,1	7,37 - 8,56	2,375 - [60,3]	3,65 - [92,7]	1,94 - [49,3]
5 - [127]	11,5 - 15	5,59 - 7,52	2,375 - [60,3]	4,125 - [104,8]	1,94 - [49,3]
	18 - 21,4	9,19 - 7,72	2,375 - [60,3]	4 - [101,6]	1,94 - [49,3]
5,5 - [139,7]	14 - 20	6,2 - 9,17	2,875 - [73]	4,625 - [117,5]	2,38 - [60,5]
	20 - 23	9,17 - 10,54	2,875 - [73]	4,5 - [114,3]	2,38 - [60,5]
5,75 - [146,1]	18,1 - 19,7	7,72 - 8,51	2,875 - [73]	4,875 - [123,8]	2,38 - [60,5]
	21,8 - 24,2	9,53 - 10,67	2,875 - [73]	4,625 - [117,5]	2,38 - [60,5]
6,625 - [168,3]	20 - 24	7,32 - 8,94	3,5 - [88,9]	5,75 - [146,1]	3 - [76,2]
	24 - 28	8,94 - 10,59	3,5 - [88,9]	5,5 - [139,7]	3 - [76,2]
7 - [177,8]	20 - 26	6,91 - 9,19	3,5 - [88,9]	6 - [152,4]	3 - [76,2]
	26 - 32	9,19 - 11,51	3,5 - [88,9]	5,875 - [149,2]	3 - [76,2]
7.625 - [193.7]	24 – 29.7	7.62 – 9.52	3.5 - [88.9]	6.672 - [169.5]	3 - [76.2]
	33.7 - 39	10.92 – 12.7	3.5 - [88.9]	6.453 - [163.9]	3 - [76.2]
8.625 - [219.1]	20 – 28	5.52 - 7.73	4.5 - [114.3]	7.75 - [196.85]	4 - [101.6]
	24 - 40	6.71 - 11.43	4.5 - [114.3]	7.5 - [190.5]	4 - [101.6]
9.625 - [244.5]	32.3 – 43.5	7.92 – 11.05	4.5 - [114.3]	8.5 - [215.9]	4 - [101.6]
	43.5 – 53.5	11.05 – 13.84	4.5 - [114.3]	8.25 - [209.55]	4 - [101.6]
10.75 - [273.05]	32.75 – 45.5	7.09 - 10.16 1	4.5 - [114.3]	9.625 - [244.5]	4 - [101.6]
	51 – 65.7	1.43 - 15.11	4.5 - [114.3]	9.312 - [236.52]	4 - [101.6]
	65.7 – 91.2	15.11 – 20.24	4.5 - [114.3]	8.813 – [223.85]	4 - [101.6]
13.375 - [168.3]	54.5 - 77	9.65 - 13.95	4.5 - [114.3]	12 - [304.8]	4 - [101.6]
SYMOIL PRODUCTS CATALOGUE					