

ACUTE-SPO™ - The world's most versatile Compact Flange tensioner

Expanding upon our patent-pending **ACUTE™** platform, ACUTENSION's **ACUTE-SPO™** range offers a more slender fit, and 30% greater load capacity than standard hydraulic tensioners.

Working in tandem with our uniquely developed line of high-flow pumps, **ACUTE-SPO™** sits proudly as the fastest, most comprehensive, most value-efficient 150 MPa tensioners available on the market today.

More than just a solutions provider, ACUTENSION ensures downstream efficiency gains and business acceleration by ensuring unparalleled safety and accuracy via our patented **Acu-Safe™** safety system; with even greater load and stroke capacity in reserve should this ever be required.



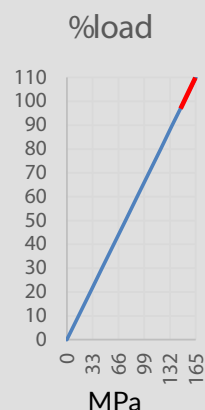
ACUTE-SPO™ contains all of the additional functionality offered by our **ACUTE™** range. Available in sizes from ACUTE0 (M20, ¾") to ACUTE72 (M100/4"), ACUTENSION assures inventory efficiencies by allowing customers to interchange between ranges to satisfy all hydraulic bolt tensioning operations.

Designed to be easily customisable, ACUTENSION also guarantee the fastest possible turnaround on specials should the application necessitate.

ACUTE-SPO™ - the only hydraulic tensioner range Oil & Gas customers will ever need.

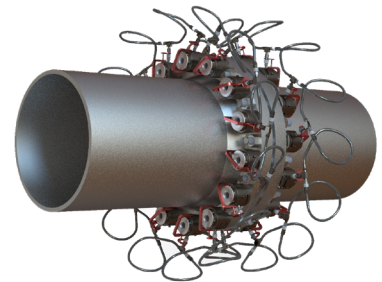
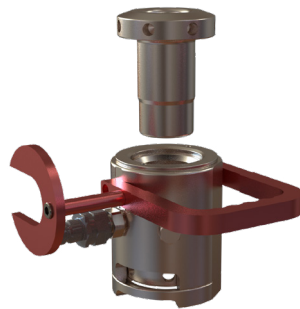
ACUTE-SPO™ features:

- Standard Mode and Over-Drive Mode
- Highest available maximum stroke
- Spherical interface for unparalleled misalignment protection
- Monobody shim design for optimised load path and NRS captivation
- NRS shim available in custom footprints, thicknesses and materials
- Supplied with **Acu-Safe™** patented safety system to prevent:
 - Thread strip
 - Bolt fracture
 - Fatigue limit
- Versatile, durable monobody design
- All sizes available from stock
- Engineered for:
 - SPO/Compact
 - ANSI/ASME B16.47/API
 - Wind/Cranes/Heavy Industry
- Nitride anti-wear and anti-corrosion
- Dual max stroke indication
- Test bolt FAT and CE marked





To Suit Sizes:		Standard - Max pressure (MPa)	Standard - Max load (kN)	Over-Drive Mode - Max Pressure (Mpa)	Over-Drive Mode - Max load (kN)	Load cell mass with shims (kg)	Puller Weight (kg)	Total Weight (kg)	Effective Tool Diameter (mm)	Height (mm)	
3/4"	M20	150	160	165	176	1.5	0.5	2	59	111	ACUTE0
7/8"	M24		187		206	1.9	0.6	2.5	65		ACUTE11
1"	M27		246		271	2.3	0.7	3	77		ACUTE12
1 1/8"	M30		325		358	2.8	1	3.8	86		ACUTE2
1 1/4"	M33		413		454	3.5	1.5	5	99		ACUTE21
1 3/8"	M36		514		565	4.4	1.6	6	111	132	ACUTE31
1 1/2"	M39		625		688	6.5	2	8.5	115		ACUTE32
1 5/8"	M42		747		822	8	3	11	127		ACUTE33
1 3/4"	M45		890		979	8.9	3.6	12.5	136	133	ACUTE41
1 7/8"	M48		1024		1126	10	4	14	144		ACUTE42
2"	M52		1179		1297	11.8	4.2	16	156		ACUTE43
2 1/4"	M60		1521		1673	18.2	5.8	24	174	195	ACUTE51
2 1/2"	M64		1907		2098	23	8	31	192		ACUTE52
2 3/4"	M68		2111		2322	26.5	9.5	36	211		ACUTE53
3"	M76		2539		2793	31	14	45	219	232	ACUTE6
3 1/4"	M85		3006		3307	42	16	58	245		ACUTE61
3 1/2"	M90		3513		3864	53	18	71	254	254	ACUTE71
3 3/4"	M95										
4"	M100		4644		5108	72	25	97	297		ACUTE72



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