

# Hydraulic Boom Vangs

Sailtec manufactures boom vang in the same manner as its standard cylinders. The boom vang has a nitrogen return system and in most cases will support the weight of the boom, eliminating the need for a topping lift.

- ◆ Tension is 5000 psi or 350 bar.
- ◆ Return force is at 500 psi or 35 bar.
- ◆ Length is pin-to-pin closed and will be adjusted to meet your EXACT REQUIREMENTS, and may be subject to custom length charges.
- ◆ Stainless cylinders available.
- ◆ Standard finish is hard coat black anodized.



Hydraulic Boom Vang

CYLINDER SIZE	MODEL NO.	PISTON ROD SIZE		TENSION AT 5000 PSI		LENGTH		STROKE		RETURN FORCE	
		INCH	MM	LB	KG	INCH	MM	INCH	MM	LB	KG
-08	-08BV	1/2"	12.7	3300	1500	60"	1524	9.5"	241	400	180
-10	-10BV	5/8"	16.0	4750	2100	70"	1778	9.5"	241	620	280
-12	-12BV	3/4"	19.0	6500	2850	72"	1828	10.0"	254	883	405
-17	-17BV	7/8"	22.0	8300	3820	76"	1955	11.0"	279	1202	547
-22	-22BV	7/8"	25.0	12500	5600	84"	2132	11.0"	279	1600	726
-30	-30BV	1-1/4"	32.0	21200	9615	as specified		12.0"	305	2450	1110
-40	-40BV	1-1/4"	32.0	29900	13560	as specified		12.0"	305	3600	1635
-60	-60BV	1-1/2"	38.0	39980	18100	as specified		14.0"	356	4810	2180
-90	-90BV	1-3/4"	45.0	51810	23500	as specified		16.0"	406	6283	2850
-110	-110BV	2-1/8"	51.0	64430	29100	as specified		18.0"	457	7950	3620
-150	-150BV	2-3/8"	60.0	77100	35000	as specified		18.0"	457	9820	4450

Data subject to change.

### Boom Vang Jaw Specifications

SIZE	JAW MODEL NO.	A-GAP		B-PIN		C-PIN & DEPTH		D-SLOT DEPTH	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM
-08	108 650 Upper	0.440	11.1	7/16"	11.1	0.71	18.1	1.74	44.0
	108 600 Fixed	0.510	12.5	7/16"	11.1	0.68	17.3	1.60	40.6
-10	110 600 Upper	0.680	17.0	1/2"	12.7	0.93	23.6	1.80	45.7
	110 650 Fixed	0.660	16.7	1/2"	12.7	1.06	26.9	1.85	46.7
-12	112 600 Upper	0.687	17.4	5/8"	15.9	1.03	26.1	2.38	60.4
	112 650 Fixed	0.660	16.7	5/8"	15.9	1.13	28.7	2.16	54.8
-17	112 608 Oil	0.660	16.7	5/8"	15.9	1.03	26.1	2.68	68.0
	117 650 Fixed	0.650	16.7	5/8"	15.9	1.13	28.7	2.16	54.8
-22	122 608 Oil	0.660	16.7	5/8"	15.9	1.03	26.1	2.68	68.0
	122 650 Fixed	0.660	16.7	5/8"	15.9	1.13	28.7	2.16	54.8
-30	130 608 Oil	0.875	22.2	3/4"	19.0	1.35	34.3	3.69	93.7
	122 650 Fixed	0.787	20.0	3/4"	19.0	1.53	38.8	3.25	82.5
-40	140 608 Oil	1.000	25.4	7/8"	22.0	1.35	34.3	3.69	93.7
	130 650 Fixed	1.000	25.4	7/8"	22.0	1.33	33.8	2.85	72.4
-60	160 608 Oil	1.250	31.8	1.0"	25.4	1.88	47.7	3.50	88.9
	140 650 Fixed	1.250	31.8	1.0"	25.4	1.88	47.7	3.25	82.5
-90	190 608 Oil	1.250	32.0	1-1/4"	32.0	2.87	52.6	4.51	116.1
	160 650 Fixed	1.250	32.0	1-1/4"	32.0	2.87	52.6	4.38	111.2
-110	1110 608 Oil	1.375	35.0	1-3/8"	35.0	2.33	59.1	5.50	140.0
	190 650 Fixed	1.375	35.0	1-3/8"	35.0	2.50	63.1	5.50	140.0
-150	1150 608 Oil	1.500	38.0	1-1/2"	38.0	2.70	68.5	6.00	154.0
	1110 650 Fixed	1.500	38.0	1-1/2"	38.0	2.80	65.8	6.00	154.0

Data subject to change.



Oil Jaw

Made of the SAME HIGH QUALITY materials used for Sailtec cylinders, vang jaw have heavier piston rods than cylinders. Models -17 and larger have a passage in the piston rod to permit plumbing the system pressure to the ram jaw to reduce the amount of the deck hose.

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