

Air Winch Selection Guide

330 to 22000 lb (150 to 10000 kg) capacity



Utility air winch quick selection guide

(See specific series for complete technical information)

LIFTING: ANSI/ASME B30.16 allowable rated line pulls (5:1 design factor)

Utility models	First layer				Mid Layer				Top Layer				Average flow required	
	Capacity		Speed		Capacity		Speed		Capacity		Speed		cfm	m ³ /min.
	lbs	kg	fpm	m/min	lbs	kg	fpm	m/min	lbs	kg	fpm	m/min		
LS150R	455	207	103	31	380	173	115	35	330	150	138	42	78	2.2
LS300R	840	382	56	17	740	336	63	19	660	300	69	21	78	2.2
BU7A	1200	545	36	11	1000	454	43	13	1000	454	39	12	50	1.4
LS600R	1680	764	26	8	1480	673	30	9	1325	600	34	10	78	2.2
EU, EUL	2100	955	62	19	2000	909	68	21	2000	909	64	20	100	2.8
LS1500R ⁽¹⁾	4000	1818	19	6	3600	1636	21	6	3300	1500	23	7	125	3.5
FA2B	5000	2273	79	24	4000	1818	96	29	3200	1455	122	37	350	9.9
FA2.5A	5000	2273	119	36	5000	2273	114	35	4100	1864	141	43	700	19.8
HU40A	5000	2273	44	14	4000	1818	57	18	3200	1455	70	22	291	8.2
LS2000R	6200	2818	47	14	5150	2341	56	17	4400	2000	66	20	354	10.0
FA2	6600	3000	31	9	5200	2364	40	12	4400	2000	47	14	280	7.9
FA2.5	7000	3182	97	30	5800	2636	117	36	5000	2273	132	40	700	19.8
FA5A	11400	5182	40	12	10000	4545	50	15	8000	3636	62	19	700	19.8
FA5T	12500	5682	47	14	11300	5136	52	16	8400	3818	70	21	700	19.8
FA5	12500	5682	47	14	12500	5682	48	15	11000	5000	54	16	700	19.8
LS5000R	15600	7091	23	7	12900	5864	28	9	11000	5000	33	10	354	10.0
FA7T	18800	8545	32	10	16700	7591	37	11	12600	5727	48	15	750	21.2
FA7	18800	8545	32	10	18800	8545	33	10	15400	7000	40	12	750	21.2
FA10	27200	12364	28	9	27100	12319	19	6	22000	10000	23	7	800	22.7

PULLING: ANSI/ASME B30.7 allowable rated line pulls (3.5:1 design factor)

Utility models	First layer				Mid Layer				Top Layer				Average flow required	
	Capacity		Speed		Capacity		Speed		Capacity		Speed		cfm	m ³ /min.
	lbs	kg	fpm	m/min	lbs	kg	fpm	m/min	lbs	kg	fpm	m/min		
BU7A	1500	682	26	8	1200	545	34	10	1000	454	39	12	50	1.4
PS1000R	2200	1000	15	5	1950	886	17	5	1740	791	19	6	78	2.2
EU, EUL	3000	1364	45	14	2600	1182	49	15	2000	909	64	20	100	2.8
FA2B	5100	2318	76	23	4000	1818	96	29	3200	1455	122	37	350	9.9
PS2400R ⁽¹⁾	5280	2400	12	4	4800	2182	13	4	4370	1986	14	4	125	3.5
FA2	6800	3091	29	9	5400	2455	37	11	4500	2045	44	13	280	7.9
FA2.5A	7100	3227	67	20	6400	2909	42	13	5400	2455	45	14	700	19.8
FA2.5	8000	3636	79	24	6600	3000	42	13	5300	2409	119	36	700	19.8
HU40A	5100	2318	42	13	4000	1818	54	17	3200	1455	68	21	291	8.2
PS4000R	8800	4000	13	4	7300	3318	16	5	6200	2818	18	5	354	10.0
FA5A	13100	5955	26/8	8	10000	4545	50	15	8000	3636	62	19	700	19.8
FA5T	18000	8182	32	10	11600	5273	50	15	8600	3909	67	20	700	19.8
FA5	18000	8182	32	10	14100	6409	41	12	11600	5273	50	15	700	19.8
PS10000R	22000	10000	8	2	18300	8318	10	3	15600	7091	11	3	354	10.0
FA7T	27000	12273	23	7	18100	8227	32	10	13600	6182	46	14	750	21.2
FA7	27000	12273	23	7	18100	8227	32	10	13600	6182	46	14	750	21.2
FA10	34000	15455	17	5	27100	12319	19	6	22000	10000	23	7	800	22.7

(1) Standard cable is overwound; LS1500R and PS2400R are underwound.

Note: Adding "-E" to model states compliance with European Machinery Directive. See previous page for explanation of compliance.

It is the user's responsibility to determine the suitability of these winches for any particular use and to check for compliance with applicable regulations.