



SPUR GEAR WINCHES

New X-tra features provide more value

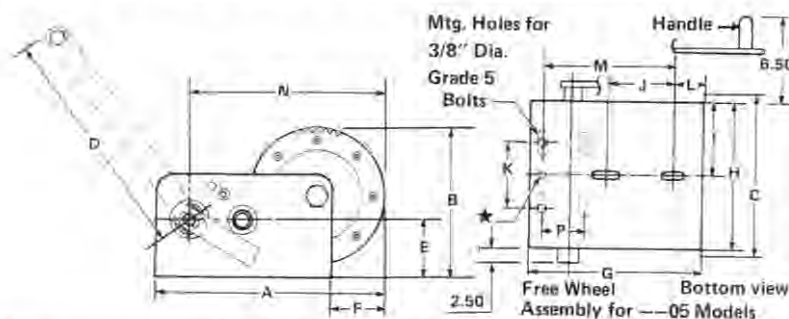
- Gear covers protect gearing from outside interference.
- Bronze bushings oil impregnated, meeting SAE 841 and ASTM B438 specifications, lower friction for longer life and easier cranking.
- Two independent ratchet systems for additional load security.
- New cable clamp is simpler to install.
- Larger handle roller grips better in your hand.
- Double-Disc automatic brake designed for positive load control, both raising and lowering, without having to disengage the ratchet pawl.
- Industry Standards, like ASAE S361.1T, require these features:
 - Low handle efforts at rated loads.
 - Automatic brake load control.
 - Large drum diameters (10X recommended cable size) protect steel cable from damage.

K-4048



SPECIFICATIONS

Model	Max. Rated Line Pull		Max. Cable Size Data (7x19 Galvanized Aircraft Cable)			Mechanical Data			Max. Mech. Adv.	Free Wheel
	1st Layer	Full Drum	Diameter	Test Strength	Drum Storage	Gear Ratio	Handle Length	Drum Hub Dia.		
K-4049	4000 lbs. 1800 kg.	2300 lbs. 1000 kg.	3/8" 9 mm	14,400 lbs. 6,500 kg.	75 ft. 23 m	20.9:1	14" 360 mm	3 3/4" 95 mm	142:1	Yes
K-4050	2500 lbs. 1100 kg.	1500 lbs. 680 kg.	5/16" 8 mm	9,800 lbs. 4,445 kg.	75 ft. 23 m	15.8:1	11" 280 mm	3 1/8" 79 mm	101:1	No
K-4051										Yes
K-4048	1500 lbs. 700 kg.	700 lbs. 320 kg.	1/4" 6 mm	7,000 lbs. 3,175 kg.	98 ft. 27 m	5.1:1	11" 280 mm	2 1/2" 63 mm	41:1	No
K-4053										Yes
K-4055	1000 lbs. 450 kg.	600 lbs. 270 kg.	7/32" 5.5 mm	5,600 lbs. 2,540 kg.	60 ft. 18 m	4.1:1	10" 250 mm	2 1/4" 57 mm	33:1	No



WORK WINCH CAPACITY RATINGS

The maximum rated line pull is the greatest pulling force that should be exerted by the winch. As cable wear layers build up on the drum, the mechanical advantage of the winch is reduced, so the rating must be reduced as well. The full drum ratings are the maximum pull developed without exceeding 50 lbs. of handle input force. To meet ASAE standard S361.1T, the maximum rated line pull is limited to 20% of cable test strength for the cable being used. For complete details, refer to ASAE Standard S361.1T.

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P
K-4049	12.21	7.68	11.00	14.50	3.09	2.88	9.34	7.50	3.75	2.13	3.12	1.59	6.31	10.50	1.75
K-4050	11.31	7.25	9.40	11.50	2.08	2.69	8.62	7.07	3.54	3.19	3.12	.94	6.46	9.81	—
K-4051	11.31	7.25	11.90	11.50	2.08	2.69	8.62	7.07	3.54	3.19	3.12	.94	6.46	9.81	—
K-4048	8.84	7.13	7.11	11.50	2.43	2.75	6.09	5.17	2.59	—	2.12	1.63	3.88	7.13	—
K-4053	8.77	7.06	8.93	11.50	2.43	2.68	6.09	5.17	2.59	—	2.12	1.63	3.88	7.06	—
K-4055	7.62	6.13	6.78	10.63	1.91	2.38	5.25	4.06	2.03	—	2.12	1.19	3.43	5.75	—