



W.J. KEATING LIMITED

WORM GEAR WINCHES FOR HAND OPERATION

FULLY ENCLOSED GEARS IN OIL BATH
FOR LONG LIFE AND SMOOTH OPERATION



FEATURES

WORM GEAR WINCHES—seem less efficient because they are slow and harder to turn, but since the worm gearing does retard movement these winches if outfitted with the *Disc Brake are generally recommended over the spur gear type for loads which need lifting.

DRUM and GEARCASE—of all worm gear hand-operated models are of cast iron, the **FRAME** is of steel.

WORM GEAR—is machine cut of cast iron, the **WORM** is of steel.

HANDLE—adjusts easily to turn either on a small radius for light loads, or on a larger radius for heavier loads.

HANDLE SLEEVE—is free turning to provide an easy grip.

WORM GEARS—may be self-locking when new but can lose this feature with wear-in, vibration, shock loads, climate changes, handle movement to start the load, or other conditions. Consequently, loads should be additionally held by locking the handle against turning or locking the load with pins or chain, or a *Disc Brake.

MODEL NUMBER			462	472	482
LOAD RATING (2 layers)	lbs		1000	2000	4000
	kg		450	900	1800
LOAD RATING (full drum)	lbs		400	1000	2000
	kg		180	450	900
DRUM CAPACITY (feet)	CABLE SIZE	1/8	125	315	1235
		3/16	55	140	550
		1/4		75	300
		5/16		50	200
		3/8			140
		1/2			80
GEAR RATIO			15:1	24:1	26:1
‡PULL REQUIRED TO LIFT 1000 lbs (Approx.)			34	15	31
Part No.			077- 5003	077- 5209	077- 5405



* DISC BRAKE

Replaces the regular handle, to provide load-holding ability in the play out of the cable. The Model B441 Disc Brake handle can be adopted onto Worm Gear Hand Winch Models 472 and 482.

A winch not equipped with the Disc Brake should never be used for lifting, lowering, or dragging loads on an incline.