



W.J. KEATING LIMITED

ELECTRIC POWER WINCH SPUR/ WORM COMBINATION

**NOT FOR LIFTING PEOPLE
OR THINGS OVER PEOPLE**

**OUR LIGHTWEIGHT ANSWER
TO YOUR HEAVYWEIGHT PROBLEMS**

K-2076



OPTIONS:

SPECIAL DRUMS —

- Grooved Drum(s)
- Center Flange
- Non-standard Drum Sizes

MOTORS — for special (hazardous, special atmosphere, etc.) locations

MAGNETIC CONTROLS — for remote operation at inside/outside/or special locations

WEATHERPROOF BRAKE

LINE SPEED CHANGES

LIMIT SWITCHES — are available for controlling distance of load movement

EMERGENCY HANDLE — for manual operation in power failure

CLUTCH — manually operated, for rapid or long pay-out of cable. (Never use a clutch-equipped winch for vertical or drag-on-incline operations, since accidental release of the clutch could cause the load to drop.)

STANDARD FEATURES:

VERSATILITY — The smooth-running combination (see options) spur/worm gear reduction offers a range of line speeds and load ratings (from 2500 lbs. on the 2 HP model to 6000 lbs. on the 5 HP model), making the 489A a practical choice for a variety of lifting and dragging applications.

CONSTRUCTION — *Frame and Drum* are all-steel weldments. All *bearings* are bronze, with ball thrust bearings on the worm shaft. The *gears* are machine-cut. The spur gears are protected by covers and the worm gears operate in an oil bath, totally enclosed in gear box. All *shafts* are of cold finish steel. The *chain drive* from motor to drive shaft is fully enclosed to protect from dirt and damage.

ELECTRICAL — The standard motor is continuous-duty design B, totally enclosed fan cooled (TEFC), reversible, 230 or 460V three phase. Always specify voltage and phase needed when ordering.

BRAKE — The Electric Brake is standard on all models of the 489A series to augment the varying self-locking tendencies of the worm gearing. A brake is necessary for all applications of lifting, lowering, and pulling on an incline. The option of no brake at a cost savings is available for level dragging operations.

**THESE PRODUCTS ARE NOT FOR LIFTING PEOPLE,
NOR FOR LIFTING THINGS OVER PEOPLE.**

**USE EXTREME CAUTION IN ALL WINCHING
OPERATIONS. READ YOUR OWNER'S MANUAL.**

K-2076 WC

**(with clutch and weatherproof Therm
Electric Brake)**

