

# Spur-Gear Series

## 2 and 5 US Ton winching capacity



### Hand Winches

The LM & HM Series "All Steel" hand winches\* are designed for marine duty and industrial use.

Optional disc brake handle incorporates a "Weston" style load brake to automatically hold the rated load in lifting applications.

#### Standard features:

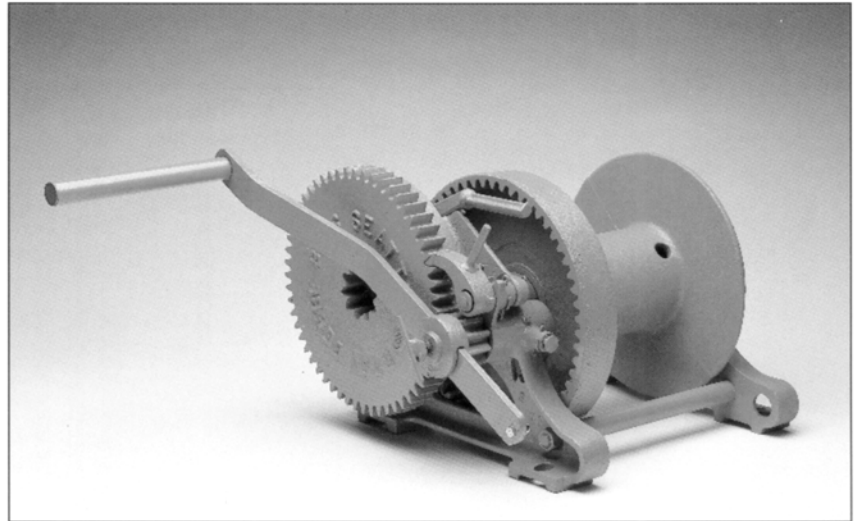
- Cast steel drums and ring gear
- Steel load bearing components, cast steel frames
- Replaceable bronze bushings
- One piece fully adjustable 14" long steel operating handle with pinion
- Spring loaded holding dog with release handle
- Hand operated, adjustable holding brake
- Easy free spooling
- Two speed gear change offers fast cable take up and easier winching

#### Options and Accessories

Description	LM	HM
• 28" diameter hand wheel	1580-2	1580-1
• Hand wheel for units with disc brake handle (SBH)	3628	3628
• Extended shaft pinion 1 7/16" x 12"	2833	991
• Power drive pinion **	1942	1948
• Gear covers	250-B	249
• Disc brake handle	3679	3677
• Marine 812 top coat		
• Reverse dog assembly		
• Drum divider flange		

\*Note: Not recommended for power operation.

\*\*Warning: Accessory drive pinion is intended only for faster cable take-up by power with no load, and should never be used for power driven winch or hoist operation.



5 Ton HM12

#### Spur gear series 2 and 5 Ton specifications

Model	Capacity 1st layer US Tons	Gear Ratio	Drum Capacities (ft)						Ship wt <sup>y</sup> (lbs)
			1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	
LM6	2	4:1/22:1	278	180	133	97	66	-	63
LM6W									
LM10	2	4:1/22:1	464	300	222	161	111	-	77
LM10W									
LM16	2	4:1/22:1	742	480	355	257	177	-	93
LM16W									
HM8	5	4:1/24:1	-	-	358	284	220	123	123
HM8W									
HM12	5	4:1/24:1	-	-	537	425	330	185	131
HM12W									
HM16	5	4:1/24:1	-	-	716	566	440	247	142
HM16W									
HM24	5	4:1/24:1	-	-	1075	850	660	371	163
HM24W									

<sup>y</sup> "W" at the end of the model no. indicates unit is equipped with a handwheel. Allow 19 lbs for hand wheel.

**Warning:** Before installation see maintenance and operations manual for additional warnings and precautions. This equipment is not to be used for lifting, supporting or transporting people, or lifting or supporting loads over people.