



# NATIONAL SERIES 700

TELESCOPING CRANES



**LOAD RATINGS FOR AVAILABLE  
BOOM AND JIB OPTIONS**



**NATIONAL CRANE**  
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**KILDE**

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S700LR4823M

Printed in the United States

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## LOAD RATINGS FOR AVAILABLE BOOM AND JIB OPTIONS

The capacities shown will be reduced when accessories are attached to the boom or loadline.

### Boom and Jib Combinations

#### Telescoping Booms

- Model 739 ..... 22- to 39-foot ..... 2-section
  - Model 756 ..... 22- to 56-foot ..... 3-section
- #### Jib Options (Side-Stowing)
- 21-foot straight (for Models 739, 756)
  - 21- to 35-foot manual pull-out (for Models 739, 756)

### IMPORTANT INFORMATION AND CAUTIONS

#### Do not operate cranes or accessories within 10 feet of live power lines.

- Load ratings shown on these charts are maximum allowable loads with the outriggers properly extended on a firm level surface and the crane leveled and mounted on a factory-recommended truck.
- Always level the crane with the level indicator located on the crane frame.
- The operator must reduce loads to allow for factors such as wind, ground conditions, operating speeds and the effect of freely suspended loads.
- Overloading the crane may cause structural collapse or instability.
- Weights of any accessories attached to the boom or load-line must be deducted from the load chart capacities.
- Do not exceed jib capacities at any reduced boom length.

### Planetary Winch Data

Bare Drum	1 Part	2 Part	3 Part	4 Part
Std. Speed	150 F.P.M.	75 F.P.M.	50 F.P.M.	37 F.P.M.
Std. Line Pull	8,400 Lbs.	16,800 Lbs.	25,500 Lbs.	31,000 Lbs.
Burst-Speed of Line Pull	240 F.P.M.	120 F.P.M.	80 F.P.M.	60 F.P.M.
	3,000 Lbs.	6,000 Lbs.	9,000 Lbs.	12,000 Lbs.

### Caution

Do not dead head line block against boom tip when extending boom. Keep at least 3 wraps of line on drum at all times. Use only 9/16" or 8 x 25F IWRC cable on this machine. Average breaking strength of wire rope 29,400 pounds. Maximum allowable 3.5:1 line pull at design factor is 8,400 pounds.

Maximum bare drum pulls are 10,200 pounds, but because of the 3.5 to 1 OSHA safety factor, maximum rated pull on a single line cannot exceed 8,400 pounds.

