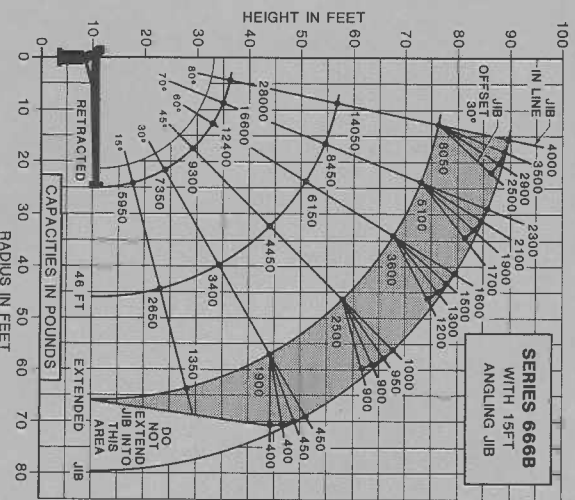
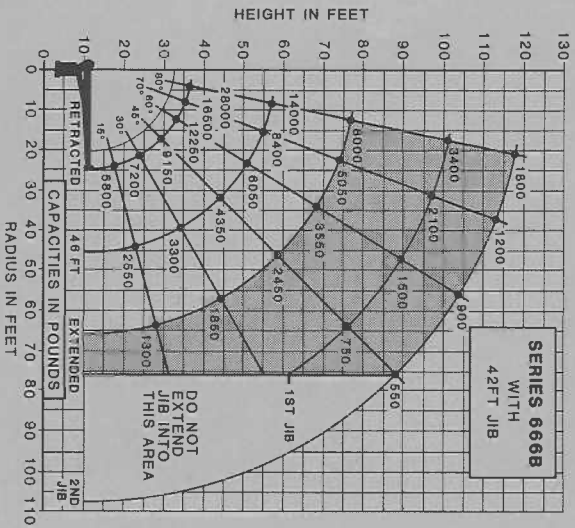
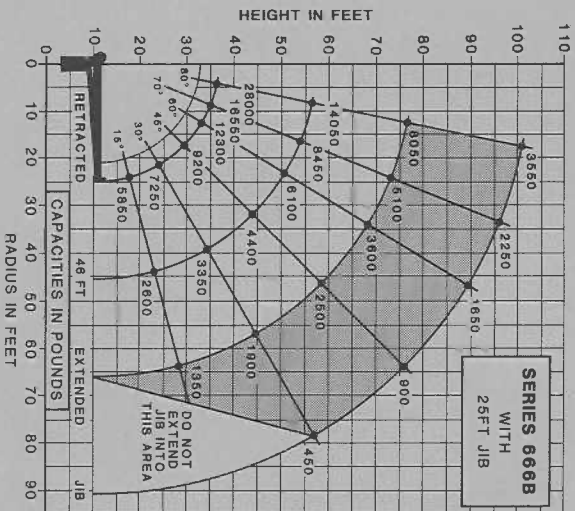
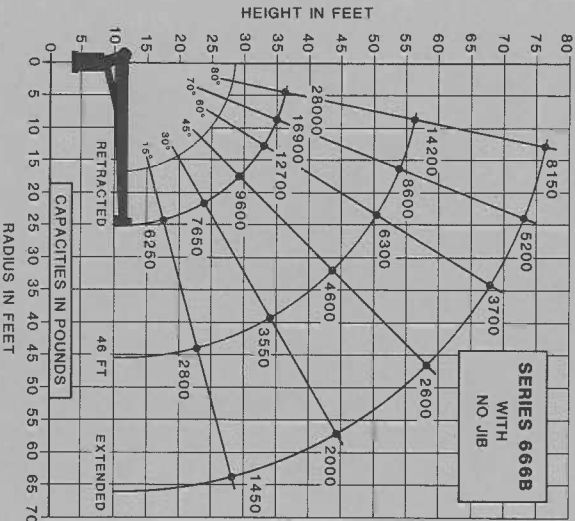
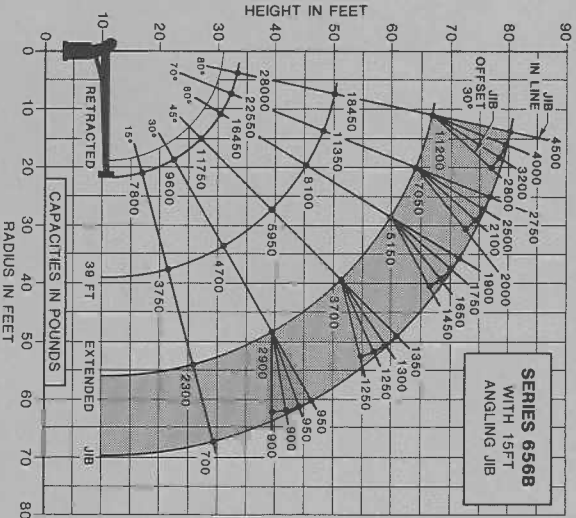
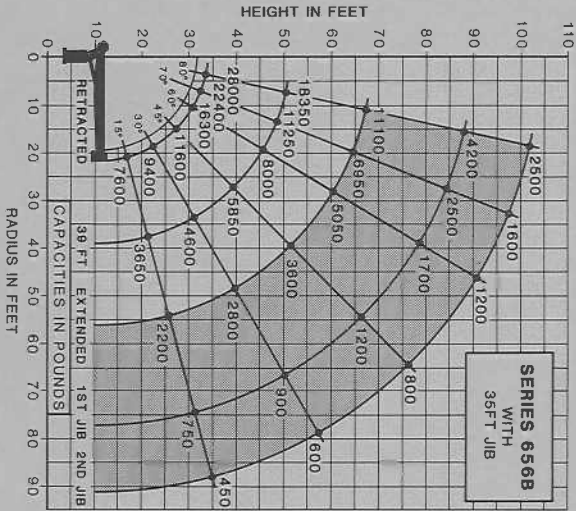


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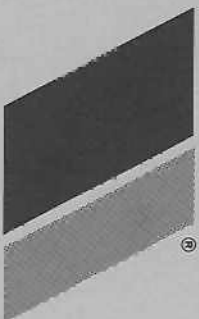


NATIONAL

SERIES 600B

TELESCOPING CRANES

Load Ratings for Available Boom and Jib Options



Boom and Jib Combinations

Telescoping Booms

- Model 638B: 15 2/3- to 38-foot three section
- Model 647B: 18 2/3- to 47-foot three section
- Model 656B: 21 2/3- to 56-foot three section
- Model 666B: 25- to 66-foot three section

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

Jib Options (side stowing)

- Model 6FJ15: 15-foot straight (for Model 638B)
- Model 6FJ18: 18-foot straight (for Model 647B)
- Model 6FJ21: 21-foot straight (for Model 656B)
- Model 6FJ23M: 15- to 23-foot manual pulldown (for Model 638B)
- Model 6FJ25: 25-foot straight (for Model 666B)
- Model 6FJ29M: 18- to 29-foot manual pulldown (for Model 647B)
- Model 6FJ35M: 21- to 35-foot manual pulldown (for Model 656B)
- Model 6FJ42M: 25- to 42-foot manual pulldown (for Model 666B)

NATIONAL SERIES 600B
WINCH DATA

CAUTION:

Do not deadhead lineblock against boom tip when extending boom.

Keep at least three wraps of loadline on drum at all times.

Use only the specified cable on this machine.

NATIONAL SERIES 600B WINCH DATA						
CAUTION:						
Do not deadhead lineblock against boom tip when extending boom. Keep at least three wraps of loadline on drum at all times. Use only the specified cable on this machine.						
Winch	Cable Supplied	Average Breaking Strength	Lift and Speed	Lift and Speed	Lift and Speed	Lift and Speed
Standard Planetary Winch	Standard 9/16" diameter rotation resistant	35,000 lbs.	Data applies to all 600B booms			
	Optional 9/16" diameter 6 x 25 WRC	29,750 lbs.	7,000 lbs. 150 fpm	14,000 lbs. 75 fpm	21,000 lbs. 50 fpm	28,000 lbs. 37 fpm
With Optional Burst-of-Speed Feature**	Same as corresponding cable data shown above		*Applicable to the 666B boom †Applicable to all other Series 600B booms. Speeds shown are the same for all Series 600B booms.			
			7,500 lbs.* 8,400 lbs.† 150 fpm	15,000 lbs.* 16,800 lbs.† 75 fpm	22,500 lbs.* 25,200 lbs.† 50 fpm	28,000 lbs.* 28,000 lbs.† 37 fpm
			3,000 lbs. 240 fpm	6,000 lbs. 120 fpm	9,000 lbs. 80 fpm	12,000 lbs. 60 fpm

All winch pulls and speeds are shown on the third layer (the fourth layer on 666B). Winch pulls would increase on the first and second layers. Winch line speeds would decrease on the first and second layers. Winch line pulls may be limited by the winch capacity or the cable safety factor. These are shown below:

Winch

With standard rotation resistant rope 10,200 pounds

With optional 6 x 25 WRC rope 10,200 pounds

**This feature is available with either the standard or optional cable. Ratings are based on intermittent use. High cycle applications may require optional oil cooler.

Bare Drum Pull

10,200 pounds 7,000 pounds

Allowable Cable Pull

10,200 pounds 8,400 pounds

Important Information and Cautions

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

1. 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 in a factory-recommended configuration.

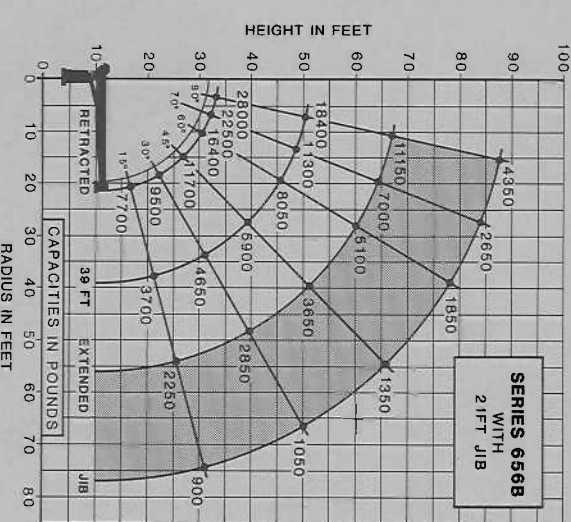
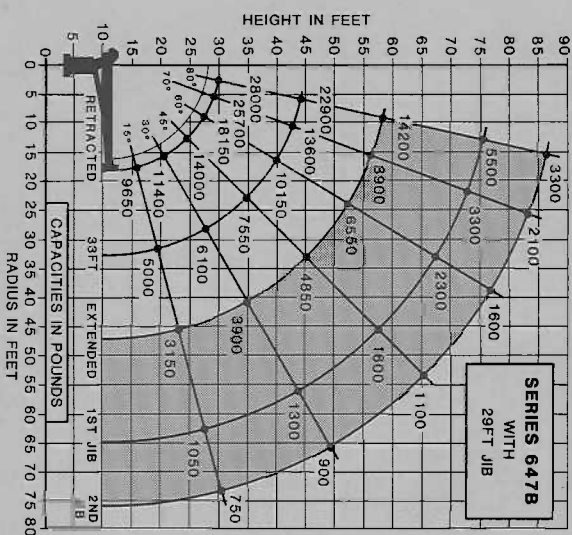
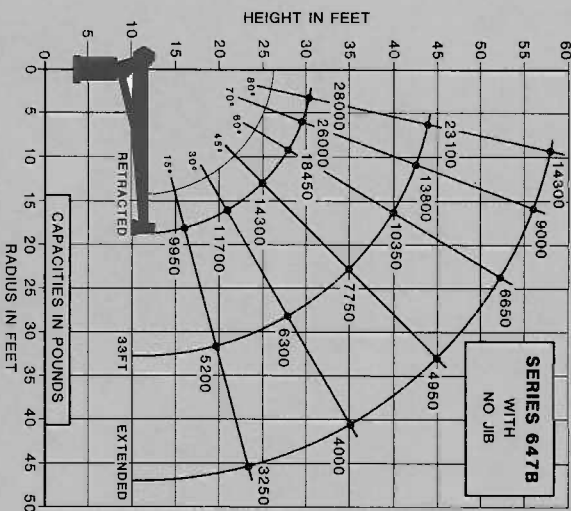
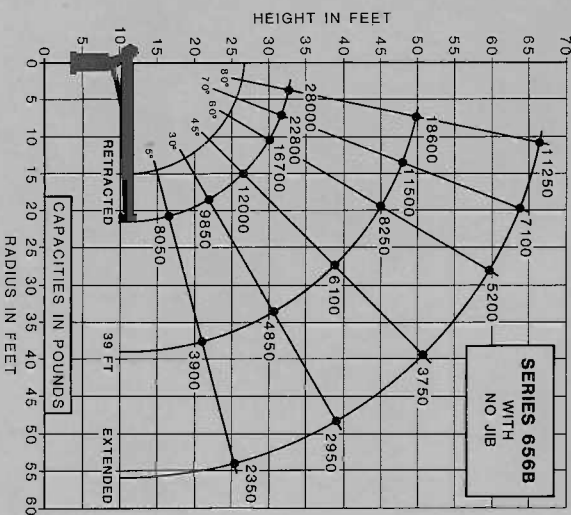
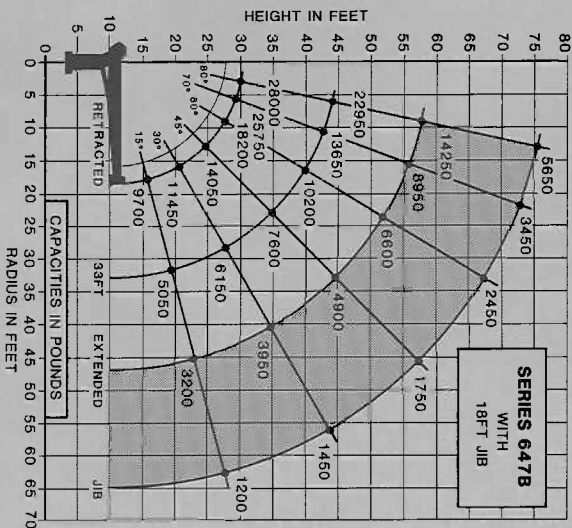
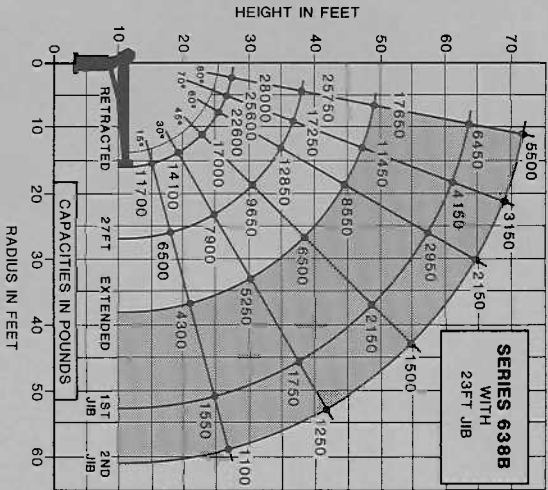
2. Always level the crane with the level indicator on the crane frame.

3. The operator must reduce loads to allow for such factors as wind, ground conditions, operating speeds and the effect of freely suspended loads.

4. Overloading the crane may cause structural collapse or instability.

5. Weights of any accessories attached to the boom or loadline must be deducted from the load chart capacities.

6. Do not exceed jib capacities at any reduced boom length.



National reserves the right to change designs, prices and specifications at any time without notice

Printed in USA

Form No. S600BLR6873M

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