WIRE ROPE SPECIFICATIONS_____ M-250 SERIES 2 SPECIAL

LIFTCRANE - CONTAINER HANDLING
LUFFING JIB NO. 136 ON
BOOM NO. 44 WITH HEAVY LIFT TOP

HOIST LINE WIRE ROPE LENGTHS					
BOOM AND LUFFING JIB LENGTH		HOIST LINE RIGHT REAR DRUM		HOIST LINE LEFT REAR DRUM	
FT.	METERS	FT.	METERS	FT.	METERS
150	45.7	500	152	500	152

NOTES: HOIST LINE LENGTHS GIVEN IN TABLE ARE BASED ON USING TWO - 2 PART HOIST LINES WITH A MAXIMUM LOAD OF 60,000 LBS. (27 220 kg) ON EITHER BLOCK. TOTAL MAXIMUM ALLOWABLE LOAD IS 100,000 LBS. (45 360 kg) AND LIMITED TO TWO LAYERS ROPE.

HOIST LINE LENGTHS GIVEN IN TABLE WILL ALLOW HOOK TO TOUCH GROUND. WHEN BLOCK TRAVEL BELOW GROUND IS REQUIRED, ADD ADDITIONAL ROPE EQUAL TO PARTS OF LINE TIMES ADDED TRAVEL DISTANCE. HOISTING DISTANCE OR LINE PULL MAY BE LIMITED WHEN BLOCK TRAVEL BELOW GROUND IS REQUIRED.

WIRE ROPE SPECIFICATIONS
HOIST LINE: 1-1/8" (29 mm) - 6 X 31 WARRINGTON-SEALE, EXTRA IMPROVED PLOW STEEL (CONTAINER REGULAR LAY, IWRC (MCC PART NO. 719282) HANDLING) MINIMUM BREAKING STRENGTH 130,000 LBS. (58 970 kg) APPROX. WEIGHT = 2.34 LBS. PER FT. (3.48 kg/m)

MAXIMUM SPOOLING CAPACITIES
RIGHT REAR DRUM: 1-1/8" (28.6 mm) WIRE ROPE - 2 LAYERS - 346' (105m) WITH 24-1/2" (622 mm) DIA. LAGGING (HOIST LINE - (CONTAINER HANDLING)
LEFT REAR DRUM: 1-1/8" (28.6 mm) WIRE ROPE - 2 LAYERS - 346' (105m) WITH 24-1/2" (622 mm) DIA. LAGGING (HOIST LINE - (CONTAINER HANDLING)
FRONT DRUM: 1-1/8" (28.6 mm) WIRE ROPE - 8 LAYERS - 2,028' (618m) (HOIST LINE) 2,158' (658m) WITH 24-1/2" (622 mm) DIA. LAGGING
RIGHT REAR DRUM: 1-1/8" (28.6 mm) WIRE ROPE - 8 LAYERS - 1,707' (520m) (HOIST LINE) 1,817' (554m) WITH 24-1/2" (622 mm) DIA. LAGGING
LEFT REAR DRUM: 1-1/8" (28.6 mm) WIRE ROPE - 8 LAYERS - 1,707' (520m) (HOIST LINE) 1,817' (554m) WITH 24-1/2" (622 mm) DIA. LAGGING
20' (6m) IS DEDUCTED FROM MAXIMUM SPOOLING CAPACITIES FOR 3 DEAD WRAPS PER DRUM OR LAGGING.

REFER TO DRUM AND LAGGING CHART NO. 6118-A.