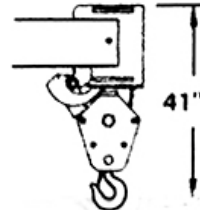


USE SINGLE-PART
LOAD LINE FOR
LOADS TO 9000
LBS.
(WT. 90 LBS.)



USE TWO-PART
LOAD LINE FOR
LOADS TO 18000
LBS.
(WT. 124 LBS.)



CAPACITIES APPLY TO OPERATION ON FIRM LEVEL SURFACE						
LOAD RADIUS FEET	MAIN BOOM OR EXTENSION CAPACITIES IN POUNDS					
	360° ROTATION		OVER FRONT			
	ON RUBBER	ON OUTRIGGERS	ON RUBBER	ON OUTRIGGERS		
MAIN BOOM	5	9400	17000	11400	18000	
	6	7550	14000	10000	14000	
	8	5600	10000	8100	10000	
	10	4300	7700	6100	7700	
	12	3200	6100	4450	6100	
	14	2550	5200	3400	5200	
	16	2050	4400	2700	4400	
	18	1650	3900	2200	3900	
	20	1350	3400	1800	3400	
	22	1150	3050	1550	3050	
	24	1000	2750	1350	2800	
	26	850	2450	1200	2550	
	28	750	2200	1100	2350	
	30	650	1950	1000	2150	
	10' BOOM EXT.	32	450	1750	900	1950
34		350	1600	800	1800	
36		250	1450	700	1650	
38		200	1300	600	1500	
40		150	1150	500	1400	
BOOM EXTENSION		10-FOOT BOOM EXTENSION - STRAIGHT OR OFFSET				
		MAIN BOOM ANGLE				
ANGLE		0°	30°	45°	60°	70°
*10°		2250	2600	3200	5000	7000
115°		---	2400	2700	3500	4200
130°		---	2250	2500	3000	3300

* USE 0° FOR STRAIGHT BOOM EXTENSION.

† USE 0°, 15° OR 30° FOR OFFSET BOOM EXTENSION.

CAUTION BOOM EXTENSION LOADS MUST NOT EXCEED MAIN BOOM CAPACITY.
DO NOT PICK & CARRY WITH LOADS ON BOOM EXTENSION.

CAPACITIES ON OUTRIGGERS ARE 85% OF TIPPING LOADS. CAPACITIES ON RUBBER ARE 75% OF TIPPING LOADS. CAPACITIES BELOW BOLD LINE ARE LIMITED BY TIPPING. OTHER CAPACITIES ARE LIMITED BY STRUCTURAL OR HYDRAULIC CAPABILITY.



DECK CAPACITY 14000 LBS, WITH EMPTY BOOM RETRACTED
OVER FRONT, DECK LOAD CENTERED TO REAR OF FRONT AXLE, LESS
THAN 2 MPH, 200 FT. MAX IN 30 MINUTES ON SMOOTH PAVEMENT.

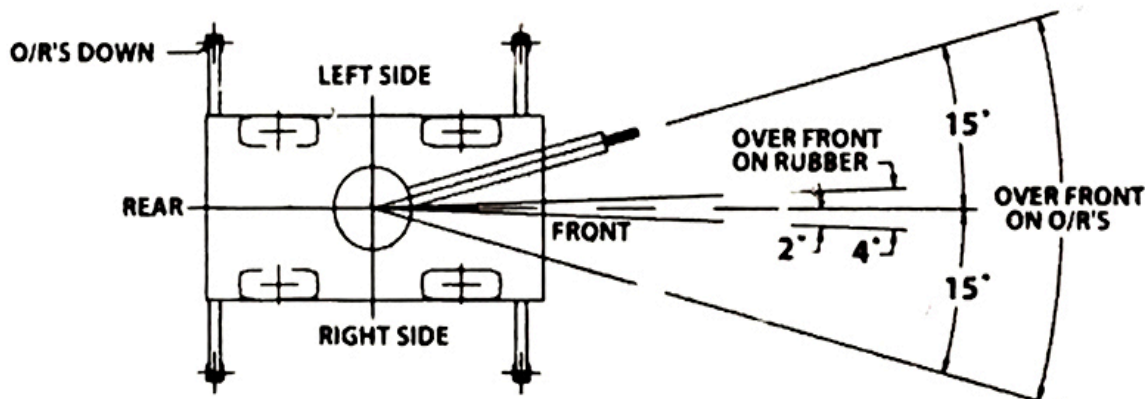
THE BOOMS ON THIS UNIT ARE ALL STEEL AND HAVE NO LINE
VOLTAGE RATING.

MAXIMUM HYDRAULIC PRESSURE 2600 PSI.

BOOM EXTENSION DEDUCT: 100 LBS. WHEN STOWED ON BASE BOOM,
400 LBS. IN WORK POSITION WITH LOAD ON MAIN BOOM.

OPERATION:

- 1 READ AND UNDERSTAND OPERATION MANUAL BEFORE OPERATING CRANE.
- 2 CHECK LEVEL OF HYDRAULIC OIL DAILY
- 3 CHECK UNIT FOR VISIBLE DEFECTS AND LOOSE PARTS
- 4 SET VEHICLE PARK BRAKE SECURELY
5. EXTEND OUTRIGGERS TO SOLID FOOTING AND LEVEL CRANE
- 6 OPERATE ALL HYDRAULIC CONTROLS SLOWLY AND SMOOTHLY



THE LOAD HOIST LINE ON THIS UNIT MUST BE 9/16" DIA. 6 X 37-EIP-IWRC WIRE
ROPE (OR EQUIVALENT) WITH A MINIMUM BREAKING STRENGTH OF 31,500 LBS.

TIRE PRESSURE: 135 PSI FOR 10R15, 18 PR, LR J, RADIAL TIRE

120 PSI FOR 36 X 11-15, 16 PR, BIAS, MINING TIRE.

TORQUE WHEEL NUTS TO 500 FT. LBS. (THESE CONDITIONS MUST BE
MAINTAINED TO HANDLE RATED LOADS ON THIS CRANE)

MODEL NO.

SERIAL NO

DATE OF MFR

IC-80-3G

534973

4/05

BRODERSON MANUFACTURING CORP.
LENEXA, KANSAS

D-651-00417