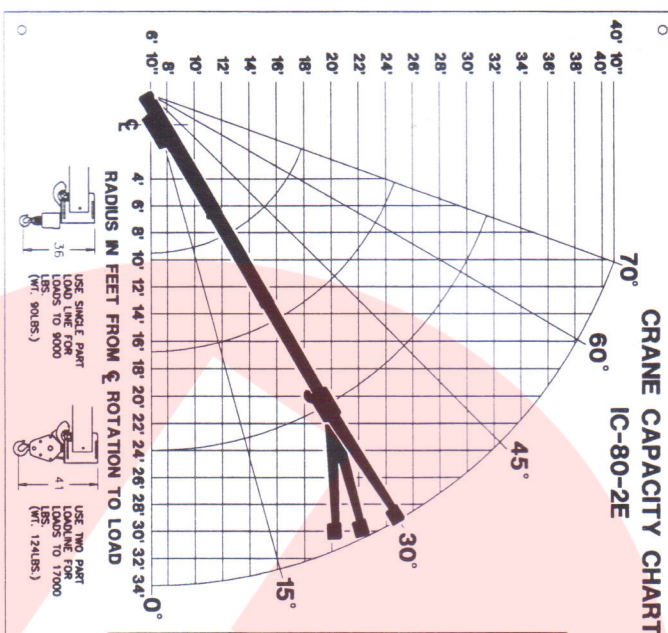




CAPACITIES APPLY TO OPERATION ON FIRM LEVEL SURFACE				
LOAD	MAIN BOOM OR EXTENSION CAPACITIES IN POUNDS			
	RADIUS FEET	360° ROTATION		OVER FRONT ON OUTRIGGERS
		ON RUBBER	ON OUTRIGGERS	
5	9500	17000	11600	17000
6	7800	14500	10200	14500
8	5500	10250	8250	10250
10	3900	7700	6200	7700
12	2900	6550	4550	6550
14	2300	5550	3550	5550
16	1850	4550	2850	4550
18	1550	3950	2400	4050
20	1300	3250	2050	3650
22	1100	2875	1750	3300
24	925	2475	1550	3100
26	850	2250	1350	2750
28	700	2000	1175	2500
30	600	1775	1025	2300
32	500	1625	900	2100
34	425	1400	800	1950
EXTENSION ANGLE	10-FOOT BOOM EXTENSION - STRAIGHT ON OFFSET			
0°	30°	45°	60°	70°
110°	2250	2600	3200	5000
115°	---	2400	2700	5300
130°	---	2250	2500	5300

• USE 0' FOR STRAIGHT BOOM EXTENSION,
1 USE 0', 15' OR 30' FOR OFFSET BOOM EXTENSION.
BOOM EXTENSION LOADS MUST NOT EXCEED MAIN BOOM CAPACITY

CARRY DECK CAPACITY 14000 LBS.
D CENTERED OVER AXLE AT CREEP SPEED)

PERSONNEL BUCKET CAPACITY, OUTRIGGERS EXTENDED - 300 LBS. PER BUCKET - 600 LBS. TOTAL. THE BOOMS ON THIS UNIT ARE ALL STEEL AND HAVE NO LINE VOLTAGE RATING. MAXIMUM HYDRAULIC PRESSURE 3000 PSI.
CAPACITIES WHEN BOOM EXTENSION
DEDUCT 100 LBS. FROM ALL
IS STOWED ON BASE BOOM.

ALL CAPACITIES APPLY TO OPERATION ON FIRM LEVEL SURFACES

OPERATION:

1. READ A UNDERSTAND OWNERS MANUAL BEFORE OPERATING THIS CRANE.
2. CHECK LEVEL OF HYDRAULIC OIL DAILY.
3. CHECK UNIT FOR VISIBLE DEFECTS AND LOOSE PARTS.
4. START ENGINE.
5. SET VEHICLE PARK BRAKE SECURELY.
6. EXTEND OUTRIGGERS TO SOLID FOOTING.

7. OPERATE ALL HYDRAULIC CONTROLS SLOWLY AND DELIBERATELY FOR SMOOTH MOTION.

THE LOAD HOIST LINE ON THIS UNIT MUST BE 9/16" DIA. 6 X 37-MWC-EIP WIRE ROPE WITH A MINIMUM BREAKING STRENGTH OF 31,500 LBS.
TIME PRESSURE 10.00 X 15 (110 PSI BUS BELTED - 135 PSI RADIAL).

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

MODEL NO.

IC-80-2E

SERIAL NO

BRODERSON MANUFACTURING CORP.
LENEXA, KANSAS

0-654-00223