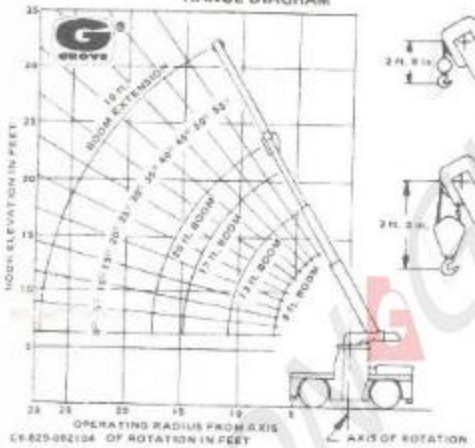
RANGE DIAGRAM



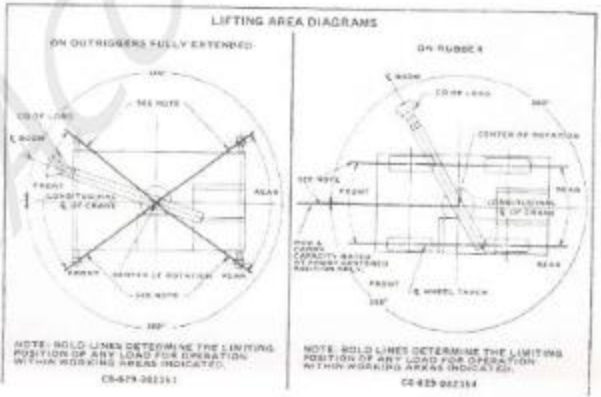
CS-829-062104

WEIGHT REDUCTION FOR LOAD HANDLING DEVICES

10 ft. BOOM EXTENSION WITH 9 - 23 ft. BOOM	
STOWED	60 lbs.
ERECTED	600 lbs.
Hook Block	119 lbs.
Headache Ball	47 lbs.

NOTE: All load handling devices and boom attachments are considered part of the load and suitable allowance must be made for their combined weights.
Weights are for Grove furnished equipment.

LIFTING AREA DIAGRAMS



NOTE: BOLD LINES DETERMINE THE LIMITING POSITION OF ANY LOAD FOR OPERATION WITHIN WORKING AREAS INDICATED.

CS-829-062103

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CS-829-062104

GROVE®

FULL HYDRAULIC

SELF-PROPELLED CRANE

INDUSTRIAL

MODEL 24 YARD CRANE

6-TON CAPACITY

9 ft. - 20 ft. BOOM and 10 ft. EXTENSION

85% OF TIPPING

RATED LIFTING CAPACITIES IN POUNDS

ON OUTRIGGERS FULLY EXTENDED

9-20 FT. BOOM			10 FT. BOOM EXTENSION	
RADIUS IN FEET	FRONT & REAR (DEFINED AREA)	360°	FRONT & REAR (DEFINED AREA)	360°
6	*12,000	*12,000		
8	*11,000	*10,000	5,000	5,000
10	*10,300	6,250	4,750	4,750
12	7,200	4,650	3,875	3,875
14	6,750	3,550	3,350	3,150
16	4,700	2,800	2,825	2,825
18	3,750	2,300	2,500	2,350
20			2,325	1,950
22			2,150	1,700
24			2,050	1,585
26			1,750	1,350
27.5			1,400	1,100

[illegible]

Capacities appearing above bold line are based on machinery strength and tipping should not be relied upon as a capacity limitation.

Capacities do not exceed 85% of tipping loads as determined by SAE recommended test code (SAE J 765).

*12 ft. maximum permissible boom length.

**12 ft. 6 in. maximum permissible boom length.

ON RUBBER CAPACITIES

9-20 FT. BOOM				10 FT. BOOM EXTENSION	
RADIUS IN FEET	FRONT & REAR (DEFINED AREA)	360°	PICK & CARRY BOOM FRONT CENTERED	FRONT & REAR (DEFINED AREA)	360°
6	†10,000	7,448	6,000		
8	6,400	4,650	6,000	6,300	7,100
10	4,400	3,075	3,000	4,750	3,300
12	3,250	2,450	2,000	3,875	2,750
14	2,550	1,900	1,900	2,650	2,075
16	2,000	1,500	1,400	2,150	1,600
18	1,450	1,125	1,100	1,800	1,300
20				1,330	1,100
22				1,030	900
24				800	750
26				600	575
27.5				400	400

[illegible]

†11,000 lbs. with [illegible] Boom Centered Front.

Capacities appearing above bold line are based on machinery strength and tipping should not be relied upon as a capacity limitation.

On rubber capacities based on [illegible] industrial service tires and [illegible] PSI cold inflation pressures.

Pick and carry capacities rated at 2.5 MPH MAXIMUM with boom centered over the front using the shortest boom length practical on a smooth level firm surface. Pick and carry loads are allowed on main boom only [illegible] boom extension [illegible] and main boom retracted.

NOTES FOR LIFTING CAPACITIES

1. Rated lifting capacities are based on freely suspended loads. They are the maximum covered by the manufacturer's warranty with the machine leveled and standing on a firm supporting surface. Ratings with outriggers are based on outriggers being extended to their maximum position.
2. [illegible]
3. [illegible] with loads applied.
4. "On Rubber" lifting (if permitted) depends on proper tire inflation, capacity, and condition. "On Rubber" [illegible]
5. Boom extensions may be used for lifting crane service only. Boom extension capacities are based on [illegible]

LOAD DISTRIBUTION CHART FOR CARRY DECK