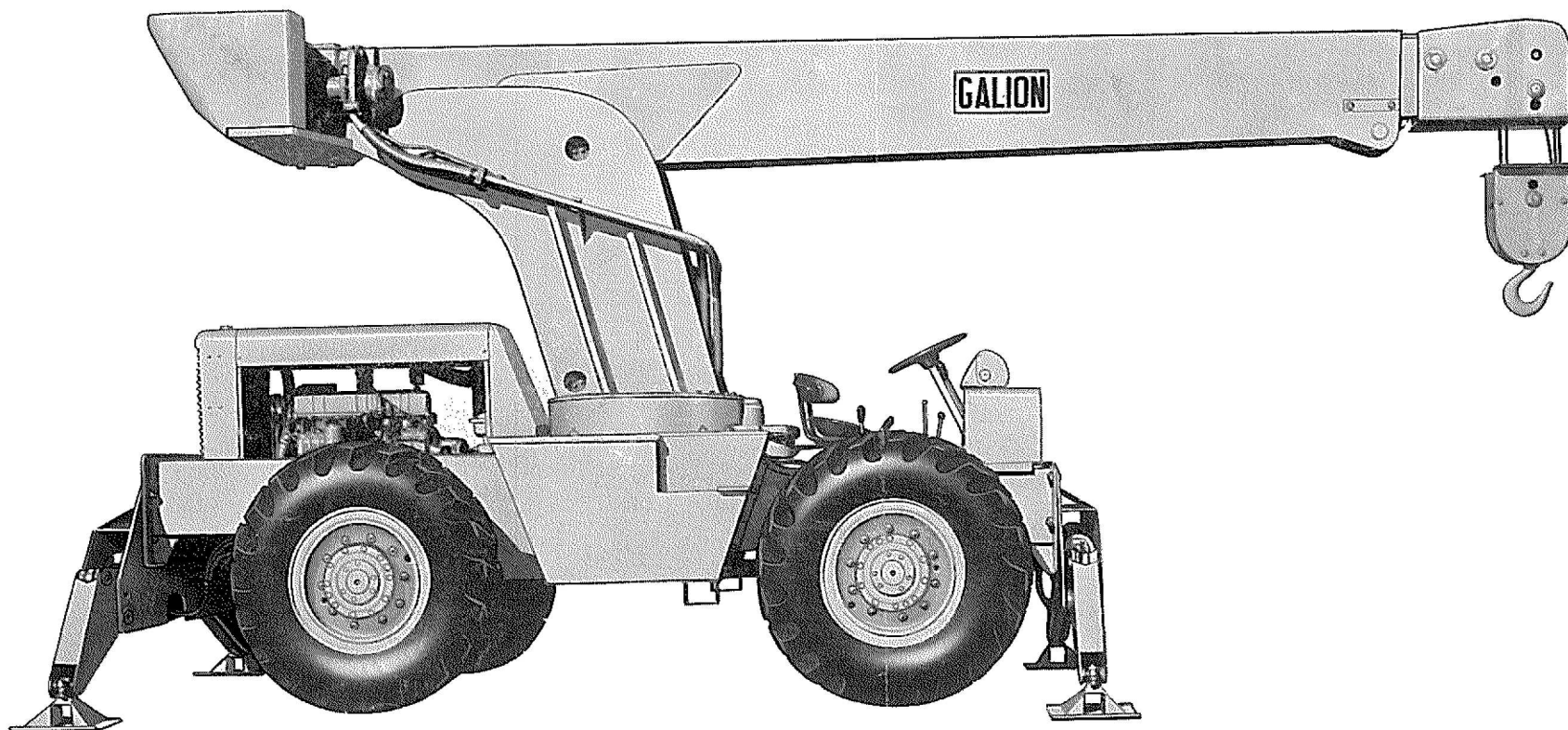
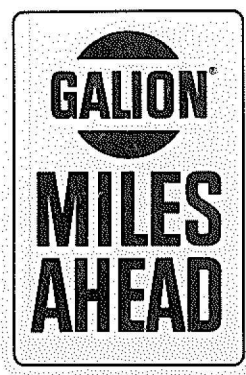


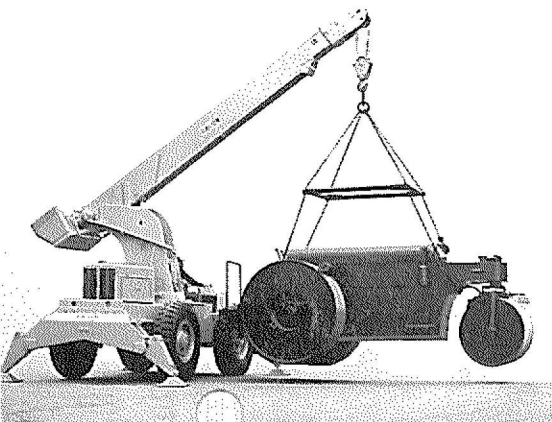


GALION 125 HYDRAULIC MOBILE CRANE

125 HYDRAULIC CRANE



Entirely new. Designed to **lift, carry, and spot** loads with maximum speed and precision. Features full 360° swing, 4-wheel drive and 4-wheel steering. Clean, functional hydraulic design assures dependability of service.



SPECIFICATIONS—GALION MODEL 125 HYDRAULIC CRANE

4-Wheel Drive, 4-Wheel Steer, 14:00 x 24—16 Ply Tires, 60° Shipper, Torque Converter, Power Shift—forward and reverse, 25 Foot Boom, 80 GPM Hydraulic Pump Capacity, Fuel Gauge, Adjustable “bucket type” seat. (Gasoline or Diesel Engine)

GENERAL DIMENSIONS

Weight (approx.), pounds 29,240
 Weight with outriggers (approx.), pounds 32,000
 Wheelbase 8'6"
 Length, overall 22'11"
 Length, overall, with outriggers 24'11"
 Width overall
 Wheels in 8'
 Wheels out 8'9"
 Overall, outriggers raised 8'
 Overall, outriggers down 13'3"
 Height, overall, minimum 11'½"
 Turning Radius 15'7"
 Turning Radius (with outriggers) 17'4"

CRANE

Controls Hydraulic
 Tandem Hydraulic Pumps 50 and 30 GPM

CRANE PERFORMANCE

Boom topping speed 17.5 Sec.
 Boom lowering speed 21 Sec.
 Swing speed r.p.m. 3.85
 Crowd speed (approx.)
 Extending, fpm 51
 Retracting, fpm 71
 Average line speed
 Low, fpm 79
 Intermediate, fpm 131
 High, fpm 210
 Standard rigging 5 Part Line
 Maximum hook speed with 5 part line, fpm 42
 Capacity See Safe Load Charts

WINCH PERFORMANCE

Single part line pull, maximum, bare drum, lbs. 6500
 Single part line pull, rated, lbs. 5400

BOOM

Reach, horizontal, minimum 15'
 Reach, horizontal, maximum 25'
 Swing, rotation continuous 360°
 Elevation, maximum 60°
 Tail Swing, maximum 8' 1"
 Hook height, boom horizontal, to 7'

CHASSIS

Frame
 Length, overall 15' 2"
 Box section, center 20" x 5"
 Box section, over axles 15" x 5"
 Turntable bearing Ball
 Ground Clearance
 Axle 16"
 Outriggers 15"

AXLES

Front and rear—steering type, planetary
 Mounting
 Front rigid to frame
 Rear (no locks needed) Elastomeric (rubber) Suspension
 Wheels Integral disc and rim

STEERING (flow regulated from main system)

Front manual with power booster
 Rear hydraulic

ENGINE (Rubber Mounted)	IH Gasoline UB-264	IH Diesel UD-282
	Number of cylinders	6
Bore and stroke, inches	3 11/16 x 4 1/8	3 11/16 x 4.39
Displacement, cu. in.	264	282
Electrical system	12-V Alternator 30 Amps	12-V Alternator 30 Amps
Horsepower	90	90

CONVERTER

Size 11"
 Ratio 2:1

TRANSMISSION

Speeds 5
 Forward and Reverse Power Shift
 Inching valve Standard
 Transfer case Built-in front axle

SPEEDS (variable by governor control) MPH (approx.)

	forward	reverse
1.	3.0	3.0
2.	5.1	5.1
3.	8.6	8.6
4.	13.7	13.7
5.	19.4	19.4

BRAKES

Service—Hydraulic, 4-Wheel 16 1/4" x 2 1/2"
 Parking—Mechanical on rear axle drive 13 3/8" x 2"

OPTIONAL EQUIPMENT

14:00 x 24—20 ply tires
 17.5 x 25—14 ply tires
 Outriggers, 4 corners of unit, hydraulically controlled, pad size 16" x 20"
 Boom extensions
 Deluxe enclosed cab
 Cab heater, hot water
 Hourmeter
 Rear view mirror
 Pintle hook
 Converter temperature gauge
 Lights

SAFE LOAD CHART • Based on 85% of tipping • crane on level

Working Radius In Feet	Load In Pounds			
	360° Rotation		Off Front of Crane	
	Without Outriggers	With Outriggers	Without Outriggers	With Outriggers
7	25,000	25,000	25,000	25,000
8	21,400	25,000	25,000	25,000
9	17,800	25,000	22,750	25,000
10	15,250	25,000	20,200	25,000
11	13,300	22,700	18,000	22,750
12	11,800	20,200	16,200	20,800
13	10,600	18,400	14,600	19,300
14	9,650	16,600	13,250	17,850
15	8,825	15,200	12,200	16,650
16	8,200	14,000	11,150	15,600
17	7,575	13,100	10,400	14,700
18	7,000	12,250	9,600	13,900
19	6,600	11,500	9,100	13,150
20	6,200	10,900	8,500	12,500
21	5,850	10,250	8,100	11,900
22	5,600	9,750	7,700	11,350
23	5,300	9,400	7,300	10,800
24	5,000	8,950	7,100	10,400
25	4,800	8,700	6,800	10,000

THE GALION IRON WORKS & MFG. COMPANY

General and Export Offices, Galion, Ohio, U.S.A.

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