

specifications

Galion model 150 series A hydraulic mobile crane

Standard Equipment Features

Four wheel steering, Four wheel drive with axle disconnect, "No Spin" front axle, 17 to 37 ft. telescopic power boom, 14:00 x 24 - 16 P.R. non-directional tires. Removable boom point with 3 sheaves, 70° maximum boom elevation, 360° continuous rotation, 80 GPM Tandem hydraulic pumps, Horn, Engine air cleaner, Muffler, Adjustable "bucket type" seat, Hour meter, Electric fuel gauge, Converter temperature gauge, Over-center check valves for crowd and boomlift cylinders, Hook latch, Rear steer indicator, Automatic hoist and swing brake, Cross line relief protection for winch and swing circuits, Extra hydraulic circuit for boom mounted attachments, Torque converter, Powershift transmission, 5-part line hook block, Hydraulic Outriggers with pilot check valves. Dual swing control. 12-volt electrical system, 42 amp alternator.

General Dimensions

Weight with outriggers
(approx.), pounds 37,300
Length, overall 27'2"
Width, overall 8'
Turning radius 18'1"

Chassis

Frame
Length, overall 15'6 1/2"
Box section, center 22 1/2" x 5"
Box section, over axles 15" x 5"

Ground Clearance

Axle 16"
Outriggers 15"

Axles

Front and rear—Steering Type, planetary
Mounting
Front Rigid to frame
Rear (no locks needed)
Elastomeric suspension

Wheels Integral disc and rim

Steering (flow regulated from main system)

Front Manual with power booster
Rear Hydraulic

Brakes

Service—Hydraulic Power, 4-Wheel . 17" x 4"
Parking—Mechanical on axle drive . 13 3/8" x 2"

Crane

Controls Hydraulic
Tandem Hydraulic Pumps 50 and 30 GPM

Boom

Reach, horizontal, minimum 17'6"
Reach, horizontal, maximum 37'6"
Swing, rotation continuous 360°
Elevation, maximum 70°
Tail Swing, maximum 7'8 3/4"
Hook height, boom horizontal 6'6 3/4"

Crane Performance

Boom topping speed 17.0 sec.
Boom lowering speed 16.0 sec.
Swing speed, rpm 4.0
Outrigger speed
Down 3.5 sec.
Up 3.0 sec.
Crowd speed (approx.)
Extending, fpm 50
Retracting, fpm 60
Average line speed
Low, fpm 150
Intermediate, fpm 250
High, fpm 400
Standard rigging 5-part line
Maximum hook speed with
5-part line, fpm 80
Capacity See safe load charts

Winch Performance

Single part line pull, maximum,
bare drum, lbs. 7,500
Single part line pull, rated, lbs. 6,200
Winch Drum Capacity . . . 450 ft. 9/16" cable
Wire rope 9/16" x 8 x 19 SEALE, IWRC
spin-resistant regular lay

Engine

Detroit Diesel 4-53N
Horsepower 127
Number of cylinders 4
Displacement, cubic inches 212.4
Bore, inches 3.875
Stroke, inches 4.50

Six Speed Dual Range

Power Shift Transmission

Torque Converter
Forward and Reverse Power Shift

Speeds (variable by governor control)
Forward and Reverse . . 0 to 26.5 mph
(approx.)

Optional Equipment

Four-section
hydraulic power boom (20' to 60')
(6096 mm to 18288 mm)
8' and 18' (2438 mm and 5486 mm)
manual extensions (used with
3-section power boom)
20' (6096 mm) jib and gantry
14:00 x 24—20 P.R. tires
17.5 x 25—14 P.R. tires
Deluxe enclosed cab
Operator guard
Cab heater, hot water
Defroster fan
Engine hood sides
Lights—driving, directional
Boom floodlights
Rear floodlights
Pulsating, red, rear mounted lights
Rear view mirrors, outside mounted
Audible back-up alarm
Boom angle indicator
Pintle hook
High lift work platform
Two-man Fiberglass workbasket
Load carrying platform
Railroad coupler
Rail guide wheel attachment
Electric tire pump with hose and gauge
Clamshell attachment, hydraulic
Magnet attachment
Front or rear mounted winch
Auxiliary winch, boom mounted
Auxiliary sheave (boompoint)
Sound suppression kit

Specifications, Materials and
Design subject to change
without notice



GALION MANUFACTURING DIVISION

Dresser Industries, Inc., Galion, Ohio 44833, U.S.A.
Cable Address: GALIONIRON