AT A GLANCE:
- Built tough to work tough in industrial applications where an operator wants pin point control and placement of loads to 2 1/2 tons.
Axles:
- **Drive axle** — Location: Front
  - Contains Fairfield torque hubs and Ross Hydraulic drive motors
- **Steering axle** — Location: Rear

Steering:
- Full hydraulic orbitrol unit with one double acting, 2 1/2" cylinder attached to rear axle

Tires:
- **Standard** - 7.50X10 Pneumatic
- **Optional** - Solid rubber "Grizzley Supersoft" SC 36

Brakes:
- Hand/Foot actuated parking brake built into each torque hub to hold crane when not being driven

Cargo Deck:
- 20 sq. ft. deck area, 5,000 pounds capacity

Hydraulic System:
- Tandem pump mounted to rear of hydrostatic piston pump.
- Delivers 5 and 15 GPM at rated R.P.M.
- Hydraulic oil tank capacity - 9.5 gal. capacity

Crane:
- **Boom Movement**
  - Rotation: 90°
  - Elevation: 0° to 75°
  - Extension: 6' to 15' (9 ft.)
- **Boom Speeds**
  - Rotation: 90° in 10 sec.
  - Elevation: 11 seconds
  - Extension: 28 seconds
- **Boom Assembly**
  - Three section boom assembly equipped with bearing pads, double-acting hydraulic cylinders equipped with direct connected holding valves and boom angle indicator on left side of boom
- **Boom Swing**
  - Two double-acting hydraulic cylinders connected to turntable torque tube provides 90° rotation. Heavy-duty ball bearing rotation bearing.
- **Boom Winch**
  - Turret-mounted
  - Hydraulic powered
  - Bare drum line pull of 3,100 lbs.
  - Winch line speed 46 ft. per minute
  - 80 ft. of 5/16 wire rope, downhaul weight and swivel hook standard

General:
- Weight: 5,600 lbs.
- Travel Speed: 0 to 6 MPH
- Drawbar pull: 2,000 lbs.
- Turning Radius (C/L of outside steering wheel): 9' 8" Aisle width for 90° turn 7' 11"

Engine:
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Make</td>
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<tr>
<td>Model</td>
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<td>Displacement</td>
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<tr>
<td>HP @ Governed speed</td>
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<td>40 HP</td>
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</tbody>
</table>

Electrical:
- 12 volt system
- Lighting group: 1 pair headlights
- Instrument group: Fuel, ammeter, oil pressure, water temperature, oil filter pressure, gauges and hourmeter

Fuel Tank:
- 13.5 gal. capacity

Hydrostatic pump:
- Cessna piston type 2.48 CID/Rev direct driven from engine crankshaft.
IC-20

Options:

Anti Two Block Device
Prevents damage to hoist rope and/or crane components from pulling load hook against boom tip.

Auxiliary Winch
Mounted behind front bumper, hydraulically driven with control in operators console.

Back-Up Alarm
Provides pulsating sound when transmission is in reverse.

Bucket Brake
Friction brake for holding fiberglass bucket in a fixed position.

Boom Swing Lock
Prevents boom from being swung in normal 90° arc. Includes padlock.

Fiberglass Bucket
24" X 24" X 42" deep personnel bucket with maximum capacity of 300 pounds.

Sheave Block
Required for maximum capacity lifts.

7 Ft. Pin on Jib
Consists of Jib with pair of tension bars, tip sheave, cable keeper, pins, jib attaching pins. Tension bars provide two positions: in-line and 30° offset.

LP Gas Fuel System Kit
Contains all necessary components for LPG operation. Dual fuel also available.

Operators Guard
Tubular steel weldment with heavy expanded steel mesh top section. Overhead height with guard installed 90°.

Pintle Hook
Holland "T-60-A" pintle hook mounted on rear frame. 5 ton capacity.

Lifting Sling Kit
Three leg hitch consisting of heavy duty pear link. 3 wire ropes with swaged on clevis ends. Two flush mounted lifting rings on load deck corners and heavy duty lift eye attached to turret.

bmc BRODERSON
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