OPERATOR’S CONTROL STATION provides one-position access to all operating functions. Includes adjustable operator’s seat, retracting seat belt/fire extinguisher and bubble level.

INSTRUMENT PACKAGE
Includes fuel gauge and hourmeter. Also included are warning lights for low oil and transmission pressure, turn signal, high beams, hazard lights, parking brake, hydraulic oil temperature, battery, check engine, stop engine, coolant temperature, outriggers, engine oil pressure and transmission temperature.

LIGHTING PACKAGE
Headlights with Hi and Low beams, back-up lights, integral tail, brake, front and rear turn signals and emergency flasher switch at operator’s station. 12V horn activated by button on shifting control.

BACK-UP ALARM
Provides pulsating sound from 97 dB alarm when transmission is in reverse. Conforms to SAE J994b.

OUTRIGGER ALARM SYSTEM
Two-tone alarm is activated when “outrigger down” controls are operated.

TANDEM PUMP, direct-driven by engine crankshaft, rated at 16 & 32 GPM at rated RPM (6.1 L/min & 121 L/min). Hydraulic oil tank capacity of 25 gallons (95 L).

THREE-SECTION BOOM ASSEMBLY equipted with bearing pads, double-acting hydraulic cylinders with direct-connected holding valves & boom angle indicator on driver’s side of boom.

BOOM ROTATION
Heavy-duty ball bearing rotation gear with external teeth. Rotation is powered by hydraulic motor and worm gear drive.

BOOM HOIST:
Torsion mounted planetary, gear hoist hydraulically powered with a bare-drum line pull of 10,000 lbs (4,536 kg) at a speed of 110 ft/min (33.5 m/min). Oil hydraulics, single sheave block for 2-part line and 125 ft (38 m) of 9/16” (14 mm) hoist rope.

ANTI-TWO-BLOCK DEVICE
Prevents damage to hoist rope and/or crane components from pulling load hoist against tip.

SHEAVE BLOCK, TWO-PART
Single sheave block for 2-part line requirements.

RATED CAPACITY LIMITER
Warms operator of impending overload with audible and visual signals. Prevents overload by stopping boom functions that cause overloads.

DRUM ROTATION INDICATOR
Provides tactile feedback to operator when hoist drum is rotating.

Shorter boom models IC-80-1K, IC-80-2K available. 2-wheel Drive Available (IC-80-2 series)

IC-80-3K
Industrial Crane
4-WHEEL DRIVE IC-80 VARIANT
Fully adaptable for a wide variety of industrial and maintenance applications, the IC-80 is the ideal industrial carry deck crane for heavy lifting in constrained environments. The IC-80 is the most popular compact pick and carry crane in the industry.
### Main Features

**ENGINE**
Spark Arrestor Muffler
Catalytic Converter
Engine Heater
Coolant heater installed to circulate warm water through engine. Plugs into 120 volt AC, 1,500 watts
Cold Weather Package

**TIRE**
Solid Rubber Tires
8.25 x 15
Foam Filled Tires
All four 900 lbs (408 kg.)
Spare Tire & Wheel Mounted

**CHASSIS**
Auxiliary Winch
Mounted behind front bumper, hydraulically driven with controls.
Pintle Hook Rear
Pintle Hook Front
Rearview Mirrors
One mounted on right & left-hand deck stake

**OPERATOR COMPARTMENT**
Operator Cab
Tubular steel weldment with heavy expanded steel mesh top section.
All-Weather Cab
Rigid-mounted canopy section & removable hinged door. Includes heater, electric windshield wiper, one sliding glass window in the door & one in the right side of canopy. Defender fan & dome light included.
Cab Heater
Heater with two-speed fan for units without All Weather Cab.

**ELECTRICAL**
Strobe Lights
Yellow strobe light mounted on each side of turret weight box.
Boom Work Lights
One work light mounted to boom to light boom tip and one work light mounted to turret to light ground under boom tip.
Work Lights Rear
Two work lights recessed in rear bumper.

**BOOM ATTACHMENTS**
Boom Extension
10ft. (3m), Boom stowable.

### Options

Windshield Washer
Includes reservoir pump and nozzle.
Floor Mat
Vinyl mat with foam backing.
Operator Suspension Seat
Provides additional operator comfort.
Noise Reduction Kit
Includes floor mat, control valve and side panels of foam backed vinyl for noise reduction.
Air Conditioning
Air Conditioner with R134 coolant.

### Specifications

<table>
<thead>
<tr>
<th>Main Features</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RATED CAPACITY LIMITER</strong> Standard</td>
<td>Windshield Washer</td>
</tr>
<tr>
<td><strong>CAPACITY ON OUTRIGGERS</strong> 18,000 lbs (8,165 kg)</td>
<td>Includes reservoir pump and nozzle.</td>
</tr>
<tr>
<td><strong>PICK AND CARRY CAPACITY</strong> up to 11,400 lbs. (5,170 kg)</td>
<td>Floor Mat</td>
</tr>
<tr>
<td><strong>HEIGHT</strong> up to 7’ 3” (2.2 m)</td>
<td>Operator Suspension Seat</td>
</tr>
<tr>
<td><strong>WIDTH</strong> up to 6’ 6” (2.0 m)</td>
<td>Provides additional operator comfort.</td>
</tr>
<tr>
<td><strong>BOOM ROTATION</strong> 360° Continuous</td>
<td>Noise Reduction Kit</td>
</tr>
<tr>
<td><strong>SHEAVE HEIGHT</strong> up to 46’ 8” (14.2 m)</td>
<td>Includes floor mat, control valve and side panels of foam backed vinyl for noise reduction.</td>
</tr>
<tr>
<td><strong>HORIZONTAL REACH</strong> up to 40’ (12.1 m)</td>
<td>Air Conditioning</td>
</tr>
<tr>
<td><strong>4-WHEEL STEER</strong> Standard</td>
<td>Air Conditioner with R134 coolant.</td>
</tr>
<tr>
<td><strong>4-WHEEL DRIVE</strong> Standard</td>
<td></td>
</tr>
<tr>
<td><strong>POWERSHIFT TRANSMISSION</strong> Standard</td>
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<td><strong>FULLY HYDRAULIC CONTROLS FOR SMOOTH, PRECISE OPERATIONS</strong></td>
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<td><strong>DIESEL ONLY</strong></td>
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Broderson Cranes are designed and built to ISO 9001:2015 certified standards and have a market leading reputation for quality and reliability. Broderson Cranes are engineered for operating efficiency and are easy to operate and maintain.

An extensive network of full-service dealers offer parts and service support by factory-trained technicians.

For additional options or special equipment not listed, please consult your dealer salesperson or contact Broderson Manufacturing Corp.

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Dimensions and values shown are for reference purposes only. Specifications subject to change.

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(913) 888-0606
www.BMCcranes.com

14741 West 106th Street
Lenexa, KS 66215 USA
Main Features

RATED CAPACITY LIMITER
Standard

CAPACITY ON OUTRIGGERS
18,000 lbs. (8,165 kg)

PICK AND CARRY CAPACITY
up to 11,400 lbs. (5,170 kg)

HEIGHT
7’ 10” (2.4 m)

WIDTH
6’ 6” (2.0 m)

BOOM ROTATION
360° Continuous

SHEAVE HEIGHT
up to 46’ 8” (14.2 m)

HORIZONTAL REACH
up to 40’ (12.1 m)

4-WHEEL STEER
Standard

4-WHEEL DRIVE
Standard

POWERSHIFT TRANSMISSION
Standard

FULLY HYDRAULIC CONTROLS FOR
SMOOTH, PRECISE OPERATIONS

INDEPENDENT OUTRIGGER
CONTROLS

DIESEL ONLY

Options

ENGINE
Spark Arrestor Muffler
Installed in addition to standard muffler
Catalytic Converter
Reduces engine emissions
Engine Heater
Cools heater installed to circulate warm water
through engine. Plugs into 120 volt AC, 1,500
watts
Cold Weather Package

TIRE
Solid Rubber Tires
Foam Filled Tires

8.25 x 15
All four 900 lbs. (408 kg.)
Spare Tire & Wheel
Mounted

CHASSIS
Auxiliary Winch
Mounted behind front bumper, hydraulically
driven with controls.
Pintle Hook
Pintle Hook, Rear
Pintle Hook, Front
Rearview Mirrors

One mounted on right & left-hand deck stake

OPERATOR COMPARTMENT
Operator Cab
Tubular steel weldment with heavy expanded
steel mesh top section.
All-Weather Cab
Rigid-mounted canopy section & removable hinged
door. Includes heater, electric windshield wiper, one
sliding glass window in the door & one in the
right side of canopy. Defroster fan & dome light included.
Cab Heater
Heater with two-speed fan for units without All-
Weather Cab.

ELECTRICAL
Strobe Lights
Yellow strobe light mounted on each side of
turret weight box.
Boom Work Lights
One work light mounted to boom to light boom
tip and one work light mounted to turret to light
ground under boom tip.
Work Lights-Rear
Two work lights recessed in rear bumper.

BOOM ATTACHMENTS
Boom Extension
10ft. (3m), Boom stowable.
Boom Extension
10ft. (3m), Offsettable

Same as above item, except boom extension is
offsettable to 3 different positions; 0° (inline),
15° and 30° offset.

Searcher Hook
Nose Mount

Windshield Washer
Includes reservoir, pump, nozzle, floor mat
Vinyl mat with foam backing.
Operator Suspension Seat
Provides additional operator comfort.
Noise Reduction Kit
Includes floor mat, control valve and side panels
of foam backed vinyl for noise reduction.
Air Conditioning
Air Conditioner with R134 coolant.

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Broderson Manufacturing Corp.
IC-80-3K

SPECIFICATIONS

OPERATOR’S CONTROL STATION provides one-position access to all operating functions. Includes adjustable operator’s seat, retracting seat belt/fire extinguisher and bubble level.

INSTRUMENT PACKAGE Includes fuel gauge and hourmeter. Also included are warning lights for low oil and transmission pressure, turn signal, high beams, hazard lights, parking brake, hydraulic oil temperature; battery, check engine, stop engine, coolant temperature, outriggers, engine oil pressure and transmission temperature.

LIGHTING PACKAGE Headlights with High and Low beams, back-up lights, integral tail, brake, front and rear turn signals and emergency flasher switch at operator’s station. 12V horn actuated by button on shifting control.

BACK-UP ALARM Provides pulsating sound from 97 dB alarm when transmission is in reverse. Conforms to SAE J994b.

OUTRIGGER ALARM SYSTEM Two-tone alarm is activated when “outrigger down” controls are operated.

TANDEM PUMP, direct-driven by engine crankshaft, rated at 16 & 32 GPM at rated RPM (61 L/min & 121 L/min). Hydraulic oil tank capacity of 25 gallons (95 L).

THREE-SECTION BOOM ASSEMBLY equipped with bearing pads, double-acting hydraulic cylinders with direct-connected holding valves & boom angle indicator on driver’s side of boom.

BOOM ROTATION Heavy-duty ball bearing rotation gear with external teeth. Rotation is powered by hydraulic motor and worm gear drive.

BOOM HOIST: Turret mounted planetary, gear hoist hydraulically powered with a maximum line pull of 10,000 lbs (4,536 kg) at a speed of 110 FPM (34 m/min). A storage box is located in front cargo deck.

ANTI-TWO-BLOCK DEVICE Prevents damage to hoist rope and/or crane components from pulling load hoist against tip.

SHEAVE BLOCK, TWO-PART Single sheave block for 2-part line requirements.

RATED CAPACITY LIMITER Warns operator of impending overload with audible and visual signals. Prevents overload by stopping boom functions that cause overloads.

DRUM ROTATION INDICATOR Provides tactile feedback to operator when hoist drum is rotating.

Shorter boom models IC-80-1K, IC-80-2K available.

- 2-wheel Drive Available (IC-80-2 series)

IC-80-3K Industrial Crane
4-WHEEL DRIVE IC-80 VARIANT

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IC-80-3K series

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