

# IC-200 Broderson 15 Ton

## General:

Weight: 25,910 lbs.—IC-200-1A  
26,250 lbs.—IC-200-2A

## Travel Speeds-MPH

Gear	Optional Drive/	
	Standard Drive Axle	Steer Axle
1st	6	2.5
2nd	11	5.8
3rd	21	11
4th	N/A	19

## Drawbar pull: Pounds

Gear	Standard Axle	Optional Axle
1st	7,200	17,400*
2nd	3,250	6,250
3rd	1,500	4,180
4th	N/A	2,300

\*Wheels will spin before this pull is reached.

Turning radius (C/L of outer tire)	Standard Axle	Optional Axle
Aisle width for 90° turn	18'6"	13'5"
	13'8"	11'6"

## Engine:

Make	Std.	Opt.	Opt.
	Chrysler	Perkins	Deere
Model	HB-225	4-236	4219
Type	Gas	Diesel	Diesel
No. Cyl.	6	4	4
Displacement	225	236	219
HP @ Gov. Speed	97	80	70

## Electrical:

12 volt system

## Lighting group:

1 pair headlights with Hi and Lo beams  
Integral tail, brake and turn signals and front turn signals

## Instrument group:

Fuel, ammeter, oil pressure, water temperature, converter  
oil temperature gauges and hourmeter

## Fuel Tank:

30 gallon capacity

## Transmission:

3 speed

Make	Warner Gear
Model	T-18

## Gear ratios

1	6.524:1
2	3.092:1
3	1.686:1

## Reversing gear box

Make	Warner Gear
Model	PR-1

An oil cooler for torque converter and reversing gear box oil is  
standard equipment

## Torque Converter:

Stall torque ratio of 2.0:1

## Steering:

Full hydraulic orbital unit with two double-acting, 3 inch  
cylinders attached to rear axle

## Axles:

Drive axle (standard)      Drive/Steer Axle (optional)

Make	Dana	Make	Clark
Ratio	7:17:1	Ratio	16.65:1
Location	Front	Location	Front

## Steering axle

Make	Rockwell	Make	Rockwell
Location	Rear	Location	Rear

## Brakes:

Service-Standard front axle-Disc  
Optional front axle-Drum  
Rear axle-Drum

Parking-Band type-mounted on drive line

## Tires:

Standard-15.00 x 22.5, 16-ply, racing, Highway tread  
Optional-Grizzly SuperSoft, 10.00 x 20 Solid Rubber

## Crane

Boom Movement	IC-200-1A	IC-200-2A
Rotation-	Continuous	Continuous
Elevation-	0° to 73°	0° to 73°
Extension-	12'8" to 28'	15'2" to 36'2"
Boom Speeds:		
Rotation-	1.8 RPM	1.8 RPM
Elevation-	21 seconds	21 seconds
Extension-	18 seconds	25 seconds

## Boom Assembly:

Three section boom assembly equipped with bearing pad,  
double-acting hydraulic cylinders equipped with direct-  
connected holding valve and boom angle indicator on each side  
of boom.

## Boom Rotation:

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

## Boom Winch:

Turret-mounted  
Hydraulic powered  
Bare drum line pull of 10,000 lbs.  
Winch line speed-110 ft. per minute  
220 ft. of 1/2 in. wire rope, downhaul weight and swivel hook,  
standard.

## Cargo Deck:

71 sq. ft. deck area  
17,000 lbs. maximum capacity  
Steps located on front corners

## Hydraulic System:

Tandem pump, direct-driven by engine crankshaft, rated at  
22 and 34 G.P.M. at rated R.P.M.  
Hydraulic oil tank capacity-34 gallons

## Outriggers:

Four hydraulic outriggers of box beam construction with direct  
connected holding valves  
Independent controls for left and right hand outriggers  
Outrigger pad dimension 11" x 16"

# TMK Equipment and Lease