



# JD350 CRAWLER LOADER

## FEATURES

3/4-yard heavy-duty bucket with 8 nodular-iron teeth.

1-1/4-yard light-materials bucket.

Walk-through operator's compartment with excellent view of bucket and work.

Single-lever controls bucket cutting depth, rollback, lift, dump, shake out, and float position. Fast, no-lag hydraulic response. Self-leveling buckets with bucket-level indicators.

9,000 pounds breakout force.

40-degree bucket rollback at ground level. 50-degree dump angle.

Hydraulic direction reverser (optional).

Outstanding maneuverability, lift, and reach.

## SPECIFICATIONS

*(Specifications and design are subject to change without notice. Wherever applicable, specifications are in accordance with I.E.M.C. Standards.)*

**Crawler**... John Deere JD350 (gasoline or Diesel) with 42 flywheel h.p.

### Bucket options:

3/4-cu. yd. SAE heaped digging bucket; 66-in. cutting width; 8 teeth.

1-1/4-cu. yd. SAE heaped light-materials bucket; 78-in. cutting width.

### Operating information:

Digging depth below ground level (with bucket level)..... 7 in.

Breakout force..... 9,000 lb.

Rollback at ground level..... 40 deg.

Lifting capacity, full height..... 4,000 lb.

Height to bucket hinge pin at max. lift... 119-1/2 in.

Reach at full-height dump..... 30 in.

Clearance, bucket dumped at 50 deg..... 98 in.

Maximum dumping angle..... 50 deg.

Raising time..... 6.0 sec.

Dumping time..... 4.0 sec.

Lowering time..... 1.5 sec.

Turning clearance circle (carry height, bucket rolled back)..... 234 in.

Total counterweight recommended for loader without rear-mounted equipment..... 800 lb.

### Hydraulic system:

Control... Single-lever loader control; 3-spool valve (2 for loader, 1 for ripper or log loader).

Reservoir capacity... 5-3/4 U.S. gal. to "full" mark.

System capacity..... 12-1/2 U.S. gal.

Pump... Gear-type, 23 gpm at 2,500 rpm (2,000 psi).

Oil lines... Seamless steel tubing; double-wire-braid hose.

Filter... Dual filtration, micron and wire mesh.

Boom cylinders... 4-in. dia. bore, 23-19/32-in. stroke

Bucket cylinders... 2-3/4-in. dia. bore, 30-3/4-in. stroke.

Piston rods... Ground, heat-treated, chrome-plated, polished.

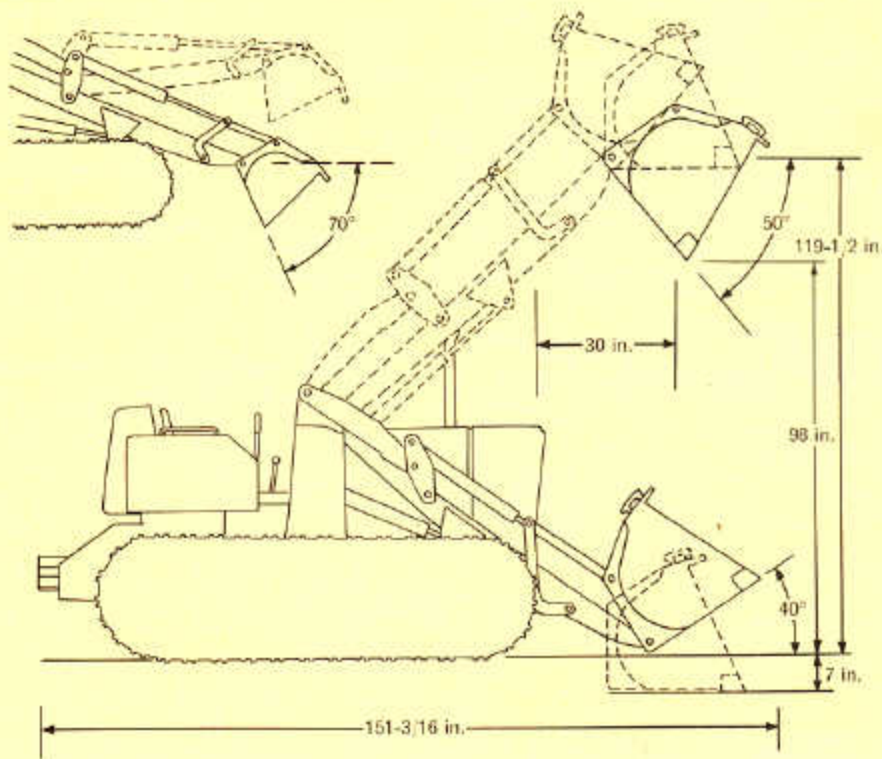
For boom cylinders..... 2-in. dia.

For bucket cylinders..... 1-1/2-in. dia.

### Shipping weight (approx. with counterweights and digging bucket):

JD350 Crawler Loader, gasoline..... 10,900 lb.

JD350 Crawler Loader, Diesel..... 10,970 lb.

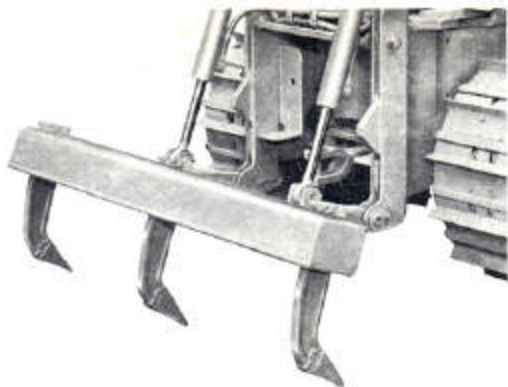


### Special equipment:

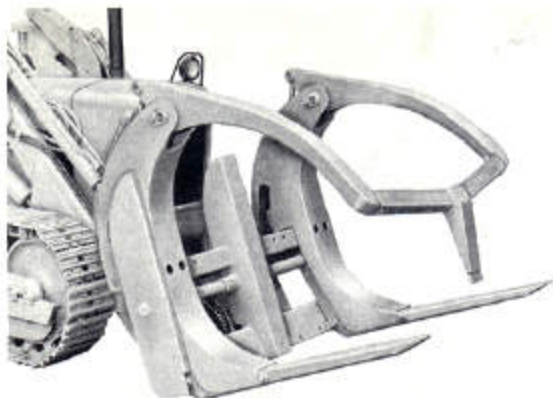
2-piece steel bucket teeth (for 3/4-yd. heavy-duty bucket only).

Counterweights recommended (for crawler loader without rear-mounted equipment)..... 4

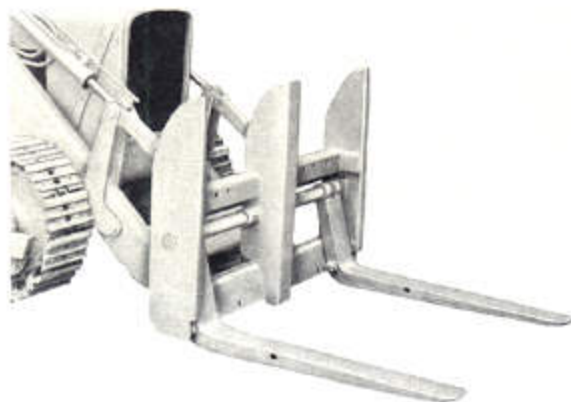
## JD350 Crawler Loader Attachments



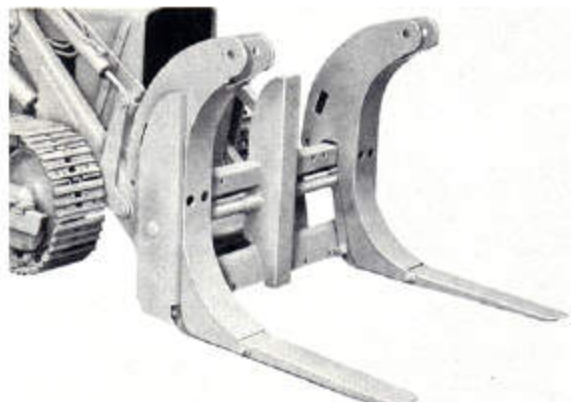
**3100 Hydraulic Ripper** Working width, 55 in. Penetration, 10-in. max. Positive down pressure. Uses 1 to 5 shanks (3 are standard equipment), adjustable for depth. Replaceable points.



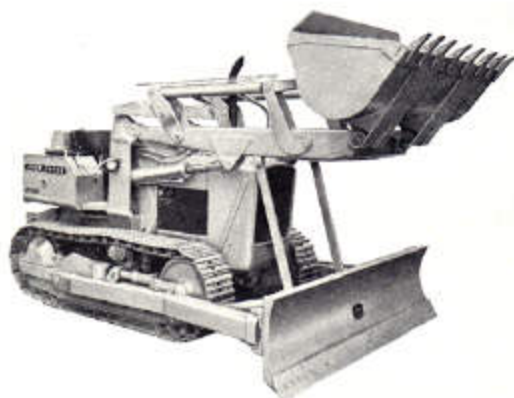
**7702-C Pulpwood Loader** Width, 48 in. center to center of forks. Fork length, 41-3/4-in. Upper grapple arms have dual-cylinder operation. Continuous-radius, box-section masts. Lift, 3,200 lb. at 10 ft.



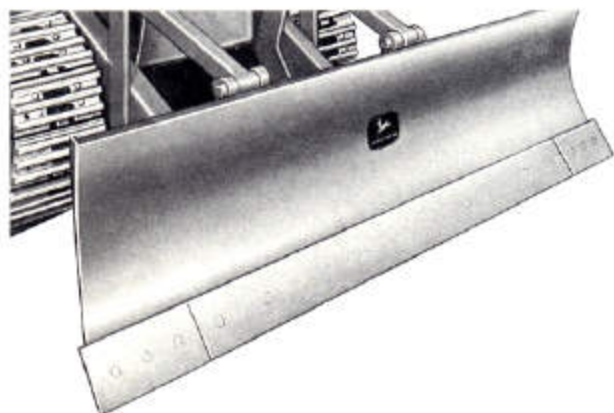
**7702-A Fork** Width, adjustable from 18-3/4 to 48 in. center to center of forks. Fork length, 41-3/4 in. Pivot shaft, 2-9/16-in.-dia. steel rod. Lift, 3,200 lb. at 10 ft.



**7702-B Timber Loader** Width setting, 48 in. center to center of forks. Fork length, 41-3/4 in. Box construction, heat-treated, cast-steel tips. Continuous radius masts.



**7701 Angling Bulldozer** For use in conjunction with loader. Can be quickly removed or remounted. Box-section boom and blade. Reversible 3-piece cutting edge, 93-in. long. Lift 42-1/2 in. Cut, 17 in. max. Angle, 25 deg. left and right (manual). Tilt, 8 in. left and right (manual). Shipping weight, approx. 1,210 lb.



**7700 Bulldozer** Box-welded, 23-in.-high blade replaces loader bucket. Reversible 3-piece cutting edge, 72 in. long. Penetration, 10 in. max. Tilt, 14 in. right, 7 in. left (manual). Hydraulic pitch adjustment. Depth-gauge shoes available. Shipping weight, approx. 460 lb.

## JD350 Crawler—Brief Specifications

**Horsepower (at 2,500 engine rpm):**

|   | Gasoline   | Diesel       |
|---|--|--------------|
| Observed net engine flywheel.....   | 42   | 42           |
| Drawbar (observed).....   | 30   | 30           |
| <b>Drawbar pull (approx. lb., max., factory observed).....</b>  | <b>7,500</b>   | <b>7,500</b> |
| <b>Engine.....</b>  | John Deere, variable speed, 3-cylinder, valve-in-head, 4-stroke cycle, gasoline or Diesel. |              |
| <b>Direction reverser... Provides speeds in four ranges (1.4 to 6.5 mph) in forward or reverse without shifting transmission gears. Hydraulically controlled. Oil clutches. Replaces engine clutch.</b> |  |              |

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