

John Deere

CLICK ANYWHERE FOR MORE DETAILS

MODEL:

350B Crawler

MANUAL PREVIEW

OPERATOR'S
MANUAL



purchase full manual

JENSALES.COM

or Call **800-443-0625**



CLICK ANYWHERE FOR MORE DETAILS

THIS IS A MANUAL PRODUCED BY JENSALES INC. WITHOUT THE AUTHORIZATION OF
JOHN DEERE OR IT'S SUCCESSORS. JOHN DEERE AND IT'S SUCCESSORS
ARE NOT RESPONSIBLE FOR THE QUALITY OR ACCURACY OF THIS MANUAL.

TRADE MARKS AND TRADE NAMES CONTAINED AND USED HEREIN ARE THOSE OF OTHERS,
AND ARE USED HERE IN A DESCRIPTIVE SENSE TO REFER TO THE PRODUCTS OF OTHERS.

JD-O-OMT46859

CLICK ANYWHERE FOR MORE DETAILS

**JOHN DEERE
350B
CRAWLER**

MANUAL PREVIEW

**OPERATORS MANUAL
JOHN DEERE 350B
CRAWLER**

OMT46859 E4 English

JENSALES®

purchase full manual at

**JENSALES.COM
or Call 800-443-0625**

CLICK ANYWHERE FOR MORE DETAILS

**JOHN DEERE DUBUQUE WORKS
OMT46859 E4**

CLICK ANYWHERE FOR MORE DETAILS

Contents

	Page
Safety Rules	2
Controls and Instruments	4
Operation	6
Fuels and Lubricants	30
Lubrication and Periodic Service	32
Service	49
Transportation	67
Storage	68
Trouble Shooting	69
Specifications	74
Index	77



235795

CLICK ANYWHERE FOR MORE DETAILS

CRAWLER PROTECTIVE EQUIPMENT

Bottom Guard

Your crawler may be equipped with a short rear bottom guard. A regular length rear bottom guard is optional. The crawler loader has a heavy-duty bottom guard.



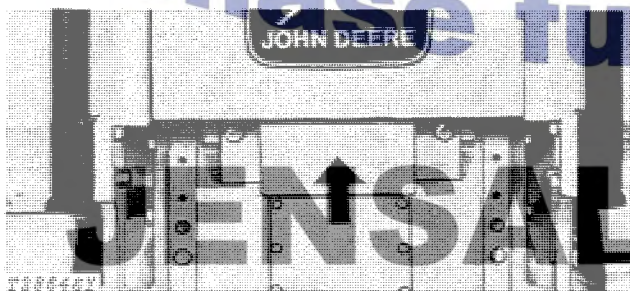
A-Grille
B-Grille Housing

C-Front Hitch
D-Front Bottom Plate

Heavy-Duty Grille Housing

The heavy-duty grille housing and grille form a protective shield for the radiator and oil cooler. Do not operate the unit with either grille housing or grille removed. Never use the grille for pushing or impact loads.

Trash Guard



A rear trash guard is available on all crawlers not equipped with rear mounted equipment. This trash guard protects the fuel tank sump and the steering cylinders and hoses. The guard also reduces the build-up of leaves and trash underneath the operator's station.

Vandal Cover



Whenever the crawler is to be left unoccupied for any period of time, use the vandal cover to protect the gauges from vandalism. Remove the cover from the battery compartment and position it over the gauges. Secure the cover with a padlock.

IMPORTANT: Remove the key from the key switch when the crawler is left unattended.

OPERATOR PROTECTIVE EQUIPMENT

Canopy

Your crawler may be equipped with a canopy with seat belt to give maximum operator protection and still give good all-around visibility as well as ease of operation.

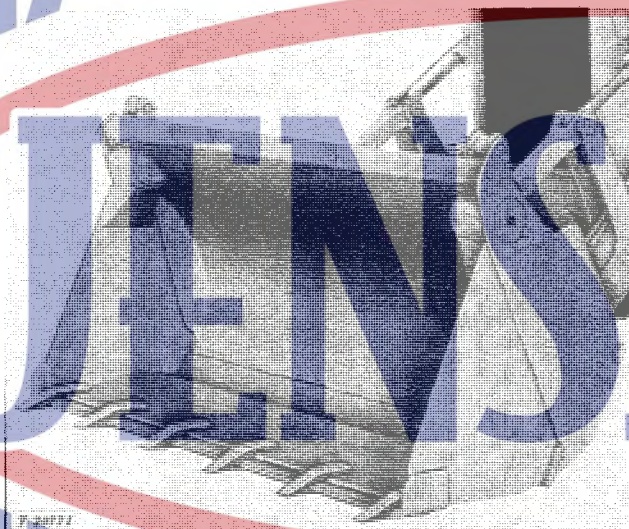


Protective Canopy

DROTT 4-IN-1 BUCKET OPERATION

The Drott 4-in-1 bucket is 66 inches (1.676 m) wide. The wrap-around cutting edge is equipped with six replaceable steel teeth. The bucket may be used as a loader, scraper, bulldozer or a clam bucket.

The boom and bucket are operated by the loader control lever, while the clam action of the bucket is operated by the attachment control lever. If a ripper is used with the Drott 4-in-1 bucket a selector valve is added to the attachment control.

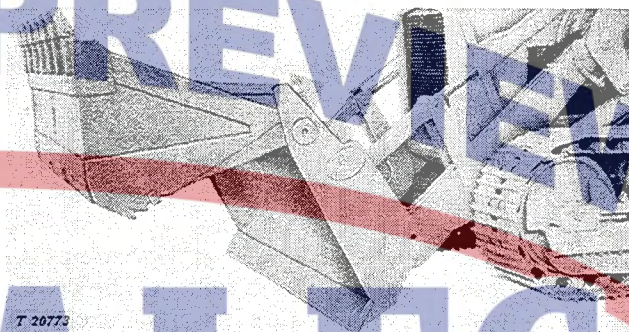
Bucket

Tilt 4-in-1 bucket backward or forward until indicator tip is on "bucket." Clamp is fully closed with indicator at "O." Operate as regular loader.

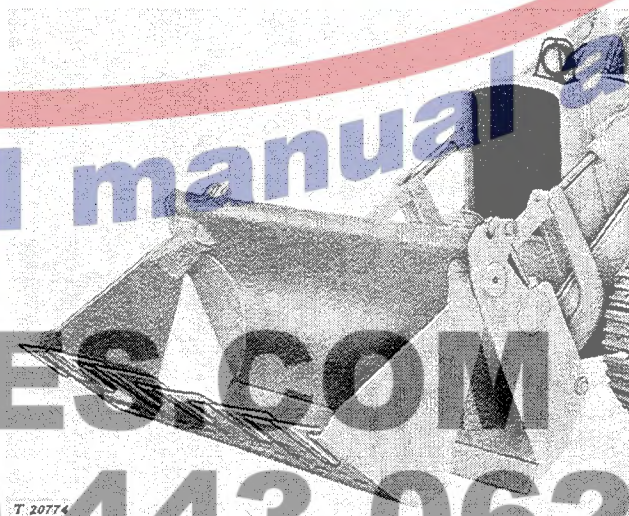
Clamshell

Tilt 4-in-1 bucket backward or forward until the indicator tip is on "clamshell." Open clam all the way.

Raise the clamshell over the stockpile, then lower it until contact. It is helpful at times to hook the clamshell over the pile and back away, closing the clamp as you go.

Dozer

Tilt 4-in-1 bucket backward or forward until indicator tip is on "dozer." Open clamp until indicator is at the bottom of the band. Depth of cut is regulated by tilting the blade backward or forward. For deep cut tilt bucket forward; for lesser degree of cut tilt bucket backward.

Scraper

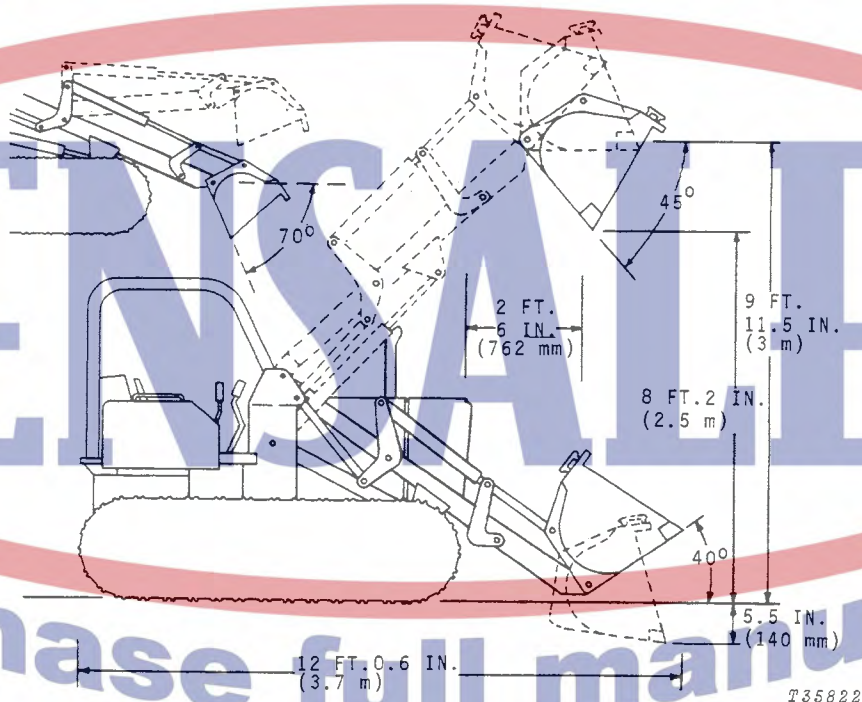
Tilt 4-in-1 bucket backward or forward until indicator is on "scraper." Open clamp until indicator points to 2 or 4 depending upon the desired depth of cut. When the bucket has been loaded, tilt it all the way back, closing the clamp in the same motion.

WINCH

Drum diameter	6 in. (152 mm)
Drum capacity (no allowance for looseness or uneven spooling)	
(with 1/2-inch [12.7 mm] cable)	195 ft. (59.4 m)
(with 5/8-inch [15.9 mm] cable)	125 ft. (38.1 m)
(with 3/4-inch [19 mm] cable)	100 ft. (30.5 m)
Cable speed (at 2100 rpm engine speed using 5/8-inch [15.9 mm] cable)	
(with bare drum)	98 fpm (29.9 mpm)
(with full drum)	157 fpm (47.8 mpm)
Cable pull (at 2100 rpm engine speed)	
(with bare drum)	10,600 lbs. (4 812 kg)
(with full drum)	6,650 lbs. (3 019 kg)

LOADER OPERATING INFORMATION

Dumping reach (full height)	
(bucket 45° angle)	2 ft. 6 in. (762 mm)
Dumping clearance (full height)	
(bucket 45° angle)	8 ft. 2 in. (2.5 m)
Maximum lift (full height)	9 ft. 11.5 in. (3 m)
Digging depth below ground	5.5 in. (139.7 mm)
Bucket width (3/4 cu. yd. [0.6 m³] size)	66 in. (1.7 m)
Dump angle (full height)	45°
Bucket roll-back (ground level)	40°
Grading angle	70° from horizontal
Raising time	6.5 sec.
Dumping time	1.5 sec.
Lowering time	4.0 sec.
Lifting capacity	7,500 lbs. (3 405 kg)
Breakout force	12,100 lbs. (5 493 kg)



JD350-B Crawler Loader Dimensions

DIMENSIONS

Maximum height (To top of ROPS)	7 ft. 7 in. (2.3 m)
Height to top of hood	4 ft. 4 in. (1.3 m)
Over-all width at bucket	5 ft. 6 in. (1.7 m)
Over-all length	12 ft. 0.6 in. (3.7 m)

Ground clearance at rear crossbar	13.25 in. (337 mm)
Drawbar height (above ground)	13.6 in. (345 mm)
Operating weight (with 3/4 yard (0.6 m³) bucket and ROPS)	
Diesel	12,400 lbs. (5 630 kg)
Gasoline	12,210 lbs. (5 543 kg)

(Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with IEMC and SAE standards.)

or Call 800 443 0625

CLICK ANYWHERE FOR MORE DETAILS

CLICK ANYWHERE FOR MORE DETAILS

Index

A		G	
	Page		Page
Air cleaner.....	37	Gasoline fuel system.....	52
Alternator.....	59	Grease specifications.....	31
Antifreeze.....	54	Ground speeds.....	9
B		H	
Batteries.....	57	Hour meter.....	32
Belt pulley.....	27	Hydraulic oil specifications.....	31
Bleeding diesel fuel system.....	51	Hydraulic system.....	21,40,48
Boom alignment.....	66	I	
Boom and bucket lubrication.....	39	Ignition system (gasoline).....	55
Boom control.....	14	Injection nozzles.....	51
Booster batteries.....	9	Instrument panel.....	4
Brake adjustment.....	62	L	
Break-in period.....	6,32	Lights.....	11
Bucket control.....	14	Loader boom alignment.....	66
Bucket level indicator.....	16	Loader operating pointers.....	20
Buckets.....	18	Lubricants.....	30
C		O	
Carburetor.....	52	Operating boom and bucket.....	14
Circuit breakers.....	61	Operating engine.....	6
Cold weather starting.....	8	Overloading.....	9
Controls and instruments.....	4,5	P	
Cooling system.....	53	Periodic lubrication.....	32
Counterweights.....	18	(as required).....	37
D		(10-hour service).....	38
Diesel fuel system.....	50	(50-hour service).....	40
Distributor.....	56	(100-hour service).....	41
Drawbars.....	23	(200-hour service).....	42
Drott 4-in-1 bucket.....	19	(500-hour service).....	44
E-F		(1000-hour service).....	47
Engine operation.....	6	(every spring and fall).....	48
Engine tappet adjustment.....	47	(annual service).....	48
Engine clutch pedal adjustment.....	38	Power steering.....	10
Fan belt tension.....	42	Protective equipment.....	13
Fuel specifications.....	30	PTO operation.....	26

CLICK ANYWHERE FOR MORE DETAILS

R-S

T

	Page
Regulator.....	59
Reverser.....	10
Safety rules.....	2
Seat.....	12
Service.....	49
Specifications.....	74
Starter.....	60
Starting the engine.....	6,7
Steering clutch adjustment.....	62
Stopping the engine.....	7
Storage.....	68

	Page
Three point hitch.....	24
Torque chart.....	61
Track adjustment.....	64
Transportation.....	67
Trash guard.....	13
Trouble shooting.....	69

V-W

Vandal cover.....	13
Warm-up period.....	6
Wide track crawler.....	12
Winch operation.....	28

MANUAL PREVIEW

JENSALES®

purchase full manual at

JENSALES.COM
or Call 800-443-0625

CLICK ANYWHERE FOR MORE DETAILS