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640R

Loader

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Warranty and Protection Plans

The 640R Standard Farm Loader from John Deere delivers enhanced versatility and efficiency with its durable boom construction and integrated features such as the Loader Suspension System and

Hydraulic Implement Unlatch, ensuring smooth operation and quick implement changes for increased productivity in a variety of agricultural applications.

Tool-Free Removal and Attachment With Just a few Simple Steps

Frame Design That Allows for Maximum Maneuverability

Repositioned Leveling Links for Better Visibility

Automatic Mast Latch System for Quick Change From Loader to Three-Point Implements

Benefits

Automatic Mast Latch for Easy Removal

The loader is equipped with an automatic mast latch system, simplifying the process of attaching and detaching the loader. This system allows for easy parking and enhances operational uptime by enabling the loader to latch with minimal effort.

Concealed Oil Lines for Protection

The R Series Loaders are designed to route the oil lines and hydraulic lines through the boom arm and the torque tube. This internal routing ensures better protection of the lines from external damage and improves the overall appearance of the loader.

Single-Point Hyd

The R Series Loader
hydraulic connectio
process of attachin
loader. This system
and electrical conne
location for efficient
simple handle pull.

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Specifications

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Key Specs

Lift Capacity At Full Height - Measured At Pivot (U)
5545.0 lb.

Boom Breakout Force - Measured At Pivot (Y)	6204.0 lb.
Bucket Rollback Force Capacity At Ground-Level Line (ZZ)	9623.0 lb.
Maximum Lift Height (A)	163.0 in.
Clearance At Full Height - Bucket Dumped	124.0 in.
Dump Angle (E)	59.0 degree (angle)
Rollback Angle (G)	52.0 degree (angle)

Tractor

Model	6110R/M, 6120R/M, 6130R/M
Front Tire	480/70R24
Rear Tire	520/70R38
Front Axle Configuration	MFWD with Limited Slip Differential
Wheelbase	101.0 in.
Pump Capacity	30.1 gpm
Rated Pressure	2900.0 psi

Loader

Base Weight	4568.6 lb.
Leveling Configuration	

Non-Self Leveling (NSL)

Bucket Used
Heavy-duty grapple 2450 mm / Heavy-duty grapple 96 in.

Bucket Weight
826.0 lb.

Lift Capacity At Full Height - Measured At Pivot (U)
5545.0 lb.

Lift Capacity At Full Height - Measured At 800 mm Ahead Of Pivot
3874.0 lb.

Lift Capacity At 59 in. (1500 mm) - Measured At Pivot
5851.0 lb.

Lift Capacity At 59 in. (1500 mm) - Measured At 800 mm Ahead Of Pivot (X)
4586.0 lb.

Boom Breakout Force - Measured At Pivot (Y)
6204.0 lb.

Boom Breakout Force - Measured At 800 mm Ahead Of Pivot (Z)
4661.0 lb.

At Maximum Height (VV)
5531.0 lb.

At 59-in. (1500 mm) Lift Height (XX)
9482.0 lb.

Bucket Rollback Force Capacity At Ground-Level Line (ZZ)
9623.0 lb.

Maximum Lift Height (A)
163.0 in.

At Full Height - Bucket Level (B)
154.0 in.

Clearance At Full Height - Bucket Dumped
124.0 in.

Overall Length (I+F)
211.0 in.

Digging Depth (H)

	2.0 in.
Reach - At Maximum Height (D)	39.0 in.
Reach - At Ground Level - Bucket Level	111.0 in.
Dump Angle (E)	59.0 degree (angle)
Rollback Angle (G)	52.0 degree (angle)
Dump Angle, Ground	144.0 degree (angle)
Loader Raise	3.5 seconds
Loader Lower	2.63 seconds
Bucket Dump	2.65 seconds
Bucket Rollback	1.81 seconds

Download Spec Sheet

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