Compare

Print

HDR 50

Hinged Frame, Rigid Cutterbar Draper

View Product Brochure

Find Parts

Warranty and Protection Plans

Current Country
United States Change
Language
English - EN

throughput across a wide range of c

Capture More Crop in Rolling and Uneven Terrain With a Wing Range of Over 45-inches (114.3 cm)

Main – Eve

in All Crops ains – With el

Achieve Desired Stubble Height With Position Control Gauge Wheels

Reduce Cutterbar Loss with Grain Saver Draper Belts

Benefits

Helping You Harvest with Confidence

Changing harvest conditions can be overwhelming. John Deere automation takes the pressure off by optimizing combine settings, guiding precise turns, and managing unloads on the go—protecting yield, reducing grain loss, delivering clean samples, and keeping you focused on feeding the machine, and less on adjusting, steering, or unloading.

Make Every Minute of the Harvest Window Count

John Deere delivers harvesting solutions matched to your operation, with a full portfolio of combines and front end equipment to hit your harvest window. Automation like Machine Sync, Auto Unload, and Predictive Ground Speed boost productivity, while integrated technology, parts, and Precision Upgrades help your combine adapt to changing crops and conditions—season after season.

Analyze Key Insi Decisions Next

Harvest data becon advantage. Yield ma machine analytics i Operations Center placement, fertility selections. Combine upgrades and auto into consistent exec stage for better res

Current Country
United States Change
Language
English - EN

Key Specs

Cutterbar Type	Straight-line knife drive system
Cutterbar Length	50.1 ft
Knife Drive	Double-cut, dual-drive, shaft-driven cutterbar
Knife Drive	4.0 in.
Knife Speed	X Series Combine: 520 cycles/min S-Series Combine: 490 cycles/min
Reel Diameter	42.0 in.
Speed Control	Hydraulic rpm
Operating Speeds - Minimum	8.0 rpm
Operating Speeds - Maximum	70.0 rpm

Platform

Type	Hinged frame rigid cutterbar

Cutterbar

Cutterbar Type	Straight-line knife drive system
Cutterbar Length	

Current Country
United States Change
Language
English - EN

4.0 in.

Knife Speed
X Series Combine: 520 cycles/min S-Series Combine: 490 cycl

Base Skid Shoe Height
1.5 in.

Pickup Reel

Fingers
Nylon

Number Of Slats
6

Reel Diameter
42.0 in.

Height Control
Hydraulic

Speed Control
Hydraulic rpm

Reel Lift
39.6 in.

Reel Fore And Aft
10.4 in.

Reel Resume
Base

Reel Reverse
Base

Operating Speeds - Minimum
8.0 rpm

Operating Speeds - Maximum

Current Country
United States Change
Language
English - EN

Draper Belt Width - Center Belts	79.0 ft
Belt Depth	39.8 in.
Cleat Height	0.75 in.
Speed Control	Hydraulic from cab (side belts only)
Center Belt Reverse	Base

See More

Download Spec Sheet

Related Products

HDR 35
Hinged Frame, Rigid Cutterbar Draper

HDR 40
Hinged Frame, Rigid Cutterbar Draper

Current Country

United States Change

Language

English - EN

Images of equipment models may be digitally or AI generated, are for illustratio ge. Equipment models shown are typically base models and may not reflect all features, optio y may be limited. See your John Deere dealer for additional information. Features and specificati at the time of publication and are subject to change without notice. See your dealer for availa ricing. Product options and accessories may not be available in all regions. Equipment, models ces may vary by dealer. John Deere reserves the right to change specifications, model features, design, and price of the products described here without notice.

Subscribe for more

Receive e-mail news & offers from John Deere

Subscribe Now

Have any thoughts?

Take Survey

Copyright © 2026 Deere & Company. All Rights Reserved.