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HDF 50

Hinged Frame, Flexible Cutterbar Draper

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throughput across a wide range of c

Capture More Crop in Rolling and Uneven Terrain with a Total Wing Range of 45-in. (114.3 cm)

Expe Fl

lds with a l Draper

Maintain Reel to Cutter Bar Gap in All Crops – Even Terraces and Rolling Terrains – With 3-Piece Reel and Cam Reel

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

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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 flexible cutterbar

Cutterbar

Cutterbar Type	Straight-line knife drive system
Cutterbar Length	

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4.0 in.

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

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

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~~22.0 ft~~	
Draper Belt Width - Center Belts 6.6 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

HDF 35
Hinged Frame, Flexible Cutterbar Draper

HDF 40
Hinged Frame, Flexible Cutterbar Draper

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