Bushel Plus
MAD Concaves

FOR JOHN DEERES S-SERIES COMBINES

Configurations and Settings Guide

Recommendations are a guide based on field testing and may vary by crop conditions and climate.

Crop	Wheat	Barley/Oats	Soybeans	Canola	Flax	Peas	Milo	Corn	Sunflower
Rotor	900	790	490-520	500-700	1000	450	680	280	240
Fan	1100	890	1090	850	750	1050	980	1220	1100
Concave	9	17	17	15	0	15	10	32	35
Top Sieve	15	20	17-24	15	6	18	20	18	13
Bottom Sieve	5	12	7-9	4-5	6	11	11	13	6
1st Position Concave	.225	.375/Finger	O-Grate	.375/Finger	.225	Finger Grates	O-Grate	O-Grate	O-Grate
2nd Position Concave	.375	.375/Finger	O-Grate	.375/Finger*	.375	Slot/.375	O-Grate	O-Grate	O-Grate
3rd Position Concave	.437/OG	O-Grate	O-Grate	O-Grate	.437	O-Grate	O-Grate	O-Grate	O-Grate

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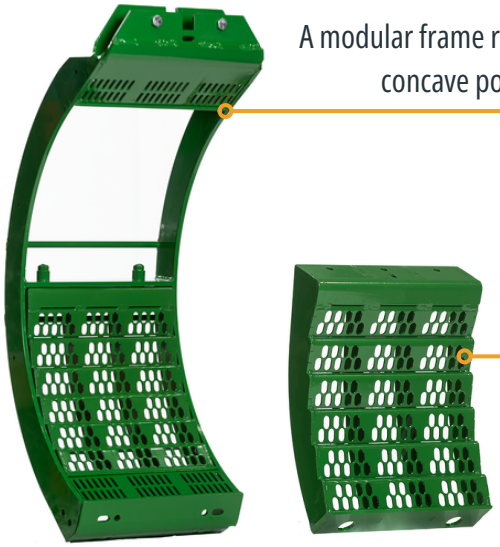
What Is a Modular System?

Swapping out traditional round wire combine concaves for our innovative bar-and-grate style modular MAD Concaves results in more efficient threshing, getting your grain out of the head and into the hopper quicker for decreased rotor loss and less dockage. This means higher quality crops and more money in your pocket.

Our fast and easy-to-change modular designs allow you to quickly swap out inserts in minutes, saving you valuable time - critical in a busy harvest season.



A modular frame replaces the original concave, fits into the original concave position in the combine, and always stays in place.

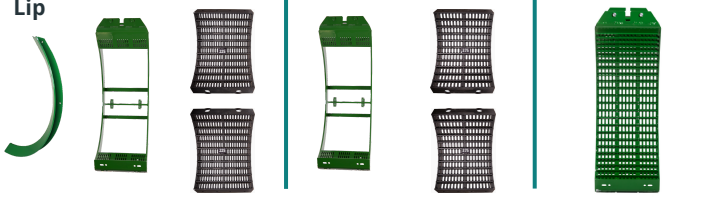
Changing concaves now means to only change out two “concave inserts” per frame.

Standard MAD Concaves Setup for John Deere STS/S Series*

***Configurations may vary by crop and climate. For information on chickpeas, please see your local dealer or contact us.**

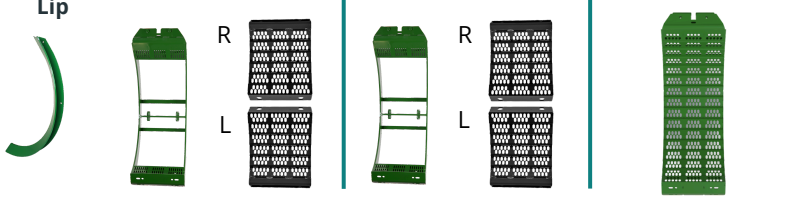
WHEAT, FLAX, DURUM

Position 1			Position 2		Position 3
Transition Lip	Frame	.225	Frame	.375	One Piece .437



CORN, SOYBEANS, MILO

Position 1			Position 2		Position 3
Transition Lip	Frame	O-Grates	Frame	O-Grates	One Piece O-Grate



O-GRATE PATENT PENDING

CANOLA, BARLEY, OATS, PEAS

Position 1			Position 2		Position 3
Transition Lip	Frame	Finger Grates	Frame	.375	One Piece .437

Additional Information & Tips:

- In tough canola conditions, you may need to put a .375 in the first position & finger grate in the second position.
- In high-yielding canola, you may need to replace a .375 with a .435.
- If harvesting multiple crops but not harvesting corn, finger grates in position 1 and .375 in position 2 is an option for soybeans in certain conditions.