



8000-Series

Effective Organic and Herbicide-Resistant Weed Control



A TOUGH ACT TO FOLLOW

ROW CROP CULTIVATORS

CUTTING-EDGE ROW CROP CULTIVATORS

Steel-to-soil cultivation has been the most tried-and-true method for effective weed control since the beginning of modern farming. It also creates space for crops to more easily access water and nutrients, helping maximize yields. With increasing herbicide-resistant weed strains, row crop cultivators are an important tool to have in your shed. Orthman offers the most complete lineup of row crop cultivator tillage options, including liquid fertilizer application. You can choose from the model 8315, available in 6- to 16-row units with row widths from 30" to 40" depending on size, or the model 8650, designed for narrow 22" rows in 16-, 18- or 24-row sizes, so you'll be sure to find the right model to fit your tillage needs.



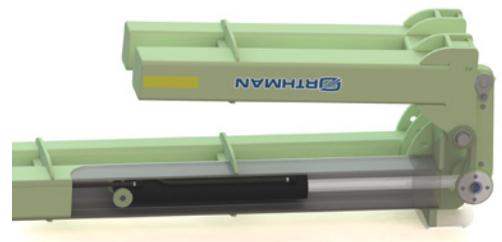
ACCOMPLISH YOUR TILLAGE NEEDS WITH DURABLE AND RELIABLE EQUIPMENT

Regardless of the model, the key to Orthman row crop cultivators is their rugged toolbar design, built to withstand the rigors of tillage — making them a long-term, dependable investment.

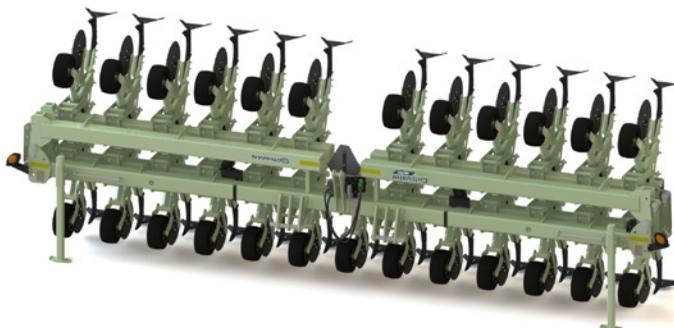


MODEL 8315
16-ROW

- Industry-leading Orthman toolbars in rigid sizes feature thick-walled 7" x 7" construction with a 5" x 7" bolt-on Category 3/3N hitch
- Vertical folding designs feature precision line-bored hinges for smooth folding and added strength with internally mounted folding cylinders that free up toolbar space
- Standard with parking stands for convenient storage and transport lighting with reflective striping for safer road travel
- Folding models also feature double-bar 7" x 7" construction



MODEL 8650
24-ROW



8315

ROW CROP CULTIVATOR

Model 8315 provides a flexible solution — from a compact row unit all the way up to a robust, full-featured tool with fertility placement capabilities for the greatest versatility by adding the long tail option. It's available in 6- through 16-row sizes with 30"-40" row spacings, depending on size, to meet your needs.

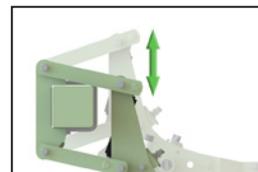
STANDARD FEATURES

ROW UNIT

- Row units feature an innovative, heavy-duty force-through wraparound mounting design with a wedge locking system, instead of U-bolts, that joins steel to steel to stand up to the rigors of high-residue cultivation
- Wrench-free, adjustable depth control up to 9" provides consistent soil penetration for each row unit
- For consistent tillage depth, outfit your unit with either a lead 22"-diameter depth band coulters that cuts residue for a clean tillage pass or a wheel with an 8" x 20.5" tire for flotation. Both options feature easy, wrench-free adjustability with a depth gauge for fine-tuning your tillage depth up to 9"
- Tillage sweep options include single-piece designs in a variety of widths or western sweeps with pitch adjustability and replaceable blades in multiple widths
- Add a long tail option to equip the 8315 with a wide variety of tooling options to customize it to your operation



Wedge Mount



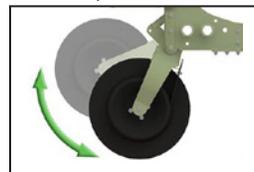
Parallel Linkage Travel



22" Depth Band Coulters



Lead Tire Option



Depth Band Adjustment



Single-Piece Sweep



Western Sweep Option



Long Tail Option

OPTIONAL EQUIPMENT

FOR THE ORTHMAN 8315 WITH LONG TAIL OPTION



Inter-Row Ripper Shanks perform deeper tillage to alleviate hardpan and allow maximum water infiltration for the model 8315. They are positioned right before the weeding shank and feature shear-bolt protection with replaceable points and wearbars.



Intermediate Tooling Options with the long-tail row unit include 14" sweeps or a ripper shank with shear-bolt protection, wear point and shim.



Closed-Top Crop Shields help protect your fragile seedlings and can be added to model 8315 for use in lighter soils. They can be easily flipped up for use in taller crops.

OPTIONAL EQUIPMENT FOR MODELS 8315 AND 8650 FOR ADDED VERSATILITY AND PERFORMANCE



Open-Top Crop Shields are width adjustable to protect fragile young crops while maintaining the desired ground speed. They can easily be rotated up for use in taller crops.



Barring-Off Discs pull soil away from the plant without disturbing the roots and are mounted just before the tillage shank. The shank then repositions the soil across the row width while eradicating weeds. Easily pin them up and out of the way when not needed.

8650

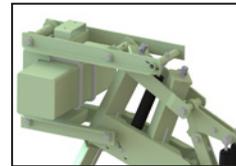
ROW CROP CULTIVATOR

The model 8650 is specifically designed for cultivating crops grown on narrower 22" rows and is available in 16-, 18- or 24-row sizes. This compact, lightweight cultivator design offers unmatched performance in high-residue conditions, making it ideal for strip-till and no-till applications where precision and speed are essential. Best of all, it features the time-tested design of rugged Orthman toolbars.

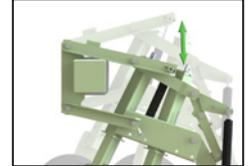
STANDARD FEATURES

ROW UNIT

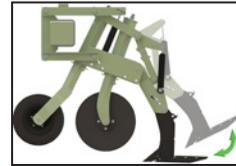
- Row units feature an innovative, heavy-duty force-through wraparound mounting design with a wedge locking system, instead of U-bolts, that joins steel to steel to stand up to the rigors of high-residue cultivation
- The model 8650 row unit features up to 9" of wrench-free depth adjustment and provides up to 9" of quick and consistent tooling depth adjustment
- The compact row unit design offers a choice between an adjustable auto-reset spring design for weed eradication in rocky soils or shear-bolt protection for lighter, obstacle-free soils
- For consistent tillage depth, the 8650 features a lead 8" x 20.5" tire for optimum flotation and easy, wrench-free adjustability with an incremental depth gauge for fine-tuning your tillage depth up to 9"
- A mid-mounted 18"-diameter coulters cuts through residue to eliminate wrapping during the tillage process
- The main cultivator shank can be equipped with either a traditional single-piece sweep or a western sweep design for greater versatility with standard 1/2-width end-row sweeps



Wraparound Parallel Linkage



Cultivator Linkage Travel



Cultivator Rock Trip



Single Tire & Coulters



8" x 20.5" Tire



Coulters Depth Adjustment



Single-Piece Sweep



Western Sweep



Liquid Fertilizer Tubes mount to western sweeps for split applying fertilizer to both sides of the row and feature stainless steel construction for a long life.



Ridging Wings can be added to either wing style to build a furrow for creating flood irrigation channels and can help bury weeds in the crop row with added tillage performance. They can easily be rotated up and out of the way if needed.



Rolling Shields feature a straight-bladed coulters design to prune weed roots closer to the crop and prevent soil from covering the crop. Width and depth adjustability tailor the tool to your needs.



Nurse Tank Hitch tows anhydrous ammonia or liquid fertilizer tanks with up to 18,000 pounds of total weight and 200 pounds of tongue weight capacity. It features a telescoping and pivoting hitch for easy trailer connection.



Lift-Assist Wheels reduce the tractor lifting load and feature a 10,000-pound capacity with wide 8" x 20.5" tires for enhanced field flotation and 87" or 70" arms, depending on the attachments used.

Wing Rests keep the toolbar raised either 115 or 135 degrees when folded for adding various fertilizer pumps or tanks onto your Orthman row crop cultivator.



8000-Series

ROW CROP CULTIVATORS

8315 — SPECIFICATIONS

Rows	Spacing	Sweep Qty	Toolbar	Hitch	Frame	Trans. Width	Trans. Height	Work Width	Trans. Length	Approx. Weight
6	30"	7	Single 7" x 7" 5" x 7" Bolt-On Hitch	CAT 3/3N	Rigid	17' 1"	5' 10"	17' 1"	4' 6"	3,350 lbs
6	30"	7			Folding 180°	13' 6"	8' 10"	17'	4' 6"	4,100 lbs
8	30"	9			Rigid	22' 2"	5' 10"	22' 2"	4' 6"	4,140 lbs
8	30"	9			Folding 180°	13' 6"	8' 10"	22'	4' 6"	4,850 lbs
8	36"	9			Rigid	26' 2"	5' 10"	26' 2"	4' 6"	4,270 lbs
8	36"	9			Folding 180°	16'	8' 10"	26'	4' 6"	4,960 lbs
8	38"	9			Folding 180°	16' 10"	8' 10"	27' 4"	4' 6"	5,010 lbs
8	40"	9			Folding 180°	17' 8"	8' 10"	28' 8"	4' 6"	5,110 lbs
12	30"	13			Folding 180°	18' 6"	8' 10"	32'	4' 6"	6,450 lbs
12	36"	13			Folding 180°	22'	8' 10"	38' 9"	4' 6"	7,110 lbs
12	38"	13			Folding 180°	23' 2"	8' 10"	40' 9"	4' 6"	7,280 lbs
12	40"	13			Folding 180°	25' 8"	8' 10"	41' 6"	4' 6"	7,360 lbs
16	30"	17			Folding 176°	23' 6"	9' 4"	42'	4' 6"	8,620 lbs
16	30"	17			Double 5" x 7" & 7" x 7"	CAT 3/3N	Folding 175°	26' 6"	9' 6"	41' 10"
16	30"	17	CAT 4/4N	Folding 175°		24' 6"	9' 6"	41' 10"	4' 6"	10,360 lbs
16	36"	17	Double 7" x 7" With Top Truss	CAT 4/4N	Folding 170°	28' 8"	11' 4"	49' 6"	4' 6"	11,780 lbs
16	40"	17			Folding 170°	32'	12'	55' 4"	4' 6"	12,320 lbs
18	30"	19			Folding 170°	24' 5"	11' 4"	46' 2"	4' 6"	11,020 lbs
18	36"	19			Folding 170°	28' 8"	12' 2"	55'	4' 6"	12,050 lbs

8650 — SPECIFICATIONS

Rows	Spacing	Sweep Qty	Toolbar	Hitch	Frame	Tail Trip	Trans. Width	Trans. Height	Work Width	Trans. Length	Approx. Weight	
16	22"	17	Single 7" x 7" 5" x 7" Bolt-On Hitch	CAT 3/3N	Folding 180°	Rigid	17' 6"	7' 10"	30' 11"	4' 6"	6,390 lbs	
						Spring-Cushion					6,700 lbs	
16	22"	17		CAT 4/4N	Folding 180°	Rigid	17' 6"	7' 10"	30' 11"	4' 6"	6,570 lbs	
						Spring-Cushion					6,870 lbs	
18	22"	19		Double 5" x 7" & 7" x 7"	CAT 3/3N	Folding 180°	Rigid	21' 2"	7' 10"	34' 7"	4' 6"	6,860 lbs
							Spring-Cushion					7,200 lbs
18	22"	19			CAT 4/4N	Folding 180°	Rigid	21' 2"	7' 10"	34' 7"	4' 6"	7,040 lbs
							Spring-Cushion					7,380 lbs
24	22"	25	CAT 4/4N		Folding 180°	Rigid	25' 9"	8' 10"	46' 2"	5' 5"	11,510 lbs	
						Spring-Cushion					12,010 lbs	

HP requirements of approx. 10 to 15 HP per row for base unit and up to 20 HP for added tillage options.

Standard parking stands, transport lighting, lead depth band coupler or lead tire, and 14" single-piece sweeps (recommended for 30" rows) are included.

Due to continuing improvements in the design and manufacture of Orthman products, all specifications contained herein are subject to change without notice.

▶ TO LEARN ABOUT ALL THE BENEFITS OF MAKING THE ORTHMAN ROW CROP CULTIVATOR AN INTEGRAL PART OF YOUR FARMING OPERATION AND WHY **ORTHMAN IS A TOUGH ACT TO FOLLOW**, SEE YOUR NEAREST ORTHMAN DEALER OR VISIT ORTHMANEQUIP.COM.

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