

MORRIS



MAXIM II

**RAISE THE BAR
ON HOE DRILL
SEEDING ACCURACY**

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The Morris Maxim II Air Drill raises the bar on hoe drill seeding accuracy and dependability. The patented frame coupling system assures the ultimate in frame flexibility and land following.

Offset dual gauge wheels on the wing sections as well as the main frame improve the accuracy of seed and soil fertilizer placement. The 12.5L x 15 tires provide maximum floatation in wet or soft field conditions.

Heavy packer tubing and gussets added to high stress areas of main, wing and packer frames provide greater strength and durability where needed. Improved wing lift geometry ensures more stable transport and improved safety.



Unmatched Flexibility

Individual frames are attached to the hitch assembly by a single universal ball joint. Single ball joints also attach to rear wing lift arms ensuring proper tracking in working position and fully flexible front-to-back and side-to-side land following. This free-floating, simple slab frame design eliminates multiple wear points found in other flex-frame designs.

The hitch design features improved turning clearance for tight spots plus heavier tubing and added "diamond trussing" offers increased durability on all sizes.

Locked in Depth Control

A simple, adjustable collar depth stop system ensures precise and uniform product placement across the entire air drill. A single turn of the depth stop adjustment equals 3/16" working depth change. Once set, consistent depth is locked in across the width of the machine.

With transport wheels elevated, strong, durable front gauge wheels and rear packer wheels control depth. The result is excellent depth control with the advantage of on-row packing for all seeding conditions.



Safety in Transport

For operator convenience and safety, a single point wing lock securely fastens the wings in transport. A lever safely located at the rear of the machine engages the locking mechanism.

In transport, the in-frame dual wheel arrangement greatly reduces the load on the front gauge wheels. Optimized geometry on the wing lift mechanism reduces stress on the components for longer life and reduced maintenance.



The Choice for Clearance

Ample under frame clearance and a unique trip pattern on a four-row configuration provides optimum residue flow. The 400 lb. spring cushion trip assembly reduces stress on the trip components and frame. The optional edge-on shanks tackle heavy surface residue with minimum soil disturbance. Row spacing options are 7-inch, 10-inch and 12-inch.

Accurate Seed Placement Options

Acra Point Opener



3 1/2" Shovel Angle



Side Plate Kit



Gumbo Boot Paired Row C - Shank



Gumbo Boot Paired Row Edge-on Shank



On-Row Packing

Morris offers a full range of durable rubber and steel packer wheels with reinforced hubs to give you the flexibility to operate in a variety of soil and moisture conditions. Choose from widths of 3-1/2 inch and 4-1/2 inch. Rubber packer wheels are effective in heavy or sticky soil conditions, helping prevent soil build-up.

Optional rock deflector and mud scrapers are available. The Maxim II packer wheel systems assure excellent seed-to-soil contact for quicker and more uniform germination.

The packer wheel gangs feature a simple and very durable pivoting system for low maintenance and added life. With heavy 4" x 6" x 1/4" packer tubes, the Maxim II is built for durability and lasting service.

Packer Wheels



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**MAXIM II AIR DRILL
Specifications and Options**

Base Size	3 Frame Models		5 Frame Models	
	34' (10.36 m)	39' (11.89 m)	49' (14.94 m)	60' (18.29 m)
Weight (3 1/2" Steel Packers with Edge-On Shank)				
- 7 1/2" Spacing	17,039 lbs.	18,952 lbs.	25,257 lbs.	N/A
- 19.0 cm Spacing	7,745 kg	8,615 kg	11,480 kg	N/A
- 10" Spacing	15,025 lbs.	16,946 lbs.	22,550 lbs.	28,801 lbs.
- 25.4 cm Spacing	6,830 kg	7,703 kg	10,250 kg	13,091 kg
- 12" Spacing	14,151 lbs.	16,003 lbs.	20,909 lbs.	27,294 lbs.
- 30.5 cm Spacing	6,432 kg	7,274 kg	9,504 kg	12,406 kg
Working Width				
- 7 1/2" (19.0 cm) Spacing	34' 5" (10.49 m)	39' 5" (12.01 m)	49' 5" (15.06 m)	N/A
- 10" (25.4 cm) Spacing	35' (10.67 m)	40' (12.19 m)	50' (15.24 m)	60' (18.29 m)
- 12" (30.5 cm) Spacing	35' (10.67 m)	41' (12.50 m)	49' (14.93 m)	61' (18.59 m)
Number of Shanks				
- 7 1/2" (19.0 cm)	55	63	79	N/A
- 10" (25.4 cm)	42	48	60	72
- 12" (30.5 cm)	35	41	49	61
Frame Width				
- Main	14' 6" (4.42 m)	14' 6" (4.42 m)	14' 6" (4.42 m)	14' 6" (4.42 m)
- Inner Wing	10' (3.05 m)	12' 6" (3.81 m)	10' (3.05 m)	12' 6" (3.81 m)
- Outer Wing	N/A	N/A	7' 6" (2.29 m)	10' (3.05 m)
Overall Length	25' 8" (7.82 m)	25' 8" (7.82 m)	29' 7" (9.02 m)	29' 7" (9.02 m)
Transport Position				
- Width	19' 10" (6.03 m)	19' 10" (6.03 m)	22' 6" (6.86 m)	24' 6" (7.47 m)
- Height	14' 1" (4.29 m)	16' 7" (5.06 m)	17' 6" (5.33 m)	17' (5.18 m)
Tires				
- Main Frame Castor Wheel	(2) 12.5L x 15 FI Load Range D	(2) 12.5L x 15 FI Load Range D	(2) 12.5L x 15 FI Load Range D	(2) 12.5L x 15 FI Load Range F
- Inner Wing Frame Castor Wheel (2 per wing)	(4) 12.5L x 15 SL 12 ply rating	(4) 12.5L x 15 SL 12 ply rating	(4) 12.5L x 15 SL 12 ply rating	(4) 12.5L x 15 SL 12 ply rating
- Outer Wing Frame Castor Wheel (2 per wing)	N/A	N/A	N/A	(4) 12.5L x 15 SL 12 ply rating
- Main Frame Transport Wheels	(4) 12.5L x 15 FI Load Range D 6 Bolt Hub	(4) 12.5L x 15 FI Load Range F 8 Bolt Hub	(4) 12.5L x 15 FI Load Range F 8 Bolt Hub	(4) 12.5L x 15 FI Load Range F 8 Bolt Hub
Dual Castor Wheels on Wings	Standard			
Number of Ranks	7 1/2" (19.0 cm) Spacing - 4 row "Z" Pattern 10" (25.4 cm) & 12" (30.5 cm) Spacing - 4 row			
Trip Mechanism	400 lb (180 kg) Spring Cushion Trip			
Shank Options	Forged Edge-On - 1 (2.54 cm) x 2" (5.1 cm) shank Conventional 'C' Shank (1 3/4" (4.4 cm) hole spacing) (47 Degree tillage tools) 'C' Shank available in - 1 (2.54 cm) x 2 (5.1 cm) or 1 1/4 (3.18 cm) x 2 (5.1 cm)			
Packer Wheel Options	3 1/2" (8.9 cm) Steel or Rubber - (7 1/2", 10" & 12" Spacing) 4 1/2" (11.4 cm) Steel or Rubber - (10" & 12" Spacing ONLY)			
Frame to Opener	Vertical Clearance - 27 1/2" with Regular Hoe Point - 30 1/2" with Double Shoot/Knife Openers			
Rank to Rank Spacing	24" (61.0 cm)			
Shank to Shank Spacing	30" (76.2 cm) on 7 1/2" (19.0 cm) & 10" (25.4 cm) spacing, 36" (91.4 cm) on 12" (30.5 cm) spacing			
Frame Depth	76" (1.93 m) (4 ranks)			
2-Bar Harrows	Optional (3 Row 10" (25.4 cm) Spacing ONLY)			
Packer Mud Scrapers	Optional (For both Steel and Rubber Packers)			
Rock Deflectors	Optional (7 1/2" (19.0 cm), 10" (25.4 cm) & 12" (30.5 cm) Spacing)			
Safety Lights	Standard			
Safety Chain	Standard			