

RAZR DISC AIR DRILL
Specifications and Options

Base size	3 Frame Models		5 Frame Models	
	40' (12.19 m)	50' (15.24 m)	60' (18.29)	
Weight	- 7.5" Spacing 19 cm Spacing	29,847 lb 13,538 kg	37,360 lb 16,946 kg	44,872 lb 20,353 kg
	- 10" Spacing 25.4 cm Spacing	26,599 lb 12,065 kg	33,168 lb 15,044 kg	40,342 lb 18,298 kg
	- 15" Spacing 38.1 cm Spacing	23,554 lb 10,684 kg	29,443 lb 13,355 kg	35,331 lb 16,025 kg
Working Width	- 7.5" (19 cm)	38' 4.5" (12 m)	49' 4.5" (15.05 m)	59' 4.5" (18.10 m)
	- 10" (25.4 cm)	39' 2" (11.93 m)	49' 2" (14.99 m)	59' 2" (18.03 m)
	- 15" (38.1 cm)	40' (12.19 m)	50' (15.24 m)	60' (18.29 m)
Number of Openers	- 7.5" (19 cm)	63	79	95
	- 10" (25.4 cm)	47	59	71
	- 15" (38.1 cm)	32	40	48
Frame Width	- Main	14' 3.5" (4.356m)	14' 3.5" (4.356m)	14' 3.5" (4.356m)
	- Wing Inner	11' 11.5" (3.645m)	11' 11.5" (3.645m)	11' 11.5" (3.645m)
	- Wing Outer	N/A	5' 4.84" (1.647m)	9' 11.25" (3.029m)
Transport Position	- Width	20' 3" (6.17 m)	20' 3" (6.17m)	20' 3" (6.17m)
	- Height	15' 11" (4.85 m)	15' 11" (4.85 m)	15' 11" (4.85 m)
	- Length	31' 7" (9.63 m)	35' 8" (10.87 m)	35' 8" (10.87 m)
Tires	- Main Frame Wheels	(8) 16.5x16.1 FI Load Range E	(8) 16.5x16.1 FI Load Range E	(8) 16.5x16.1 FI Load Range E
	- Wing Frame Front Castor Wheels	Dual Castor (8) 12.5SLx15 12 Ply Rating	Dual Castor (8) 12.5SLx15 12 Ply Rating	Dual Castor (8) 12.5SLx15 12 Ply Rating
	- Wing Frame Rear Wheels	(2 per wing) (8) 12.5SLx15 12 Ply Rating	(2 per wing) (8) 12.5SLx15 12 Ply Rating	(2 per wing) (8) 12.5SLx15 12 Ply Rating
Opener	- Disc Down Force	Adjustable from 200 lbs (90.7 kg) to a maximum of 7.5" Spacing – 465 lbs* (210.9 kg)* 10" Spacing – 550 lbs* (249.5 kg)* 15" Spacing – 690 lbs (313 kg) *Limited by available frame weight		
	- Packing Force	Increases proportionally with Disc Down Force - 66 lbs to 150 lbs (30 kg - 68 kg)		
	- Disc Size	1/4 x 20" (0.63 cm x 50.8 cm) at 5 Degree Angle		
	- Gauge Wheel	4 1/2 x 16 x 3 Spoke		
	- Packer Wheel	4 x 12 Dual Rib		
Opener to Ground Clearance	10" (25.4 cm)			
Rank to Rank Spacing	59" center to center			
Number of Ranks	2 Rows			
Shank to Shank Spacing	15" (38.1 cm) on 7.5" (19 cm) Spacing 20" (50.8 cm) on 10" (25.4 cm) Spacing 30" (76.2 cm) on 15" (38.1 cm) Spacing			
Weight Kit	Optional			
Safety Lights	Standard			
Hitch Clevis	Standard - Catagory 4 Optional - Catagory 5			
Safety Chain	Standard			

Specifications are estimates and subject to change.

RAZR

**TECHNOLOGY SO SHARP
IT'S PUSHED TO THE CUTTING EDGE**



Cutting Edge Disc Drill Technology



The new Morris RAZR Disc Drill gives you a performance edge. The walking beam design provides excellent ground following, constant scraper to ground angle and positive furrow closing while creating weight transfer onto the disc blade for added ground penetration. The proven parallel linkage system delivers 10" of transport height while allowing 18" of operating travel and constant down force over the entire working range.

Every feature measures up

The RAZR Disc Drill features a 20" diameter disc blade to give long wear in the field and allows for a reduced blade angle of 5 degrees while still forming the seed furrow. The 12" dual rib packer wheel connected to the walking beam closes the furrow and firms the soil over the seed. The 16" spoke gauge wheel that runs beside the disc, eliminates mud build up and plugging between the gauge wheel and disc blade. The carbide-equipped scraper provides extra wear life and durability.

Easy to set adjustments

And with the RAZR Disc Drill adjustments for depth, hydraulic pressure, closing wheel and the scraper are easy to set. The heavy duty 4" x 6" frame, non-greased composite linkage bushings with two 100-hour hub grease points per opener makes the drill robust and easy to service.

Seed at faster field speeds

Aside from being able to work in tough conditions the RAZR Disc Drill offers the ability to seed at faster field speeds. Sizes of 40, 50 and 60 feet working widths are available with choice of 7.5", 10" or 15" spacing.



More efficient tractor hydraulic demand

Pressure is maintained on the disc unit cylinders through a passive hydraulic system that uses a hydraulic accumulator. This acts as a cushion for the discs and considerably reduces tractor hydraulic demand compared to continuous flow designs. By adding or subtracting oil from the accumulator circuit through a tractor remote, pressure in the accumulator system can be raised and lowered which provides a corresponding increase in downward force and packing pressure.



Down force can be adjusted from 200 to 690 lbs depending on spacing and available frame weight



Simple adjustments for depth control



In-cab pressure control



Hydraulic valve manifold for opener pressure



Walking beam design for better penetration ability at higher speeds