

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.

Double Shoot

Rear mounted center placed fertilizer placement ensures seed openers run in undisturbed conditions for optimum seed placement. The rear fertilizer discs can be locked up for single shoot applications.



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



Double Shoot



In-cab pressure control



Hydraulic valve manifold for opener pressure



Walking beam design for better penetration ability at higher speeds

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 - Single Shoot	- 7.5" Spacing 19 cm Spacing	29847 lbs 13538 kg	37360 lbs 16946 kg	44872 lbs 20354 kg
	- 10" Spacing 25.4 cm Spacing	26599 lbs 12065 kg	33300 lbs 15105 kg	40000 lbs 18144 kg
	- 15" Spacing 38.1 cm Spacing	23554 lbs 10684 kg	29443 lbs 13355 kg	35331 lbs 16026 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 - Single Shoot	- 7.5" (19 cm)	63	79	95
	- 10" (25.4 cm)	47	59	71
	- 15" (38.1 cm)	32	40	48
Number of Openers - Double Shoot	- 7.5" (19 cm)	NA	NA	NA
	- 10" (25.4 cm)	71	89	107
	- 15" (38.1 cm)	NA	NA	NA
Frame Width	- Main	14' 3.5" (4.356 m)	14' 3.5" (4.356 m)	14' 3.5" (4.356 m)
	- Wing Inner	11' 11.5" (3.645 m)	11' 11.5" (3.645 m)	11' 11.5" (3.645 m)
	- Wing Outer	NA	5' 4.84" (1.647 m)	9' 11.25" (3.029 m)
Transport Position	- Width	20' 3" (6.17 m)	20' 3" (6.17 m)	20' 3" (6.17 m)
	- 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		



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