

The Never Pin[™] features your choice of 130 bu. to 300 bu. Morris 7000 Series Air Carts in tow-between or tow-behind configurations. They are easy to operate and incorporate Morris' unique metering and patented distribution

system.

Spiral-fluted metering wheels gently roll

product into the air stream. Accurately meter a full range of seed varieties from canola to cereals, beans and legumes without changing wheels.



S P E C I F I C A T I O N S

Base Size		3 Frame Models	
		34' (10.36 m)	40' (12.19 m)
Weight (Single Shoot)	7 1/2" (19.0 cm) Spacing	24,620 lbs. (11,191 kg)	29,500 lbs. (13,409 kg)
	10" (25.4 cm) Spacing	21,776 lbs. (9,898 kg)	25,652 lbs. (11,660 kg)
Working Width	7 1/2" (19.0 cm) Spacing	34' (10.36 m)	40' (12.19 m)
	10" (25.4 cm) Spacing	34' (10.36 m)	40' (12.19 m)
Number of Openers	7 1/2" (19.0 cm) Spacing	52	64
	10" (25.4 cm) Spacing	40	48
Frame Width	Main	13' (3.96 m)	13' (3.96 m)
	Inner Wing	10.5' (3.20 m)	10.5' (3.20 m)
	Outer Wing	N/A	3.5' (1.07 m)
Overall Length Working Position (clevis to back of rear tire)		31' (9.45 m)	31' (9.45 m)
Transport Position	Width	19.2' (5.85 m)	19.2' (5.85 m)
	Height	16' (4.88 m)	16' (4.88 m)
Tires	Main Frame Castor Wheels	(4) 11L x 15 Fl Load Range F 8 Bolt Hub	(4) 12.5L x 15 FI Load Range F 8 Bolt Hub
	Main Frame Transport Wheels	(4) 11L x 15 Fl Load Range F 8 Bolt Hub	(4) 12.5L x 15 Fl Load Range F 8 Bolt Hub
	Wing Frame Castor Wheels (2 per wing)	2) 11L x 15 SL 6 Ply Rating	2) 12.5L x 15 SL 8 Ply Rating
	Wing Frame Transport Wheels (2 per wing)	2) 11L x 15 SL 6 Ply Rating	2) 12.5L x 15 SL 8 Ply Rating
Road Clearance		10" (25.4 cm)	
Frame Depth		84" (2.13 m) (2 ranks)	
Planting Configurations		7 1/2" spacing - Single Shoot, Double Shoot (Mid Row Band) 10" spacing - Single Shoot, Double Shoot (Side Band and Mid Row Band)	
Seed Opener	Disk Size	20" (50.8 cm) with a 6 Degree Angle	
	Pincher Wheels	8" (20.3 cm) diameter - Solid Rubber	
	Packing Pressure	Adjustable from 30 - 60 lbs. (14 to 27 kg)	
	Opener Down Force	Adjustable from 260 - 375 lbs (118 to 170 kg) at optimum position	
	Seeding Depth	Adjustable from 0.25" - 3.5" (0.64 - 8.9 cm), in increments of 0.25" (0.64 cm)	
Fertilizer Opener	Disk Size	20" (50.8 cm) with a 5 Degree Angle	
	Opener Down Force	350 lbs. (159 kg)	
	Packing Pressure	Optional - Adjustable from 30 to 60 lbs. (13.6 to 27.2 kg)	
	Fertilizer Depth	Adjustable from 0" - 3.5" (8.9 cm), in increments of 0.5" (0.64 cm)	
Safety Lights		Standard	
Safety Chain		Standard	



Dual offset gauge wheels walk right over clumps for consistent, even seeding depth.



Never Pin[™] with 7000 Series tow-behind Air Cart.



for the complete Morris product line, visit www.morris-industries.com

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The policy of MORRIS INDUSTRIES LTD. is one of continuing improvement; therefore, the company reserves the right to change any specification without notice.



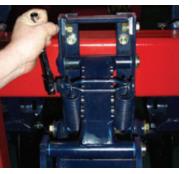






Two pincher wheels are specifically mounted on the opener so that one is running parallel to the disc, while the other one is running parallel to the direction of travel. This patented system eliminates any "hair-pinning" by

holding residue tight between the wheels, allowing the leading edge of the disc to slice through the trash. The pincher wheels are extremely durable for normal to high-speed travel.



Each opener is preloaded and adjustable from 260 lbs to 375 lbs of down force to ensure proper penatration in most soil and residue conditions.



How does the Never Pin[™] cut through the toughest trash? We "forward" mount the opener assemblies, resulting in the toolbar "pushing" the disc blade down to penetrate the soil and slice through heavy trash with the aide of our patented "pincher wheels".

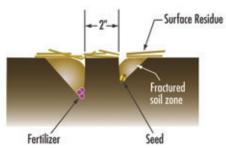
Hair-pinning is now a thing of the past! Never PinTM - The Only TRUE No-Till Disc Air Drill

The parallel link system on the forward mounted opener assemblies allow the Never Pin[™] openers to remain at a constant depth, as they contour over uneven ground. Each Never Pin[™] assembly is free to move independently of its neighbor ensuring precise product placement across the entire width of the machine, even in the most extreme countouring conditions.





Both the 34' and 40' units lock into the same stable, narrow transport.



This cross section shows the detail of the Never Pin[™] furrow for seed placement and the fertilizer placement with the optional Angle Disc Fertilizer Coulter. Note the firm seed bed face, the undisturbed center zone between openers and the cut surface trash.



Our Angle Disc Fertilizer Coulter offers you the flexibility of applying high rates of NH₃, liquid or granular fertilizer at higher speeds. This low disturbance ground opener can be used to side or mid row band your fertilizer in double shoot applications.

