SUNFLOWER®

The 1436 Disc Harrow

To achieve the yields of tomorrow, farmers must control the growing environment like never before.

Tomorrow's higher yields will come from enhanced hybrid genetics, precise, variable application and some luck with the weather. Sadly, you can't always control when or how things will arrive.

But what you can control is the quality of your crops' growing environment. You can give seeds a uniform seedbed unobstructed by excess residue. You can give plants access to ground water and mellow soil that roots can easily penetrate.

You can give each plant it's best opportunity to give you it's best yield.

We've been in the tillage business for a while and that experience gives you tools that work precisely, effectively and consistently with ease. We have several decades and hundreds of millions of acres to teach us what works, what doesn't and why. Today, we offer the broadest line of tools for virtually every growing condition because every farm and every farm's needs are unique.

Tillage matters to your success. And your success matters to us.


SUNFLOWER

The Disc Harrow

The disc harrow has become a fixture on nearly every farm since it's introduction many years ago. When it's doing its job, a disc should size residue to manageable pieces, blend residue into soil to speed up decomposition and deter erosion, break up clods, and level the field.

To do it's job right, a disc needs enough weight to cut tough residue. It also needs gang placement in a way that leaves a uniform surface through a design that allows material to flow through the tool rather than build up. A good disc harrow is easy to keep balanced, easy to use and easy to maintain.

The all-new Sunflower 1436

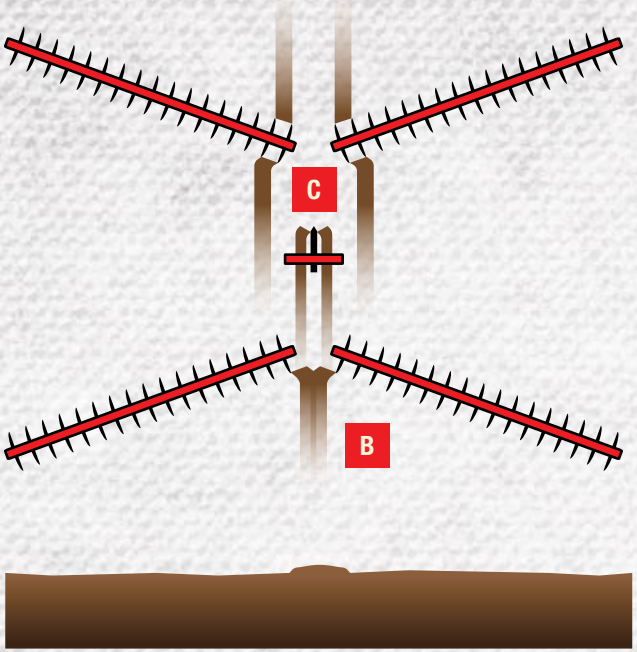
The new Sunflower 1436 breaks through heavy residue with more weight, 645 pounds per foot for the Sunflower 1436-26. The 1436 provides a clean cut across the width of the tool, producing a uniformly worked soil profile with no added center bladed needed.

All 1436s come standard with a level lift frame, walking tandems and gauge wheels to keep the disc balanced. Aligned walking tandems give the disc more control frame contours. For ease of use, the Patented Split wing design allows a 13' 7" transport height - the industry's lowest. The 1436's Frame is balanced to accommodate heavier finishing attachments. No need to adjust the fore/aft level moving from field to transport and back to field.

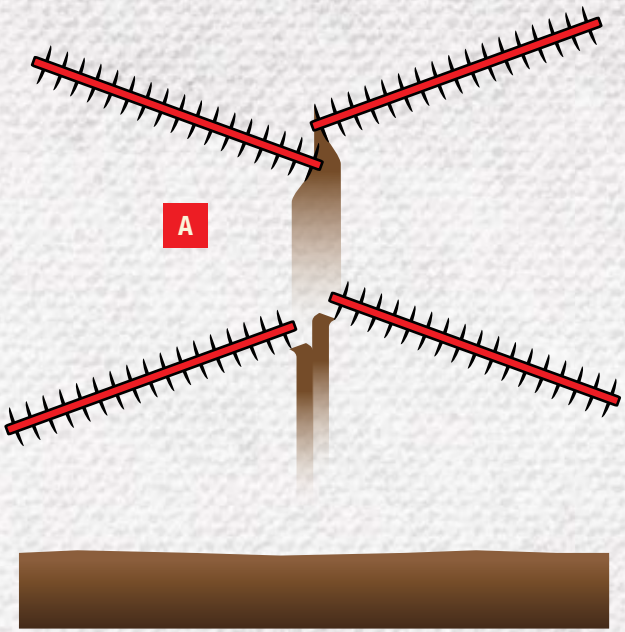
There is a choice of finishing attachments:

- Three finishing reels; 11 or 14-inch flat bar reels
- The 14-inch Sunflower chevron-designed round bar reel.
- Three different drag harrows: heavy-duty or standard coil tine or a three-row spike drag harrow.

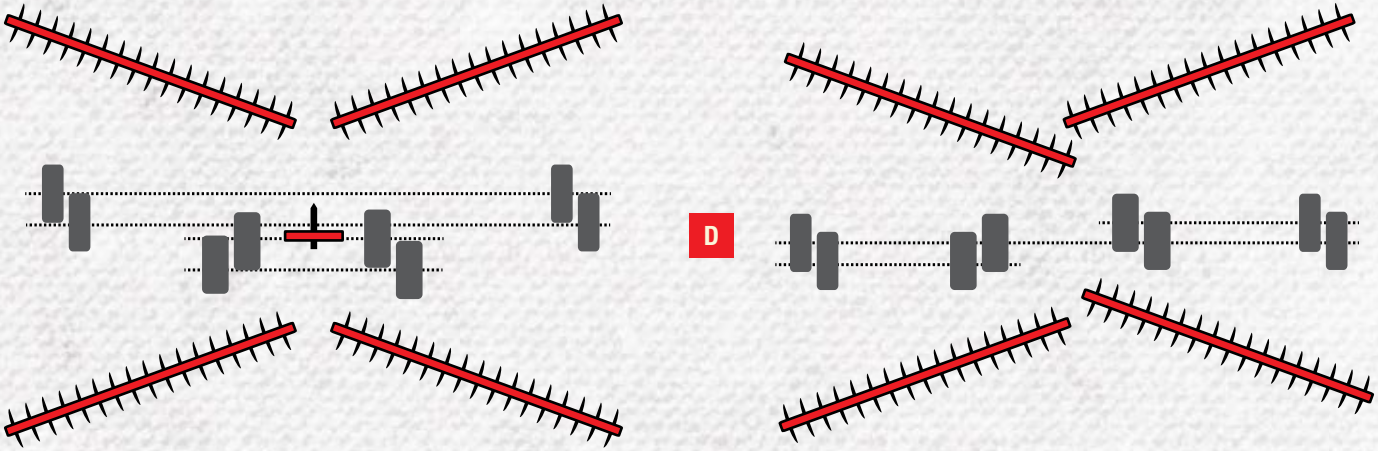

1436



Competitive design



Offest Sunflower design



A The design of the staggered rear gang leaves the soil level with crop residue properly mixed in the microbial zone for rapid decomposition and nutrient retention.

B The offset design of the 1436 avoids the possible soil collisions and reduced uniformity that some tandem designs can create.

C The overlapping gangs on the 1436 eliminate the need for a center blade or shank. The center blade or shank attachment used by our competitors is needed to eliminate the uncut soil remaining between the front gangs and increases the likelihood of inconstant results across the field.

D When the lift system of some competitor's tools is cycled, center section and wing wheels move in opposite directions. This produces a wide span between wheels and creates a hindrance to the tool's ability to pivot over the wheels to follow the ever changing contours of the field. The wheels of the 1436 move in the same direction as the lift system is cycled, keeping the wheels in alignment not hindering the free movement of the frame to pivot over the wheel set allowing the tool to easily follow the contours of the field.

Why choose a Sunflower Disc Harrow?

A Sunflower disc harrow provides benefits not available on other brands of tillage, the ones that do have it must be added on as accessories.

Some brands must locate their gauge wheels far inside the wing frame. This positioning greatly reduces the wheels ability to control the wing and contributes to ridging of the field.

Our design positions the wheels for increased stability. Dual self-levelers are standard equipment on several models of the 1436 Series and gauge wheels are standard equipment on the 1436, which is optional equipment on most competitive models.

- Our gauge wheels pivot on service-free UHMW material; the optional equipment for some manufacturers is a gauge wheel pivot that is cast on steel, which requires daily servicing. Other designs use steel on steel pivot.
- The Sunflower wing frame is considerably heavier than competitive designs. The larger dimensional steel, more fore and aft stringers and cross bracing produces a wing frame that is heavy enough to match the center section's weight so there is no need for a hydraulic wing down pressure option.

Specifications

Model	Transport Width (m)	Transport Height (m)	Frame Size & Gang Angles 20° F /18° R	Spindle Size & Center Tire	Spindle Size & Wing Tires	True Cutting Width (m) 24" Blades Blade Spacing: 8¾" I 9½"	Blade Count F/R Blade Spacing: 8¾" I 9½"	Weight (kg) (Less Attachment) Blade Spacing: 8¾" I 9½"
SF1436-21	13' 6" (4.1)	10' 6" (3.2)	6 - 9 - 6	(4) 2-1/4" (4) 11L GY-FI	(2) 2-1/4" (2) 11L GY-FI	19' 11" (6.1) | 20' 8" (6.3)	30/32 | 28/30	14,607 (6,626) | 15,189 (6,890)
SF1436-24	13' 6" (4.1)	11' 10" (3.6)	7½ - 9 - 7-½	(4) 2-1/4" (4) 11L GY-FI	(4) 2-1/4" (4) 11L GY-FI	22' 82" (6.9) | 23' 7" (7.2)	34/36 | 32/34	16,005 (7,260) | 16,732 (7,590)
SF1436-27	13' 6" (4.1)	13' 3" (4.0)	9 - 9 - 9	(4) 2-1/4" (4) 12.5L GY-FI	(4) 2-1/4") (4) 12.5L GY-FI	25' 5" (7.8) | 25' 1" (7.7)	38/40 | 34/36	17,858 (8,100) | 18,269 (8,287)
SF1436-29	13' 6" (4.1)	14' 7" (4.4)	10 - 9 - 10	(4) 2-1/4" (4) 12.5L GY-FI	(4) 2-1/4") (4) 12.5L GY-FI	28' 2" (8.6) | 28' 0" (8.5)	42/44 | 38/40	19,040 (8.636) | 19,700 (8,936)
SF1436-31	17' 6" (5.3)	13' 4" (4.1)	9 - 13 - 9	(4) 2-3/4" (4) 380/55R	(4) 2-1/4") (4) 12.5L GY-FI	29' 5" (9.0) | 29' 5" (9.0)	44/46 | 40/42	20,091 (9,113) | 20,095 (9,115)
SF1436-33	17' 6" (5.3)	14' 7" (4.4)	10- 13 - 10	(4) 2-3/4" (4) 380/55R	(4) 2-1/4") (4) 12.5L GY-FI	32' 2" (9.8) | 32' 6" (9.9)	48/50 | 44/46	21,443 (9,726) | 21,489 (9,747)
SF1436-36	17' 6" (5.3)	15' 11" (4.9)	11½ - 13 - 11½	(4) 2-3/4" (4) 380/55R	(4) 2-1/4") (4) 12.5L GY-FI	34' 11" (10.6) | 35' 4" (10.8)	52/54 | 48/50	22.740 (10,315) | 22,511 (10,211)

NOTE: Specifications may vary slightly based on tires, hydraulic system or other possible variances.

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