

The 2500 Chisel Plow



SUNFLOWER

The 2500 Chisel Plow





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.



A red Sunflower chisel plow is shown in a field, being pulled by a tractor. The plow has multiple curved shanks and is designed for breaking up soil compaction. The brand name 'SUNFLOWER' is visible on the side of the plow. The background shows a field with some trees and a cloudy sky.

The Chisel Plow

Chisel plows are designed to break up compaction layers in the topsoil and upper sub-soil, allowing for better water uptake, and increased root growth, while breaking up the resulting clods.

To do the job right, a chisel plow must have the design, balance and load tolerance to keep the tool in the ground at a set depth.

The shank spacing must be close enough to ensure full shatter and the frame design and shank placement must allow for clear flow of material while discouraging build up. Finally, a chisel plow should offer the finishing attachments that break up clods and level the surface.

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The Sunflower 2500 series delivers a uniform and consistent result by using one of two shank options: a 650 lb. or 1,000 lb. point load, with 12 or 15-inch shank spacing.

The tool stays balanced with walking tandems at all wheel lift locations and gauge wheels on every full flexing wing frame-. This maintains the frame height to keep the chisel points at a set depth no matter how rolling the terrain may be.

There is a choice of three finishing attachments:

- 3-row coil tine, 2-row coil tine with flat bar reel or 5-row spike drag.

The 2500 series is durable with large tires, wheels, spindles and hubs that pivot on “service free” 4 1/2” diameter UHMW lift bearings and provide lift and stability in the field and on the road.

The Heavy 4” x 4” x 3/8” frame accommodates a 12 or 15 inch shank spacing. Angled cross bracing directs frame stress evenly throughout the frame.

- The high performance, heavy-duty, 4” x 4” tubular welded frame is available with a shank spacing of 12 or 15 inches.
- The all new 140” frame design features 2” x 4” “angled” cross members to provide greater strength than traditional right angled box frames. The draft forces, normally so stressful to a tillage

tool frame, are directed outward through the frame by these angled cross members. On the traditional square designs of our competitors, the draft forces are allowed to concentrate in the corners.











Specifications

Model	Transport Width (m)	Transport Height (m)	Frame Size 13' Center (3.96) Stub / Wing Size	Spindle Size & Center Tire	Spindle Size & Wing Tires	Working Width (m) Shank Spacing: 12" 15"	Number of Shanks	Weight (kg) 1000 lb. Level Lift		
							Shank Spacing: 12" 15"	Shank Spacing: 12" 15"		
SF2510-13	13' 6" (4.1)	6' 8" (2.8)	0'	(4) 2 1/2"	N/A	13' 0" (3.96) 12' 6" (3.81)	13 10	6,694 (3,036) 6,289 (2,853)		
SF2510-15	14' 8" (4.37)		1' (0.03)	(4) 12R22.5 x 8.25 (used)		15' 0" (4.6) 15' 0" (4.6)	15 12	7,024 (3,186) 6,619 (3,002)		
SF2510-17	17' 1" (5.21)		2' (0.06)	(4) 12R22.5 x 8.25 (used)		17' 0" (5.2) 17' 6" (5.3)	17 14	7,456 (3,382) 7,051 (3,198)		
SF2530-19	14' 1" (4.29)	9' 9" (2.97)	0' 3" (0.91)	(4) 2 1/2"	N/A	19' 0" (5.79) N/A	19 N/A	8,652 (3,925) N/A		
SF2530-19-21		9' 11" (3.02)	1' (0.03)/3' (0.91)	(4) 12R22.5 x 8.25 (used)		21' 0" (6.40) 20' 0" (6.10)	21 16	8,977 (4,072) 8,302 (3,766)		
SF2530-19-23		10' 1" (3.07)	2' (0.06)/3' (0.91)	(4) 12R22.5 x 8.25 (used)		23' 0" (7.01) 22' 6" (6.86)	23 18	22' 6" (6.86) 8,735 (3,962)		
SF2530-25	14' 1" (4.29)	10' 1" (3.07)	0' 6" (1.83)	(4) 2 1/2"	(2) 2 1/2"	25' 0" (7.62) 25' 0" (7.62)	25 20	11,404 (5,173) 10,729 (4,867)		
SF2530-25-27		11' 1" (3.38)	1' (0.03)/6' (1.83)	(4) 12R22.5 x 8.25 (used)	(2) 12R22.5 x 8.25 (used)	27' 0" (8.23) 27' 6" (8.41)	27 22	11,734 (5,325) 11,059 (5,016)		
SF2530-25-29		11' 8" (3.38)	2' (0.06)/6' (1.83)	(4) 12R22.5 x 8.25 (used)	(2) 12R22.5 x 8.25 (used)	29' 0" (8.84) 30' 0" (9.14)	29 24	12,167 (5,519) 11,452 (5,194)		
SF2530-31	19' 2" (5.84)	12' 6" (3.81)	0' 9" (2.74)	(4) 2 1/2"	(4) 2 1/2"	31' 0" (9.45) 30' 0" (9.14)	31 24	15,171 (6,882) 14,253 (6,465)		
SF2530-31-33		13' 6" (4.11)	1' (0.03)/9' (2.74)			(4) 2 1/2"	(4) 12R22.5 x 8.25 (used)	33' 0" (10.06) 32' 6" (9.91)	33 26	15,528 (7,044) 14,583 (6,615)
SF2530-31-35		14' 6" (4.42)	2' (0.06) /9' (2.74)			(4) 12R22.5 x 8.25 (used)	(4) 12R22.5 x 8.25 (used)	35' 0" (10.67) 35' 0" (10.67)	35 28	15,961 (7,240) 15,016 (6,811)
SF2530-31-37		12' 6" (3.81)	0' 9" (2.74) & 3' (.91)			(4) 12R22.5 x 8.25 (used)	(4) 12R22.5 x 8.25 (used)	37' 0" (11.28) 37' 6" (11.43)	37 30	17,267 (7,832) 16,322 (7,404)
SF2530-31-39		12' 6" (3.81)	1' (0.03)/9' (2.74) & 3' (0.91)			(4) 12R22.5 x 8.25 (used)	(4) 12R22.5 x 8.25 (used)	39' 0" (11.89) 40' 0" (12.19)	37 32	17,597 (7,982) 16,652 (7,553)
SF2530-31-41		12' 6" (3.81)	2' (0.06)/9' (2.74) & 3' (0.91)			(4) 12R22.5 x 8.25 (used)	(4) 12R22.5 x 8.25 (used)	41' 0" (12.50) 42' 6" (12.95)	41 34	18,029 (8,178) 17,084 (7,749)
SF2530-37	19' 2" (5.84)	15' 6" (4.72)	0' 12' (3.66)	(4) 2 1/2"	(4) 2 1/2"	37' 0" (11.23) 37' 6" (11.43)	37 30	16,649 (7,552) 15,704 (7,123)		
SF2530-39		16' 6" (5.03)	1' (0.03)/12' (3.66)			(4) 12R22.5 x 8.25 (used)	(4) 12R22.5 x 8.25 (used)	39' 0" (11.89) 40' 0" (12.19)	39 32	16,979 (7,702) 16,034 (7,273)
SF2530-37-43		16' 6" (5.03)	0' 12' (3.66) & 3' (0.91)			(4) 12R22.5 x 8.25 (used)	(4) 12R22.5 x 8.25 (used)	43' 0" (13.11) 42' 6" (12.95)	43 34	18,767 (8,513) 17,552 (7,962)
SF2530-37-45		16' 6" (5.03)	1' (0.03)/12' (3.66) & 3' (0.91)			(4) 12R22.5 x 8.25 (used)	(4) 12R22.5 x 8.25 (used)	45' 0" (13.72) 45' 0" (13.72)	45 36	19,097 (8,662) 17,882 (8,111)
SF2530-37-47		16' 6" (5.03)	2' (0.06)/12' (3.66) & 3' (0.91)			(4) 12R22.5 x 8.25 (used)	(4) 12R22.5 x 8.25 (used)	47' 0" (14.33) 47' 6" (14.49)	47 38	19,530 (8,859) 18,315 (8,308)

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



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