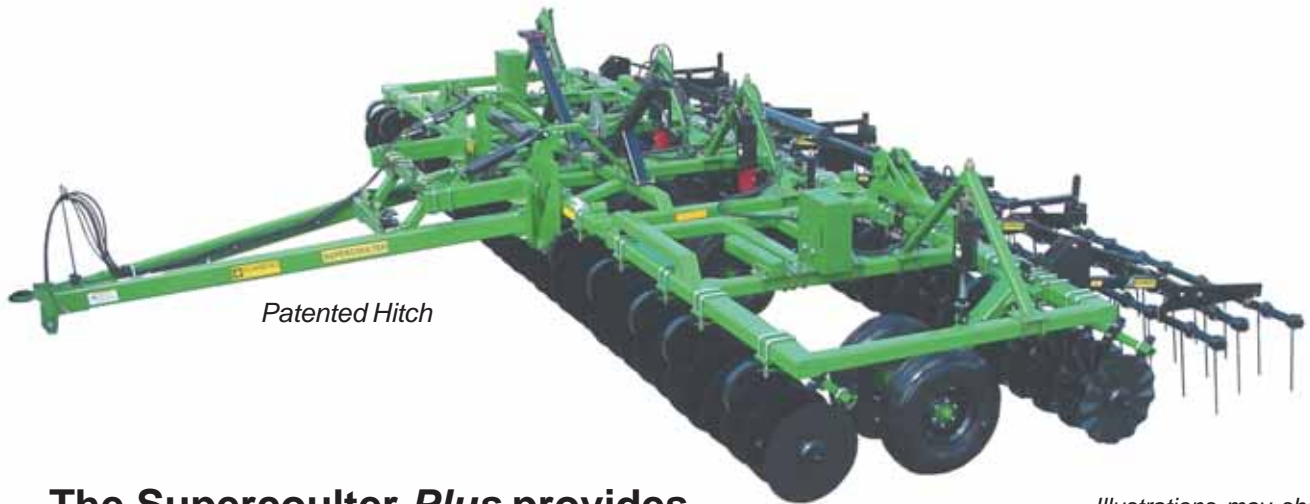




SUMMERS[®]

SUPERCOUNTER *PLUS*



Patented Hitch

The Supercoultter *Plus* provides for even greater management of excessive field residue in *no-till, minimum-till* and *conventional-till* farming operations.

Illustrations may show optional equipment

It's the same, farmer proven **Supercoultter** with one "hitch". An **Hydraulic Hitch** that permits the operator to transfer weight from front gang to rear *or* from rear gang to front, turning it into a real multi-function tool. This feature along with the different blades and blade placement match the **Supercoultter Plus** to most farming practices.

Built on a rugged 4" square and 4" x 6" rectangular tube frame, the **Supercoultter Plus** is designed to fulfill an important need in your Spring seedbed and Fall residue management operations.



The **Supercoultter Plus** requires low horsepower, covers fields fast and penetrates residue allowing for earlier planting. It is available in working widths of 15, 20, 23, 30 (standard or narrow center), 40 and 50 feet.

FIELD TESTED TOUGH !



The **Hydraulic Hitch** (U.S. Pat. No. 7,188,680) permits the operator to transfer weight from the front gang to the rear gang or from rear gang to front, turning the **Supercoultter Plus** into an even more multi-function tool.



The **Supercoultter Plus** can be equipped with straight coulters on front rank (left picture) and 13-wave coulters (right picture) on rear. This combination is effective on heavy residue in a variety of field conditions.

Units can also be equipped with several combinations of blades as shown in the **Blade Selection Chart** on the next page.



Utilizing the proven slicing smooth blades on the front gang and the 1-1/4" or 1-3/4" wave, soil moving blades on the rear gang allows the operator to hydraulically determine field finish from the tractor seat.

With this blade combination, transferring weight to rear gangs with the **Hydraulic Hitch** results in moving more soil thus burying more residue.



In dry, hard conditions, the **Hydraulic Hitch** is used to transfer the weight to the front gangs providing extra pressure to slice through the toughest residue. Resulting small sections of residue are not buried but remain on top of soil to help prevent moisture loss and erosion.

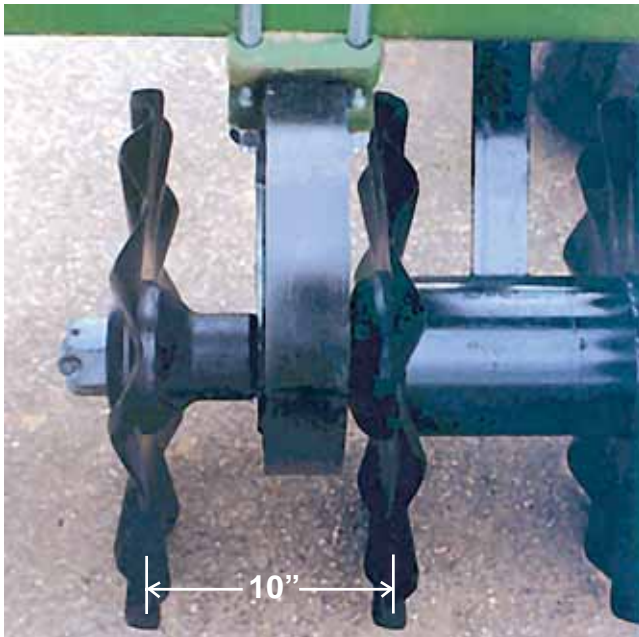
Hydraulic hitch can be run in float position in rocky conditions to dampen impact.

This is what one satisfied farmer has to say about the Supercoultter . .



*"We have a no-till, minimum-till operation and were having trouble with wet conditions. We rented a **Supercoultter** from a dealer and really liked it. Last spring we bought one and we liked it so well we ran it over all our acres. It helped dry out the land so we could go on there and drill it. It helped chop up the residue and therefore we had a better stand, especially the soybeans we planted in wheat stubble. It's been really good for us."*

Jerry Johnson - Groton, SD








Super-flex™ C-Shanks assist in absorbing shocks from rocks and stumps. This important feature extends the life of the bearings and blades. Toggle mounted, shielded, triple seal ball bearings are relubricable and self-align as the gang flexes.

Blades are .256" thick and spaced on 10" centers for an effective spacing of 5".



Dual axles equipped with high floatation tires mounted on heavy duty hubs assist with depth control and aid flotation in a variety of ground conditions.

See specifications for standard and optional tires and hubs. All hubs include grease fittings and rims have valve stem protectors.

Blade Selection Chart		13 Wave	8 Wave	8 Wave Notched	Flat	Turbo
						
Factor	Qualities	1-1/4" Working Width	1-3/4" Working Width	1-3/4" Working Width	.256 Working Width	5/8" Working Width
Thickness	.256	X	X	X	X	X
Diameter	20"		X	X		
	22"	X			X	X
Agressiveness	Low				X	
	Medium	X				X
	High		X	X		
Tillage Practice	No-Till	X			X	X
	Reduced-Till	X	X	X	X	X
	Conventional	X	X	X		
Fertilizer Incorporation	Good				X	X
	Better	X				
	Best		X	X		
Residue Sizing	Good					
	Better	X	X	X		X
	Best				X	
Soil Movement	Good				X	
	Better	X				X
	Best		X	X		
Part Number		8J1022H	8J1020	8J1020N	8J1023H	8J1027H

Proven benefits of using a Summers Supercoultter



Wheat direct seeded on field that had previously grown beans. Supercoultter was not used prior to seeding.



Beautiful wheat field illustrating accurate seed placement without plugging. The Supercoultter was used on this field prior to seeding.



Heavy corn residue from last fall's combining. Note long stalks....just the thing to plug seeding equipment.



Close up illustration of residue after treatment with Supercoultter. Note stalks cut to small lengths allowing easy diversion by seeder. Plugging is very unlikely.



Seeded bean field with resulting furrow left after row crop seeder was plugged with old corn crop residue.



Pile of corn stalk residue almost 2 ft. high that plugged seeder in field at left.

The **Summers Model 104 and 105 Mounted Harrows** are available as an option on all Supercoulters. These heavy, long spring tine harrows assist in a more thorough distribution of residue.

When used with the **Hydraulic Hitch**, the tractor remote can be placed in the float position allowing the machine to follow field contours for a perfect seedbed.

Mounted harrow can be locked up when not needed.



Rolling Baskets provide leveling and crumbling action. This attachment is ideal for seedbed preparation.



Rolling Baskets are used in conjunction with a **Summers 3-Bar M104 Mounted Harrow** equipped with 1/2" x 20" teeth.

Baskets are 13" in diameter with 8 blades of 1/4" high carbon steel. They are equipped with **relubricable, triple lip sealed, square bore bearings**.

Baskets are mounted on 3" square attachment arms equipped with adjustable down pressure. These are the strongest on the market.



Supercoulters with **Rolling Choppers** sizing residue and preparing a minimum-till seedbed.

SPECIFICATIONS

Size	15 ft.	20ft.	23 ft.	30 ft. w/nrw cntr.	30 ft. w/std. cntr.	40 ft.	50 ft.
Frame, Heavy Wall	4" Square and 4" x 6" Rectangular Steel Tube						
Gangs	4	8	8	12	8	12	16
No. Blades, center	36	26	26	26	36	36	36
No. Blades, wing	-	11	15	23	18	30	30 + 24
Bearings (Qty.)	8	16	16	24	16	24	32
Gang Mounting	2 - Super-Flex C-shanks per gang						
Wheels, Center	2 sets, duals						
Wheels, Wing	-	-	1 set, duals	1 set, duals	1 set, duals	1 set, duals	1 set, duals
Hubs, Center	6-bolt, HD*	8 bolt, HD	6-bolt, HD*	8-bolt, HD	6-bolt, HD*	8-bolt, HD	8-bolt, 817
Hubs, Wing	-	-	6-bolt, HD*	6-bolt, HD*	6-bolt, HD*	6-bolt, HD*	8-bolt, HD
Tires, Center	11L x 15" **	12.5L x 15"***	11L x 15" **	12.5L x 15" ***	11L x 15" **	12.5L x 15"***	340/65 R18
Tires, Wing	-	-	11L x 15" **	11L x 15" **	11L x 15" **	11L x 15" **	12.5L x 15"***
Hyd. Cyl., Main Lift	One Rephasing 8" stroke per set of wheels						
Hyd. Cyl., Wing Lift	-	4" x 33"	4" x 33"	5" x 33"	4" x 33"	5" x 33"	5" x 33" 4.5" x 16"
Eng. H.P. Req.	74-129	98-172	112-197	147-257	147-257	196-343	250-430
Eng. H.P. Req. with M-104 Mtd. Harrow	83-147	110-196	126-225	165-294	165-294	220-392	280-493
Approx. Wt., lbs.	8,475	13,300	14,437	17,302	16,827	21,098	23,346
Transport Width	15' - 1"	14'-3"	15' - 8"	15' - 4"	19' - 6"	19' - 6"	19'-6"
Transport Height****	5' - 8"	8'-8"	10' - 3"	14'	10' - 9"	16'	16'-8"

- * 8-bolt heavy duty, optional
- ** 12.5" x 15", optional
- *** 340/65 R18", optional
- **** Transport height listed will vary dependent upon machine settings and options.

A narrow transport width is achieved with the 23 ft. and 30 ft. *narrow center*.



In a continuing desire to improve its products, Summers Manufacturing Company, Inc. reserves the right to change design, materials and/or specifications without notice or obligation.

DEALER

Telephone (800)732-4347, ext. 4015

Check out our web site: www.summersmfg.com



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