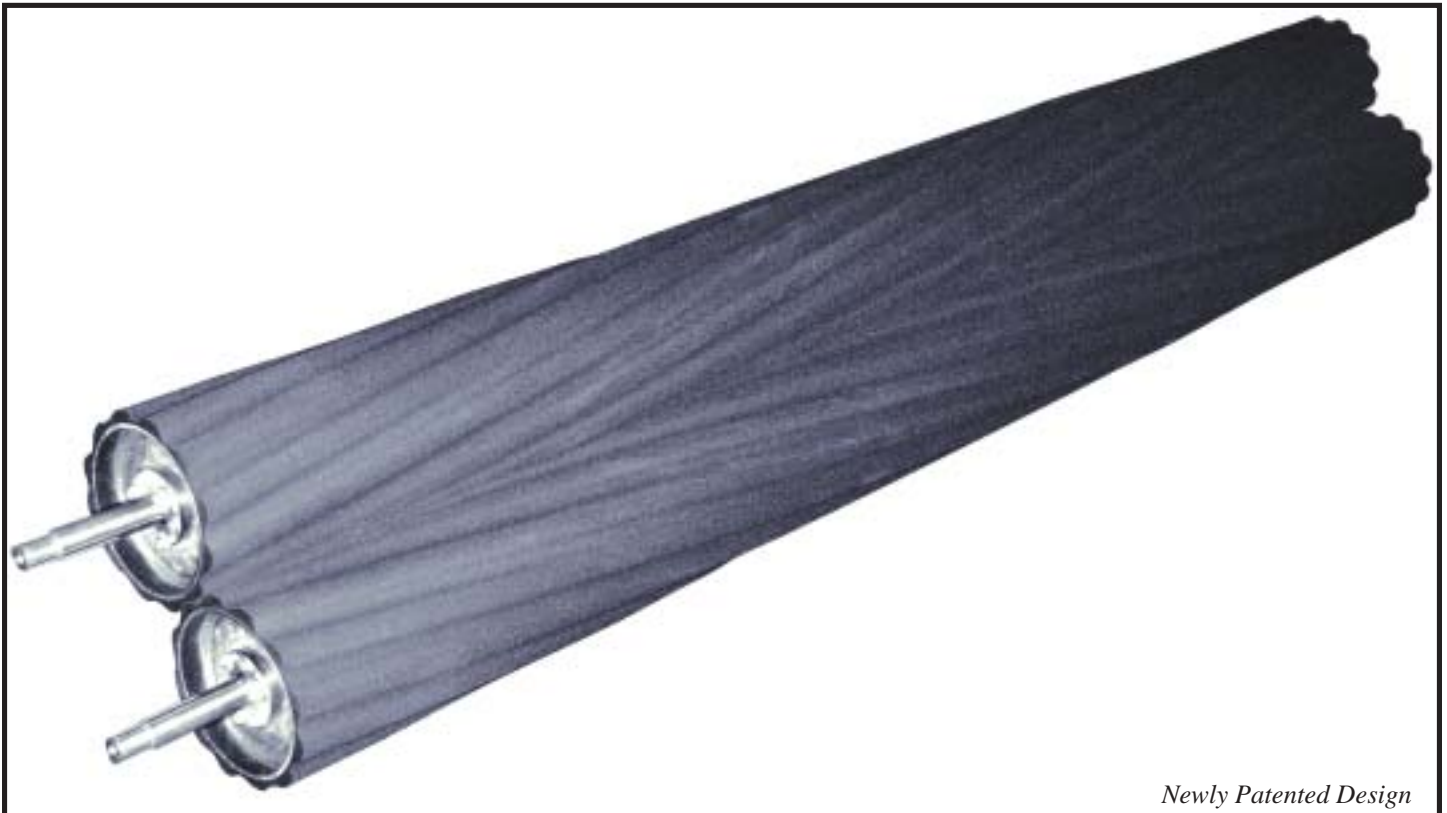

New Product Announcement

Bulletin No: 10 04 SC
Date: October, 2004

THE 2005 SUPER CONDITIONER

**Improved Super Conditioning, Improved Feeding, and
Improved Durability**



Newly Patented Design

Circle C Equipment, L.L.C. is excited to introduce the next generation 2005 Super Conditioner. The 2005 Super Conditioner continues to offer the exceptional benefits of crushing the full length of the stem. This causes the hay to dry down faster than ever before, and allows the crop to be ready to bale much sooner than conventional mechanical conditioners. Fast drying hay is more nutritious, sweeter, greener, and softer.

The 2005 Super Conditioner aggressively feeds crops through the rolls enabling high-speed swathing. This improved feedability overcomes challenging conditions without plugging and wrapping.

The 2005 Super Conditioner is more durable than ever because the intermeshing pattern quickly ejects debris with little or no damage to rubber or rolls.

Circle C Equipment, L.L.C., reserves the right to make changes and/or add improvements at any time without advance notice or any other obligation. In some of the illustrations or photos found in this bulletin, guards or panels may have been removed for clarity. Never operate machinery with any panels or guards removed.

Super Conditioned Hay

The picture to the right shows a clear example of the nice, even, smooth windrows made by the 2005 Super Conditioner on hay. The pictured hay was cut with a John Deere 4995 with a 994 rotary header at 10 mph in a wet 4th cutting crop.

The inset to the picture on the right is a close-up of the hay and how it looks when correctly conditioned throughout the full length of the stem. The hay has cracks down the full length of the stems, with little bruising of the leafage. This allows the hay to dry faster and retain its vital nutrients.

Hay that is 2005 Super Conditioner is softer because of the full-length stem cracks. Hay that has this full-length conditioning stops respiration sooner, and thus dries faster than hay that has been conditioned by conventional rolls. Super Conditioned hay has been found to be Sweeter, Greener, Softer, and more palatable.

The close-up pictures below show the differences between hay that is conventionally conditioned and Super Conditioned.

Single Stem of Conventionally Crimped hay. The stem shows breaks every few inches.



Single Stem of Super Conditioned Hay. The stem shows cracks down the full length of the stem.



A Super Conditioned Windrow. Inset is of hay that has been conditioned by the 2005 Super Conditioner.

Windrow being layed down by John Deere 4995 with 994 header at 10 mph in wet 4th cutting crop.



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Intermeshing Roll Pattern

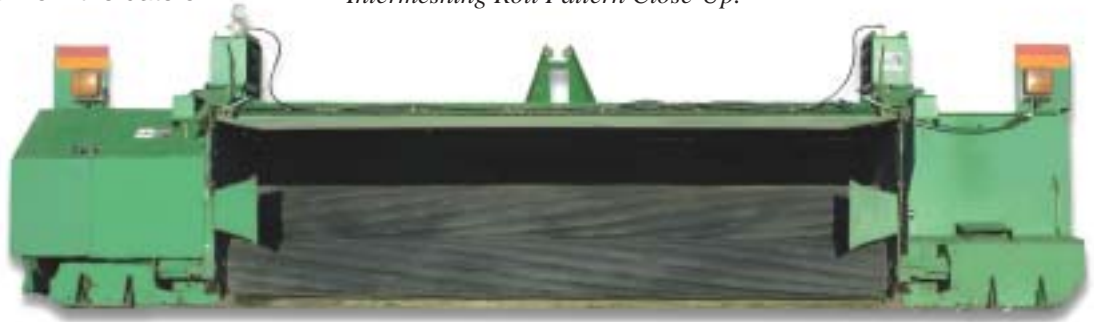
The 2005 Super Conditioner features a set of intermeshing rolls. The rolls are vulcanized with a specially designed rubber that has been formulated for extreme use. After vulcanization, the rolls are machine grooved with a completely intermeshing pattern. The pattern has been engineered to create full-length stem conditioning by removing gaps between the rolls.

The intermeshing pattern is aggressive in pulling crops and debris through. Small rocks are pulled through the rolls quickly, rather than allowing abrasion of the rubber. Because of the aggressiveness of the design, the chances of plugging and wrapping are greatly reduced even in weedy or wet conditions.

The rubber is warranted for 1 year from the date of installation.



Intermeshing Roll Pattern Close-Up.



The 2005 Super Conditioner fits many newer generation swathers and mower-conditioners including Hesston, John Deere, New Holland, Case, Challenger, New Idea, and Vermeer. Pictured above and to the right are a John Deere rotary header and a New Holland Sickle Header. The 2005 Super Conditioner is installed easily in most machines and can be done by the customer, at a dealership, or on-site by Circle C factory technicians.



Removable Shafts

As found on the original model of Super Conditioner, the 2005 Super Conditioner includes removable shafts. In the case that a shaft is damaged by excessive bearing heat, or by large object impact, the shaft is easily exchanged for a new one rather than having to replace the entire conditioner roll as found in other conditioners.



Example of a removable shaft for a 2005 Super Conditioner roll.

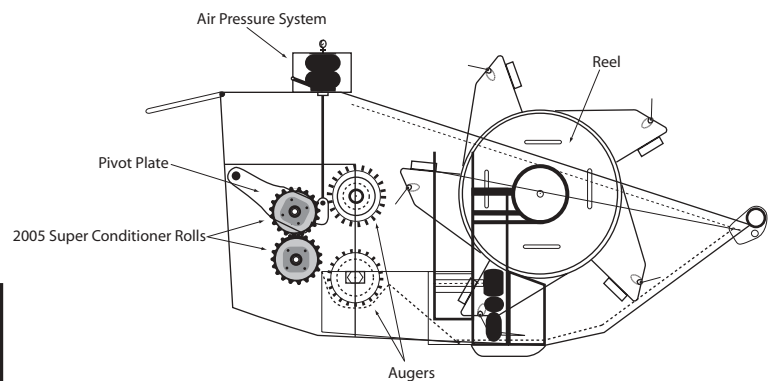


Illustration of 2005 Super Conditioner installation in a sickle type header. The 2005 Super Conditioner is designed for performance in sickle and rotary headers that have a dual drive conditioner system.

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Air Pressure System

Correct roll pressure is critical to good full-length conditioning. The 2005 Super Conditioner is the only conditioner that can use the patented air-bag pressure system to control roll pressure. The grower can quickly and easily set the pressure on the rolls by using the air gauge and nozzle found on the air bag mount. Air bag mounts are conveniently located on the top of the header. The air pressure system is more user friendly and provides more control over the conditioning process than springs or hydraulics. The air bags assure a persistent crushing effect, while allowing the rolls to freely expand to eject debris. The user-selectable pressure allows the farmer to dial in the exact amount of pressure to condition the crop perfectly. This prevents bruising, leaf loss, and slower drying times.

The Air-Pressure System provides just the right amount of linear pressure to the rolls to create a full stem conditioning without macerating or destroying the crop.



2005 Super Conditioner Make and Model Listing

Hesston

1160	1170	1260
1265	1270	1275
1340	1345	1360
1365	8200	8400
8450	8250	8250S
9230	9240	8500
8550	8550S	8070
9260	9070	

New Holland

415	1431	1441
499	1499	1465
489	1475	2450
2550	HW300	HW320
HW340	HS Series	

John Deere

4890	4895	956
4990	4995	945
946	955	

Case

8370	8312	8315
1345	DC515	8830
8840	8870	8860
8850	8880	8880HP
DCX161	DCX131	DCX141
SMX91	SMX100	HDX141
HDX161	HDX901	WDX1101
WDX1701	RDX161	

Challenger

PTS14	PTS16	PTD12
PTD15	SP165	SP80
DK15	DK12	SP185
SP165		

Vermeer

840	1030
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MacDon

9000	9300
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New Idea

5209	5212
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The Super Conditioner II operating in a New Holland HW340 with a 2300 series sickle header.



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