

CLOSING WHEELS FOR NO-TILL CORN PLANTERS

Originally by Rico Balzano, Contact 802-388-4969 for Questions **January 2017**

prices subject to change

CLOSING THE SLOT MAKES NO-TILL SUCCESSFUL

Finely tuned planters are essential for successful no-till. After all, it may be the only tool that touches the soil. There are many available attachments that can help modify your planter for no-till, but the place to start may be at the back of the planter. Conventional rubber closing wheels force the furrow closed from the top, while spiked closing wheels pinch the bottom of the seed trench while keeping the soil above it loose. They also crumble the sidewall, preventing sidewall compaction. Spiked wheels actually work better with very little down pressure, since they are designed to work the seed trench from the bottom. Rubber wheels work best in dry soil, but as moisture levels go up, especially in high-clay content soil, spiked wheels are much more effective at closing the seed trench. What follows is a list of commonly available closing wheels. There are more options out there, but most of the styles are shown here. Every planter model is different so wheels should be ordered for a specific model. Tailpiece conversion kits are available in some cases if needed.

Options for Deere, Kinze, & New-Style White

MARTIN INDUSTRIES

- *Single 15" or double 13" spading (spiked) wheels*
- *Single direction (left hand & right hand)*
- *Double 13" Dimple wheels for more*

1-15" Spading Wheel



\$129

2-13" Dimple wheels



\$233

2-13" Spading Wheels



\$239

YETTER MANUFACTURING

- *Bidirectional 15" spike wheels can be run as a pair or one spike and one rubber wheel*
- *Single direction paddle wheels ensures side-wall fracturing and help warm soil*

www.yetterco.com

2 Paddle Wheels



\$227

2 Spiked Wheels



\$197

More options on next page

Champlain Valley Crop, Soil and Pasture Team | 23 Pond Lane, Suite 300 | Middlebury, VT 05753-1189

802-388-4969 or 1-800-956-1125 (toll-free in Vt.) | cvcrops@uvm.edu

uvm.edu/extension/cvcrops

CLOSING WHEELS FOR NO-TILL CORN PLANTERS

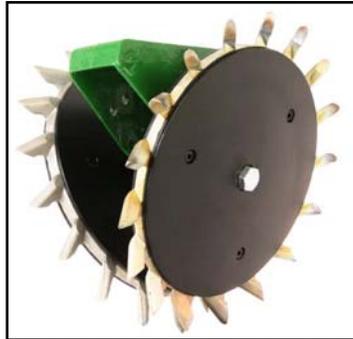
More Options for Deere, Kinze, & New-Style White

SCHAFFERT MANUFACTURING

- Zipper wheels fracture sidewall and pinch the bottom of the seed trench, increasing seed to soil contact
- Mohawk wheels close the top of the furrow with indentations, to prevent reopening

www.schaffert.com

Zipper Wheel



Mohawk Wheel



\$70 each, \$140 per row

SCHLAGEL MANUFACTURING

- Posi-close wheels will not smear top of seed trench
- Depending on soil conditions, wheels can be run with rods pointing in or out
- Posi-close wheels will close trench with indentations, decreasing the risk of trench reopening

www.schagel.net

Posi-close wheels

\$175 per row



SI DISTRIBUTING

- Close-n-Till wheels help break up clods and fine up top soil, and are better in dry no-till conditions
- Finger Till wheels help break up clods and help reduce sidewall compaction

www.sidist.com

Close-n-Till wheel



\$80 each, \$160 row

Finger Till wheel



\$98 each, \$196 row

Champlain Valley Crop, Soil and Pasture Team | 23 Pond Lane, Suite 300 | Middlebury, VT 05753-1189

802-388-4969 or 1-800-956-1125 (toll-free in Vt.) | cvcrops@uvm.edu

uvm.edu/extension/cvcrops

CLOSING WHEELS FOR NO-TILL CORN PLANTERS

More Options for Deere, Kinze, & New-Style White

COPPERHEAD AG

- *Furrow Cruiser wheel is designed to break up sidewall compaction*
- *Closes furrow with indentations to prevent reopening*
- *Short tooth design allows for self limiting depth*

*Furrow Cruiser
Closing wheel
\$210*



www.copperheadag.com

DAWN EQUIPMENT CO.

- Curvetine and Gaugetine closing wheels can be run as a single with a rubber wheel or as a pair, and are single direction (LH & RH)
- Replacements \$68 each w/ reusable Dawn hub

Gaugetine Wheel



Curvetine Wheel



www.dawnequipment.com

\$125 each, \$250 per row

EXAPTA SOLUTIONS

- *Thompson Wheel shatter sidewall with self-limiting depth*
- *Thin profile resists mud accumulation*
- *Toe-out wedge changes angle of travel, pulling more soil into the row, helping to close the seed trench*

Toe-out Wedge



Thompson Wheel



\$250 per row, includes wedges and tension

Champlain Valley Crop, Soil and Pasture Team | 23 Pond Lane, Suite 300 | Middlebury, VT 05753-1189

802-388-4969 or 1-800-956-1125 (toll-free in Vt.) | cvcrops@uvm.edu

uvm.edu/extension/cvcrops

CLOSING WHEELS FOR NO TILL CORN PLANTERS

Options for Case-IH & Old-Style White

SCHAFFERT MANUFACTURING

- *Mulches soil over seed bed, does not smear soil like rubber wheels can*
 - *Firms seed bed in all conditions*
- www.schaffert.com

*Chicken Tracker
Press Wheel*

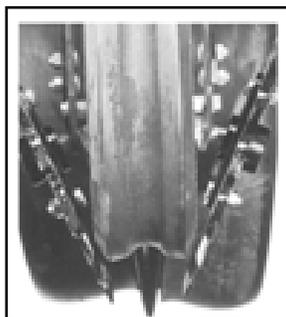
\$139



MARTIN INDUSTRIES

- *Spading wheels move loose soil onto seed trench in tough, no-till conditions*
 - *Replaces covering discs on Case and White planters*
- www.martintill.com

White Spading Wheels



\$279

Case Spading Wheels



\$125

YETTER MANUFACTURING

- *Notched discs move loose soil over seed trench in tough, no-till conditions to allow rear press wheel better seed to soil contact.*
- *Replaces covering discs on Case planters*

www.yetterco.com

Notched Covering Discs

\$78.25



OTHER LOCAL AND ONLINE SOURCES:

Shoup Manufacturing- www.shoupparts.com

Sloan Express- www.sloanex.com

Scott Magnan Custom Service (St. Albans)

Bourdeau Bros.

Champlain Valley Equipment

Salem Farm Supply



Champlain Valley Crop, Soil and Pasture Team | 23 Pond

Lane, Suite 300 | Middlebury, VT 05753-1189

802-388-4969 or 1-800-956-1125 (toll-free in Vt.) | cvcrops@uvm.edu