

# 4-LINK FORCE™

## ABOUT THE 4-LINK FORCE

Schaffert Manufacturing Co., Inc. and Graham Electric Planter partnered to introduce the **new 4-Link Force**. This is an active furrow closing system, utilizing our patented 4-Link Closer™ tail section with Graham's patented wireless Samsung control solutions.

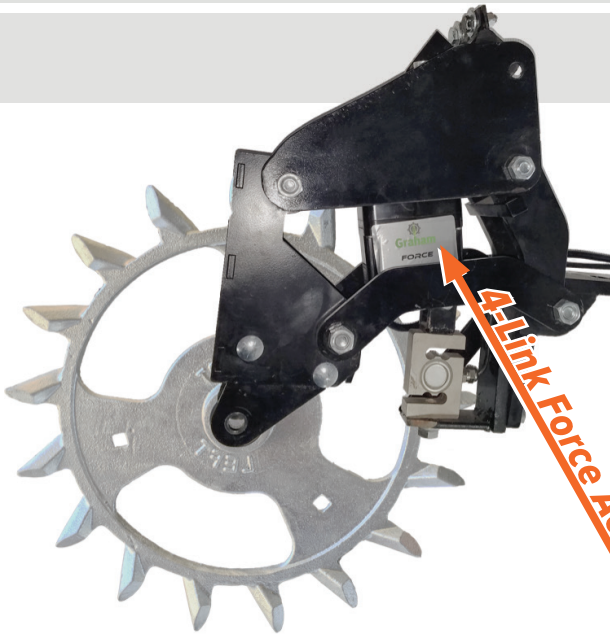
Schaffert Mfg. has taken the nine-inch travel of the 4-Link Closer and added the Graham 12-volt actuator that provides 125 pounds of closing force. Adding in a 1000-pound load cell, and a torsional dampener makes the 4-Link Closer even smoother running!

With the Graham Command Pro™ active management system, we can set the entire planter closing system from the cab and watch individual row performance on the wireless tablet.

Unlike other systems, the 4-Link Force has no air lines or hydraulic hoses going to the rows. The 4-Link Force offers automatic down force management on the closing wheels through a prescription map or settings through the tablet in your cab.

Add the G-Series 2x2 fertilizer system to the 4-Link system and place your fertilizer behind the planter, eliminating mess on the planter.

The 4-Link Force adapts to fit most OEM planters today.

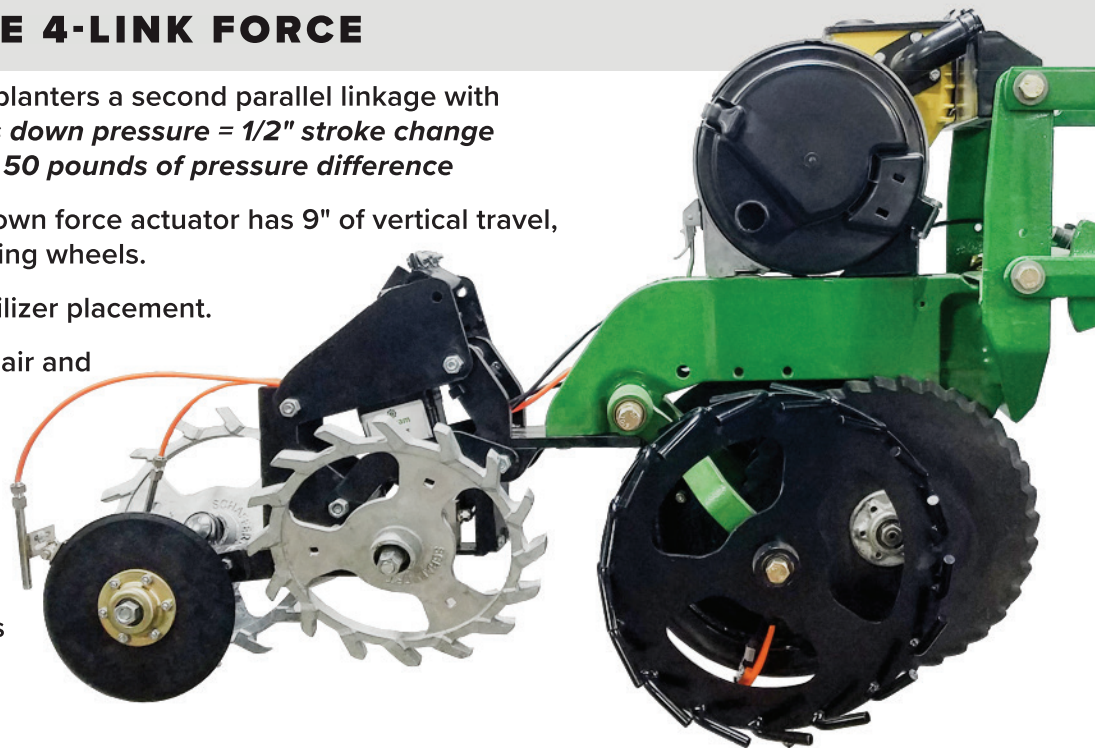


Add Zipper™ or Mohawk™ closing wheels to the 4-Link Force



## BENEFITS OF THE 4-LINK FORCE

- **Graham 4-Link Force** gives planters a second parallel linkage with *in-cab fast reacting wireless down pressure = 1/2" stroke change per second = approximately 50 pounds of pressure difference*
- **4-Link Force** with Graham down force actuator has 9" of vertical travel, compared to 4" on OEM closing wheels.
- Added feature—optional fertilizer placement.
- **Graham** wireless *eliminates* air and hydraulic hoses to each row.
- Better *seed-to-soil* contact and closure.
- 4-Link takes bounce out of planter.
- Utilizes tractor GPS receivers for **precision accuracy** in furrow closing management.



**SCHAFFERT**  
MANUFACTURING AND SALES

[WWW.SCHAFFERT.COM](http://WWW.SCHAFFERT.COM)

SALES@SCHAFFERT.COM  
INDIANOLA, NEBRASKA

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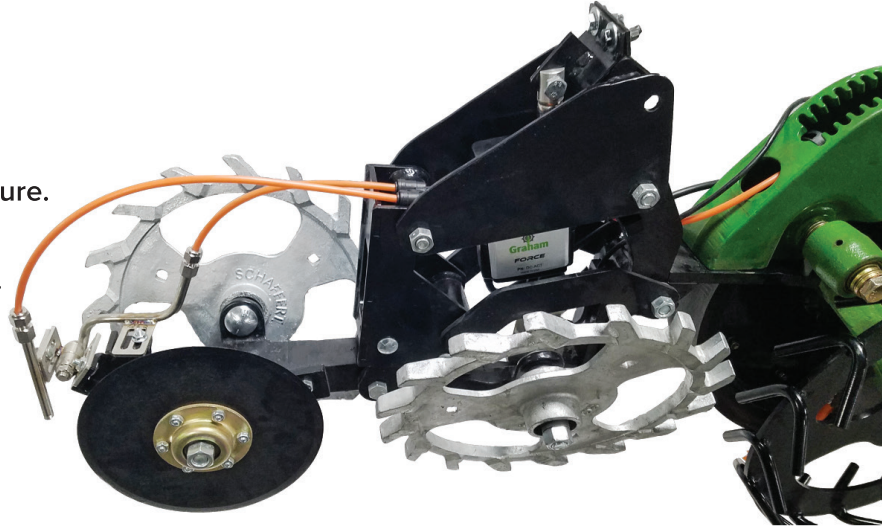
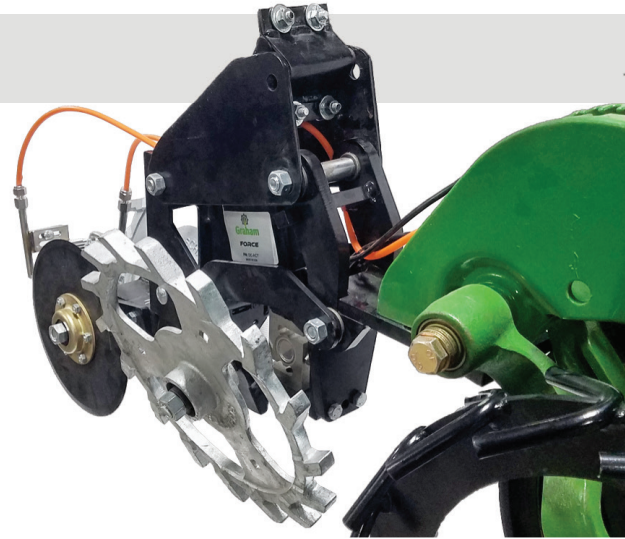
**800-382-2607**

**308-364-2607**

# 4-LINK FORCE™

## 4-LINK FORCE FEATURES

- **Simple Design**  
2" electric actuator with 100% wireless control.
- **Bi-Directional Pressure**  
125 pounds up or down pressure.
- **Graham Torsion Control™**  
Utilizes torsion control clamps to smooth ride and provide more consistent ground contact through changing soil conditions.
- **Android Tablet Control**  
100% wireless communication through Graham Command Pro™
- **Individual Row Unit Management**  
Using load cells on each row that instantly adjusts to manage weight on closing wheels.
- **No Hydraulic Hoses**  
Eliminates the headaches of hydraulic hoses.
- **No Air Bags**  
More responsive than pneumatic down pressure.
- **Replaces Springs**  
Replaces the existing springs on your planter.
- **Single Harness**  
Only harnessing required is power supply.
- **Versatility**  
Installs on any brand of row unit.
- **Active Management**  
Unlike other products that are manual weight setting with no feedback, Graham 4-Link Force offers active, automatic weight management on the closing wheels. Simply click a button on Graham Command Pro for instant pressure change, or utilize prescription maps (.SHP) for automatic adjustments based on GPS location.
- **Up-Pressure**  
Graham Torsion Control provides over 125 pounds of stored energy for necessary up-pressure or other necessary adjustments through various soil conditions in order to maintain a smooth ride of the closing wheels and row units.
- **Graham Command Pro™**  
Offers wireless row level control and monitoring with as-applied mapping and statistics.
- **Fully Integrated Control**  
Pair with Graham Force and Graham Pro electric drives and/or Graham Force to maximize planter performance.



*Graham Force  
Actuator*



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