



360 CHAINROLL

BEST PRACTICES

★ PRECISION RESIDUE MANAGEMENT

Cut stalks in seven-inch segments, ideal for row cleaners to move, thus reducing residue in the seed trench and reducing seedling blights, wicking and lower ear counts.

★ SPEED RESIDUE BREAKDOWN

Speed residue breakdown by two to three times over standard stalk rolls.

★ ELIMINATE AN EXTRA PASS

Eliminate the need for a residue-sizing pass with a disk or vertical tillage tool.

★ LESS HORSEPOWER

Get the benefits of a chopping head without the additional horsepower or maintenance costs associated with these expensive attachments.

★ COMBINE EFFICIENCY

The aggressive piercing and pulling of the stalk through the head improves ear removal and reduces the amount of residue ingested in the feeder house.



✔ INSTALLATION TIPS

600 SERIES

Remove front flange nut and spray down inside the rolls towards the taper/spline interface (between roll and shaft) with penetrating oil. Use an applicator straw attached to the spray nozzle to reach down into the roll. This step may be useful for removing the nut as well depending on head condition.

40/90 SERIES

Spray penetrating oil inside roll at front and inside roll all around the clamp slot near the middle of the roll.

ALL MODELS

Re-install residue knives 3/8" – 1/4" away from stalk rolls (some instances may require new knives).

✔ KEYS TO OPTIMIZING PERFORMANCE

IF STALKS ARE FLARED BUT NOT CONSISTANTLY CUTTING...

Ground speed is too fast to allow stalk roll to process the stalk. Increase head speed.

Changing the pitch of the corn head can help in changing conditions such as wet mornings or a hybrid change. Even a slight change of a 2- to 4-degree pitch can help improve performance under these conditions.

IF RESIDUE IS WET...

Increase stalk roll speed and/or reduce ground speed. See Manufacturer's Operation Manual for suggested head and machine settings for running in wet conditions.

Make sure residue knives are at least 1/4" from the stalk roll. May open up further if rolls aren't ejecting residue quickly enough – resulting in occasional clutch slipping.

Consider raising head two to four inches above current settings.

Watch for "re-processing" residue. If head is too low, or header angle is too flat, it is possible to pick up stalks from the ground and send them back through the rolls. Raise head or adjust pitch to eliminate.

✔ STALK ROLL SPEED VS GROUND SPEED

Stalk Roll Speed versus Ground Speed					
Gathering Chain Speed	470 RPM	550 RPM	620 RPM	690 RPM	750 RPM
Ground Speed	2.0-3.0 MPH	2.75-3.5 MPH	3.0-4.5 MPH	4.25-6 MPH	5.0-6.0 MPH