ATOM-JET INDUSTRIES

2027 AG PRODUCT CATALOGUE



Seeding Openers | Disc Scrapers
Fertilizer Knives | Hydraulic Kits

ATOM-JET GUARANTEE







Celebrating Over 60 Years In Business With Over 40 Years in Agriculture

Atom-Jet is committed to providing the highest quality products and unmatched customer service. We do this by operating quality controlled manufacturing facilities, employing exceptional people, and partnering with qualified dealers. At the heart of this philosophy is the Atom-Jet 100% Money-Back Guarantee, which is not matched by any other opener manufacturer in the market today. Unlike other guarantees, ours is not prorated. If your agricultural product has not performed to your satisfaction within the first year (12 months from purchase) **our sales and service team, in cooperation with your local dealer, will come to your farm to correct the problem**. If they cannot, Atom-Jet will refund 100% of your money.*

*Atom-Jet Money-Back Guarantee: Atom-Jet will provide a 100% money back guarantee on openers purchased within one year of the ship date provided the following conditions are met; otherwise, the guarantee becomes null and void: 1. Atom-Jet is notified within 1 year from date of sale. **2. The Atom-Jet service team was granted access to resolve the concern at the time of occurrence.** 3. Openers were not operated under adverse tripping conditions (ie. 500+lbs. trip pressure) or in untillable conditions.

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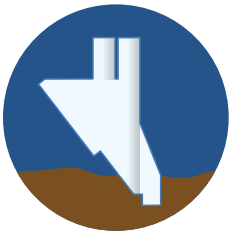
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ATOM-JET ADVANTAGE



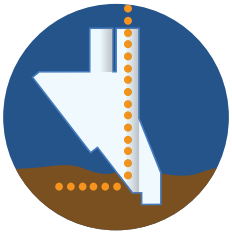
SOIL DISTURBANCE

- The shape and form of our vertical design causes the soil to be split, nearly eliminating the throw that comes with bulkier horizontal openers.
- This reduces the risk of not retaining enough soil to cover the seed, or causing stepping.



TRASH CLEARANCE

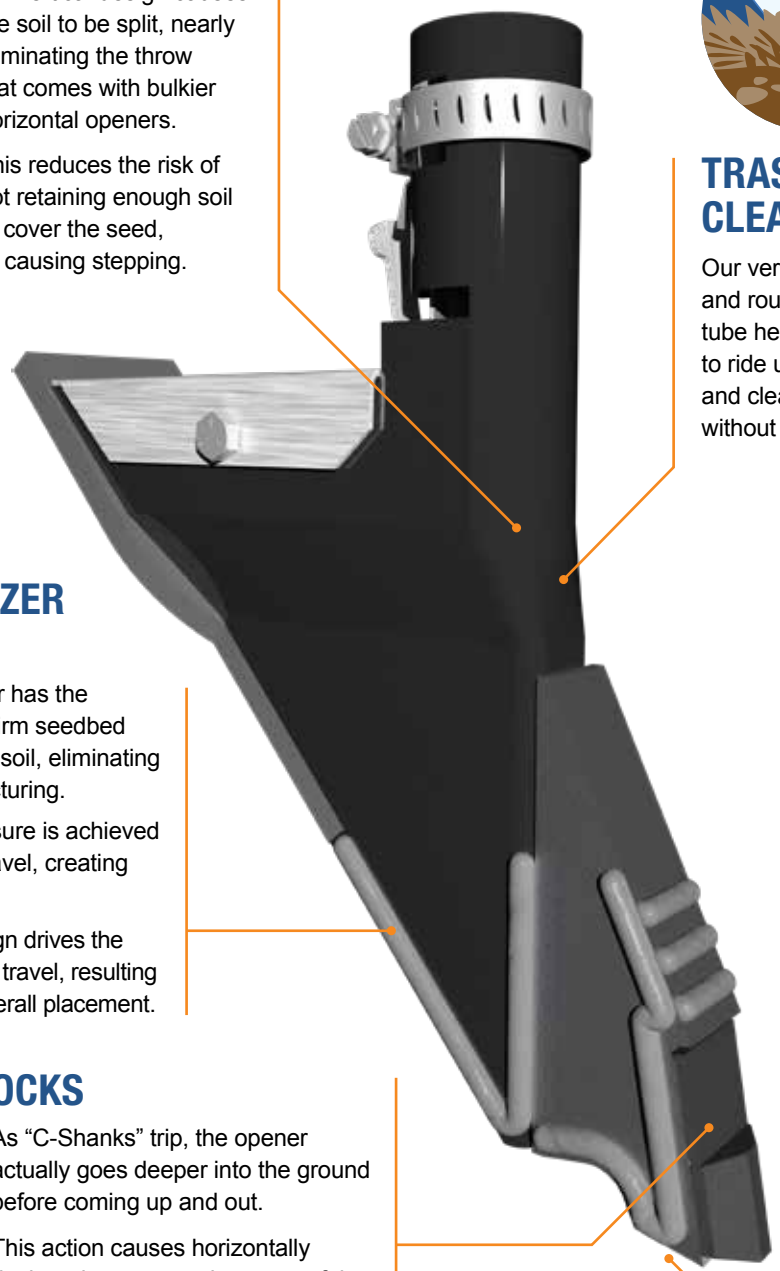
Our vertical design and rounded seed tube helps the trash to ride up the point and clear quickly without building up.

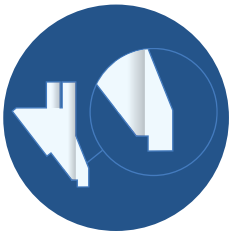


SEED AND FERTILIZER PLACEMENT

Our vertically designed opener has the ability to place the seed on a firm seedbed immediately after opening the soil, eliminating seed bounce and soil-bed fracturing.

- With our shorter profile, closure is achieved in a very short amount of travel, creating accurate seed placement.
- Competitors' horizontal design drives the seed against the direction of travel, resulting in seed bounce and poor overall placement.





NO-PLUG TECHNOLOGY

Through vertical design, mud blockage and plugging have been virtually eliminated.

- The curved area under the point, or "mud spur", is made to inhibit soil from "orange peeling".
- Competitors' horizontal designs precipitate the mud curl travelling up and into the rear of the opener.



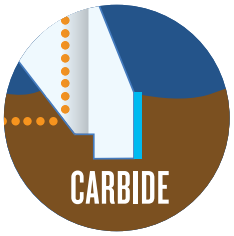
ROCKS

- As "C-Shanks" trip, the opener actually goes deeper into the ground before coming up and out.

  This action causes horizontally designed openers to be some of the best rock picking tools available.
- With our vertically designed opener, the point produces a shape that is more likely to float across the top of the stone, rather than pull it up.

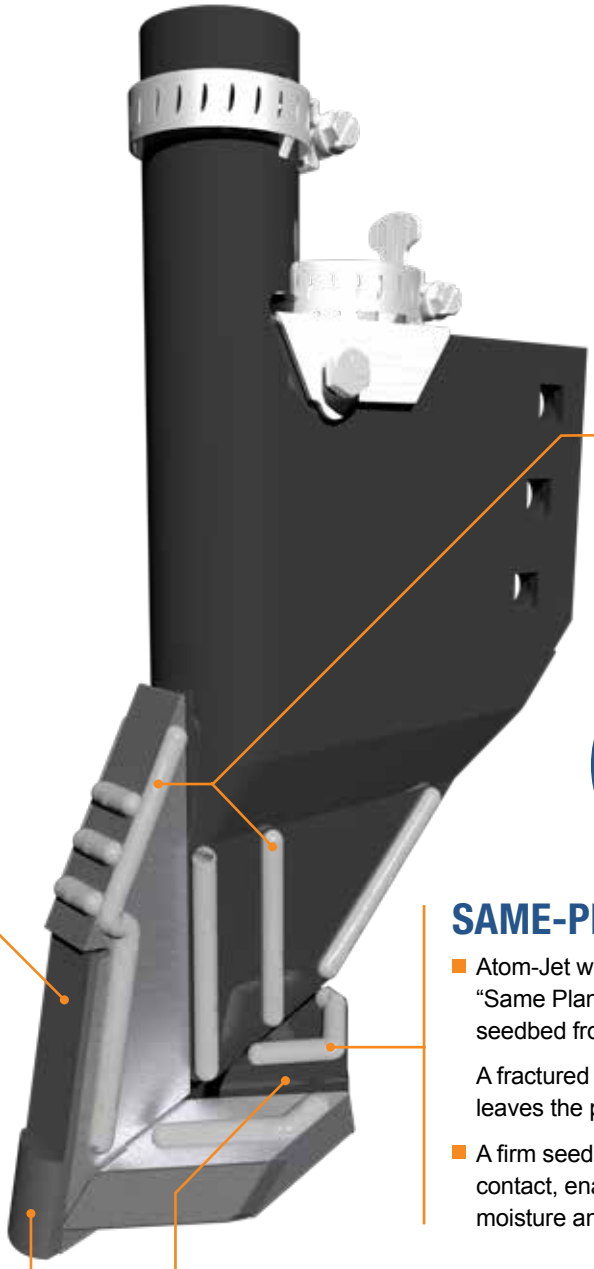
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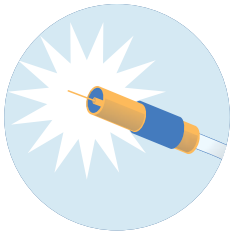
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CARBIDES

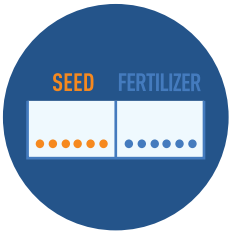
- For over 30 years we have delivered the ultimate in tungsten carbide technology to producers around the globe.
- With continued research into carbide grade, shape, and installation techniques, we continue to provide the longevity our customers require.





MAINTAINABLE

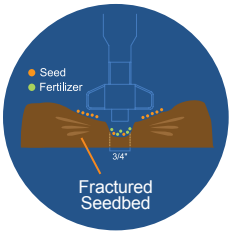
- Atom-Jet openers are formed from quality steel plate, and fortified with high-grade hard surfacing.
- All hard-surfacing can be renewed to its original condition. We recommend checking all beads after each season.



SAME-PLANE PLACEMENT

- Atom-Jet was the first to implement "Same Plane" placement to prevent the seedbed from fracturing.

  A fractured seedbed dries out quicker and leaves the potential for uneven germination.
- A firm seedbed produces good seed-to-soil contact, enabling enhanced absorption of moisture and nutrients by the seed.



CONCERNS WITH LOWER POINT OPENERS

- Fractures the seedbed, allowing the stored moisture to escape leading to the risk of uneven germination.
- Increases the potential for seed to mix in with fertilizer as the seed rolls down the shoulder of the furrow into the fertilizer band.

CHUTE SIZE

Atom-Jet openers have the largest seed-gallery on the market.

- This allows for seeding of broader seeds such as peas and beans.
- The large chute allows the seeds to easily pass through, reducing the risk of plugging.



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HIGH-RATE SIDE BAND OPENERS

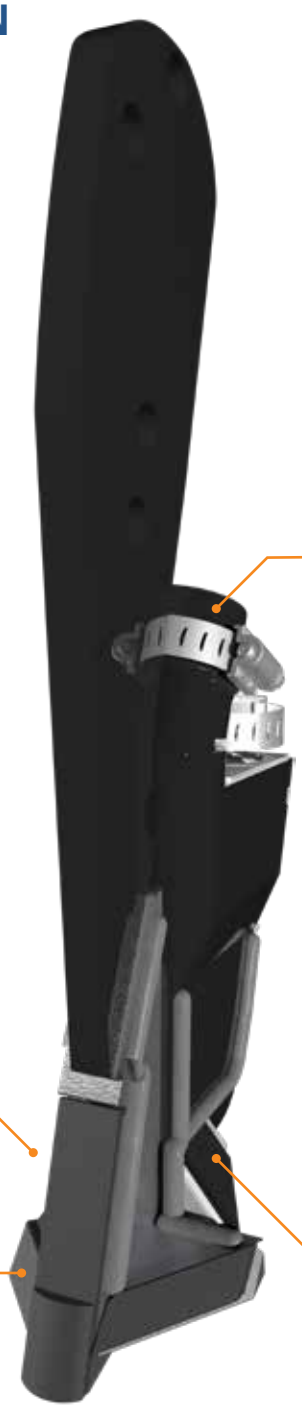
SINGLE-PASS APPLICATION

Designed for users who want to safely apply higher rates of nitrogen in a single pass.



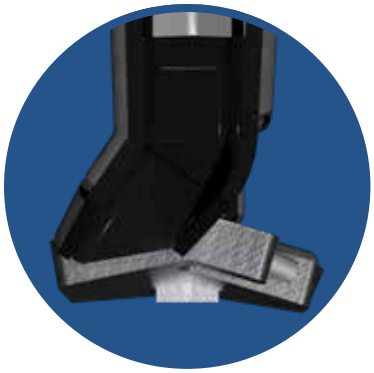
SEED / FERTILIZER SEPARATION

Average of 2.5" of separation between the seed and fertilizer bands seen during testing with proper fan speeds set.



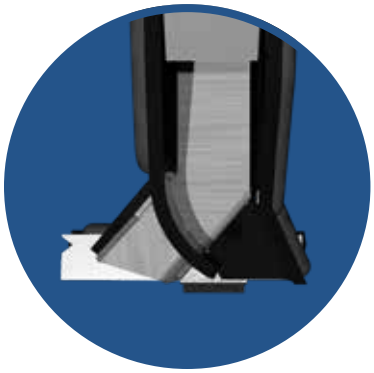
SAME-PLANE PLACEMENT

Same-plane placement of seed and fertilizer eliminates excess seedbed crumbling and helps leave the seed to germinate on a firm, moist seedbed.



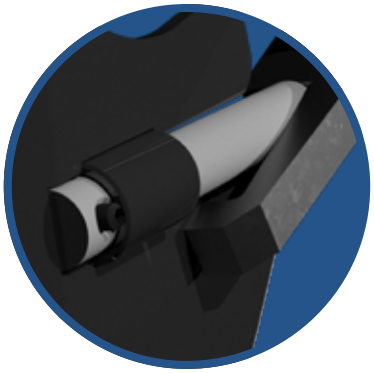
GRANULAR OR LIQUID FERTILIZER

Our High-Rate line of openers are offered for either granular fertilizer application, or for liquid fertilizer with the fertilizer tube directing the liquid down into the soil safely away from the seed.



STAINLESS STEEL CHUTE

Stainless steel chute directs either seed or fertilizer out behind the main side band wing, while the curved rear chute directs product to the opposite side behind the 5/8" high-rate wing.



TALLER SCRAPER PROFILE

Taller scraper profile helps keep trash from building up between the disc and scraper.

MOUNTING ARM LOCK

Lock built into mounting arm keeps scraper from winging away from the disc, keeping trash from plugging between the scraper and disc.

ADAPTABLE LINE SIZES

Standard ¼" hose with connection sets to adapt to any incoming line size.

ABRASION-RESISTANT PLATE

Abrasion-resistant plate for longest life of the scraper.

CARBIDE PROTECTION

Strategic carbide placement protects the highest wearing parts of the scrapers. Additional carbide protection along the bend line further extends longevity.

ANGLED WING

Angled wing and tube directs NH3 away from the disc to eliminate freezing.

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

TWIN BAND OPENERS

ADAPTABLE LINE SIZES

Standard ⅜" stainless tube can be adapted to work with any incoming NH3 line sizes, including MaxQuip pressure system.

SEED-NH3 SEPARATION

Average distance between the NH3 and seed bands is 3" keeping your seed safely away from the high nitrogen concentration.



PITCHED WING

Wing is pitched downward to push product directly into the soil, sealing it in, minimizing gassing-off.

TRUE TRIPLE SHOOT CAPABILITY

Design allows for seed to be placed out behind the wing on one side of the furrow. NH3 is directed out to the opposite side to maximize distance between it and the seed. The third central chute is reserved for granular fertilizer application between the two bands.

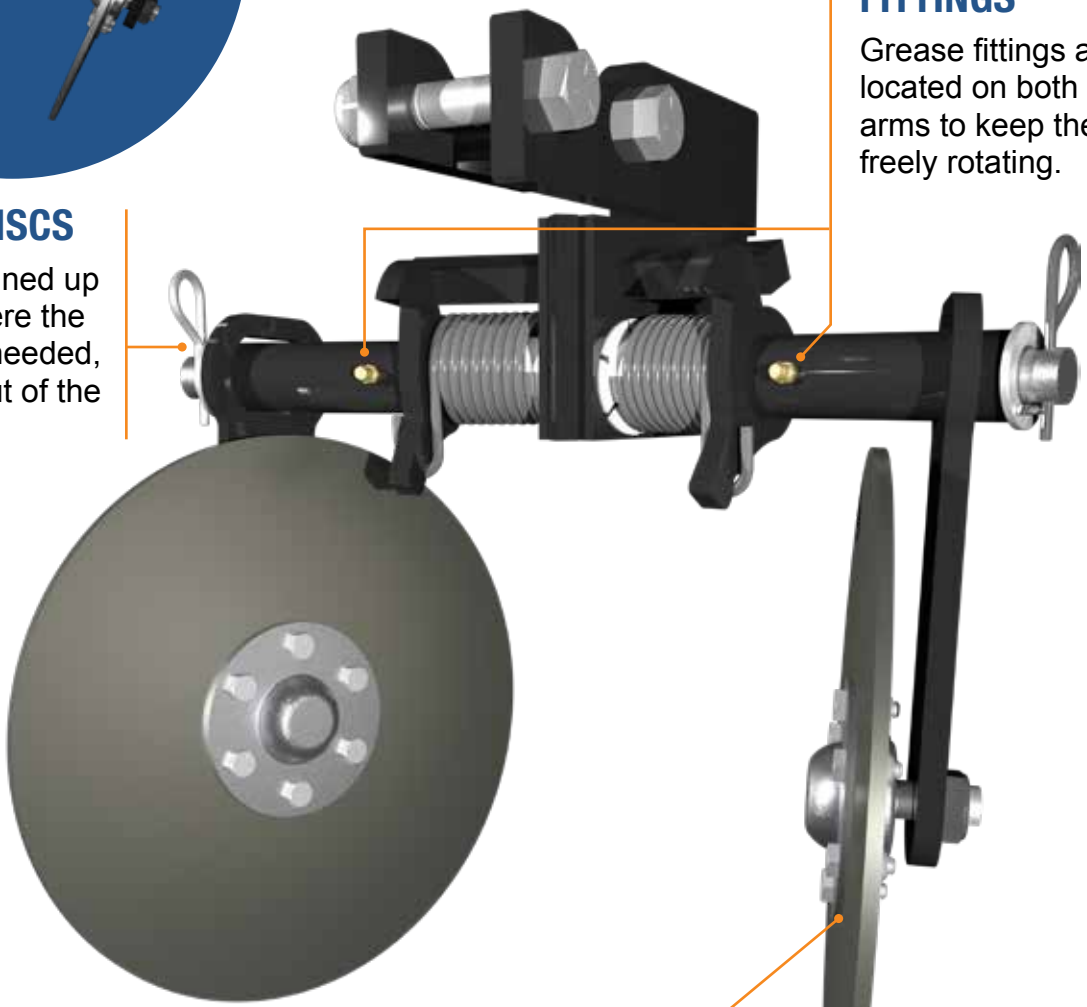


PINNED-UP DISCS

Discs can be pinned up in situations where the closers are not needed, keeping them out of the material flow.

GREASE FITTINGS

Grease fittings are located on both arms to keep them freely rotating.



ANGLED DISCS FOR SMOOTHER FIELD FINISH

Angled discs catch soil and direct it back into the furrow ahead of the packer tire. Reduces soil throw and stepping resulting in a smoother field finish. May also allow for increased travel speeds.

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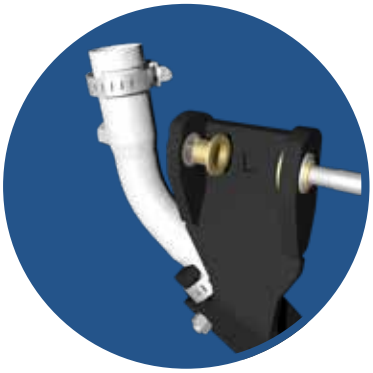
JOHN DEERE SINGLE SHOOT SCRAPER

HIGH-QUALITY STAINLESS STEEL TUBE

Constructed from stainless steel rather than painted mild steel, this new design helps prevent corrosion and seizing while extending component life. Superior materials and innovative engineering deliver premium performance at a lower cost than OEM alternatives.

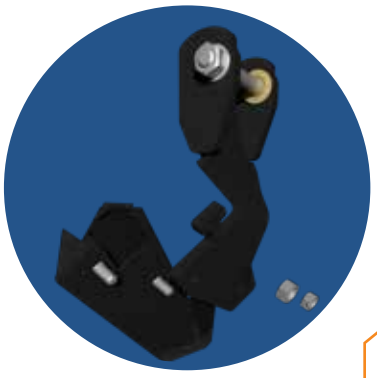
LOCKING BUSHING MOUNT

Atom-Jet's lock bushing design gives users an effective solution to the "slop" that develops as the shank casting "ovals out". This feature is built-in to the design, eliminating the need for after-market fixes.



HIGH-STRENGTH SPRINGS

Improved heavy-duty spring tension keeps the scraper tight against the disc, keeping the unit from plugging.



TWO PIECE DESIGN

Atom-Jet's two-piece design allows customers to replace only the scraper when the unit wears out, saving money and time not needing to change the mount.

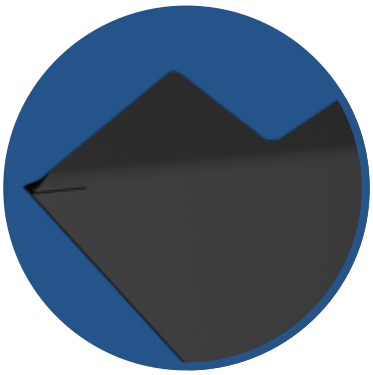
CARBIDE PROTECTED EDGE

Carbide protection on the leading edge as well as the bottom edge of the scraper ensures the longest life possible.

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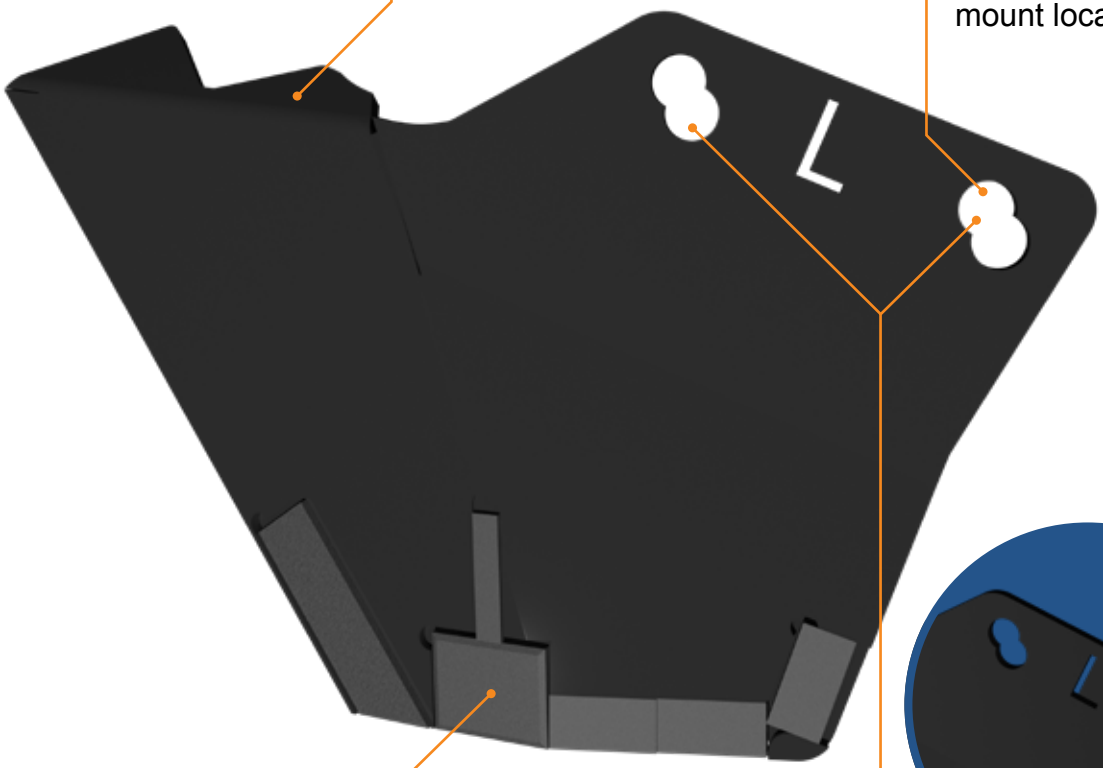
CNH PRECISION DISC SCRAPERS



INTEGRATED TRASH SHIELD

Integrated trash shield keeps straw from building up between the disc and scraper, eliminating plugging.

Scraper mounts directly to OEM mount locations.





CARBIDE PROTECTION

Strategic carbide placement protects all high wear areas including the leading edge, bottom edge, and bends on the scraper.

ADJUSTABLE POSITION

Two bolt holes allow users to adjust the scrapers up as the disc blades wear.

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TWIN BAND

- Superior separation between NH3 and seed
- Triple shoot capacity
- Allows for higher application rates of NH3



G GRANULAR
L LIQUID
N NH3

SIDE BAND GRANULAR

- Seed chute is carbide protected
- Separation between the seed and fertilizer
- Seed is placed accurately behind the point



G GRANULAR

SINGLE SHOOT SPREAD

- Creates a firm seedbed
- Provides greater seedbed utilization
- Benefits wider row spacing



G GRANULAR

SIDE BAND LIQUID

- Liquid tube protected in-behind the wing
- Fertilizer is allowed to stream out, providing better separation
- Accurate seed placement



L LIQUID

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PAIRED ROW GRANULAR

- Firm seedbed produces superior seed to soil contact
- Even germination
- Consistent placement of fertilizer separating it from the seed



G GRANULAR

SINGLE SHOOT

- Accurate seed placement
- Minimal soil disturbance
- Superior soil penetration



G GRANULAR

HIGH-RATE SIDE BAND

- Seed and fertilizer are directed to opposite sides of the furrow for increased separation
- High application rates on same-plane with minimal increase in disturbance
- Seed and fertilizer bands are placed uniformly



G GRANULAR

HIGH-RATE SIDE BAND LIQUID

- Can be used for Liquid or NH3
- Seed and fertilizer are directed to opposite sides of the furrow for increased separation and seed safety
- Allows for increased application of liquid fertilizer or increased safety for applying NH3



L LIQUID
N NH3

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PAIRED ROW LIQUID

- Firm seedbed produces superior seed to soil contact
- Even germination
- Consistent placement of fertilizer separating it from the seed



L LIQUID

CONSERVAPAK SINGLE SHOOT

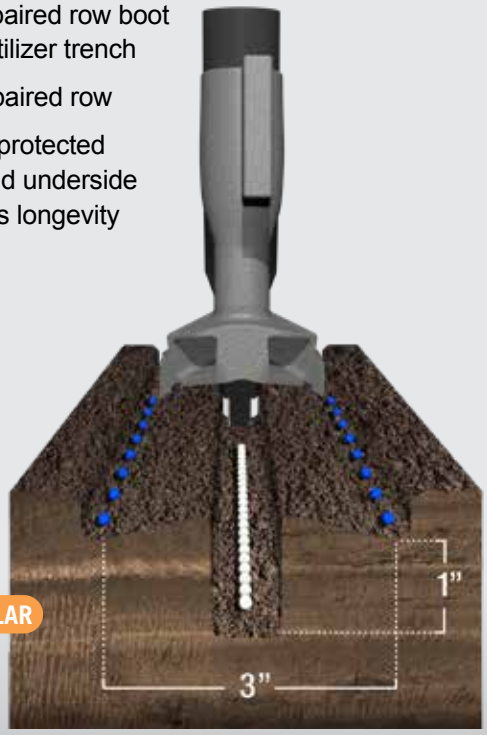
- Carbide protected point and chute
- Seed is placed on a shelf above the fertilizer
- Seed boot design allows for increased soil coverage



G GRANULAR
L LIQUID
N NH3

CONSERVAPAK PAIRED ROW

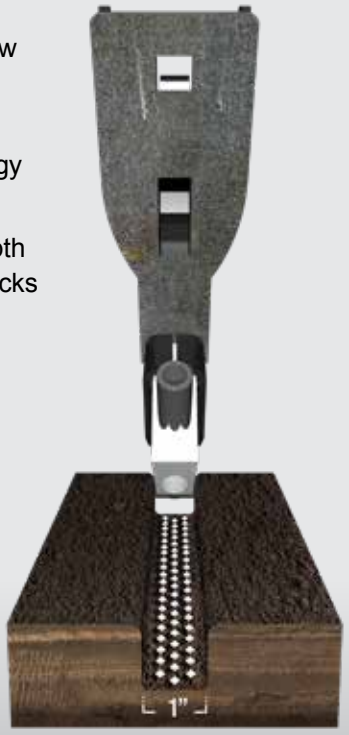
- Curved paired row boot seals fertilizer trench
- Distinct paired row
- Carbide protected wings and underside increases longevity



G GRANULAR
L LIQUID
N NH3

FERTILIZER KNIVES

- Short opener profile allows for quick furrow closing, minimizing gassing off
- Non-freeze technology
- Can be adjusted to accommodate depth changes in wheel tracks



N NH3

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DUAL SHOOT LIQUID SCRAPER

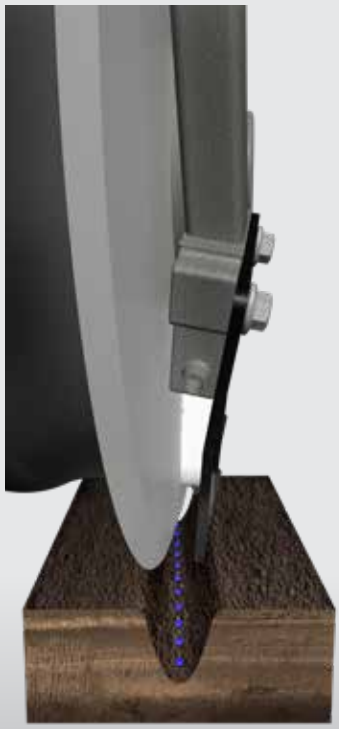
- Advantage of double shooting for a one-pass application
- Excellent seed-fertilizer separation
- Seed placed accurately in the disc cut resulting in exceptional seed placement



L LIQUID

SINGLE SHOOT SCRAPER

- Carbide protected leading edge
- Accurate seed placement in the disc cut
- Reduces hairpinning



DUAL SHOOT GRANULAR SCRAPER

- Advantage of double shooting for one-pass application
- Excellent seed-fertilizer separation
- Seed is placed accurately on a shelf created by the wing



G GRANULAR

MID-ROW BANDING SCRAPER

- Directs NH3 away from disc to prevent freezing
- Wing angle ensures NH3 trench seals, preventing gassing off
- Tube sizes to match all incoming line sizes



G GRANULAR
L LIQUID
N NH3

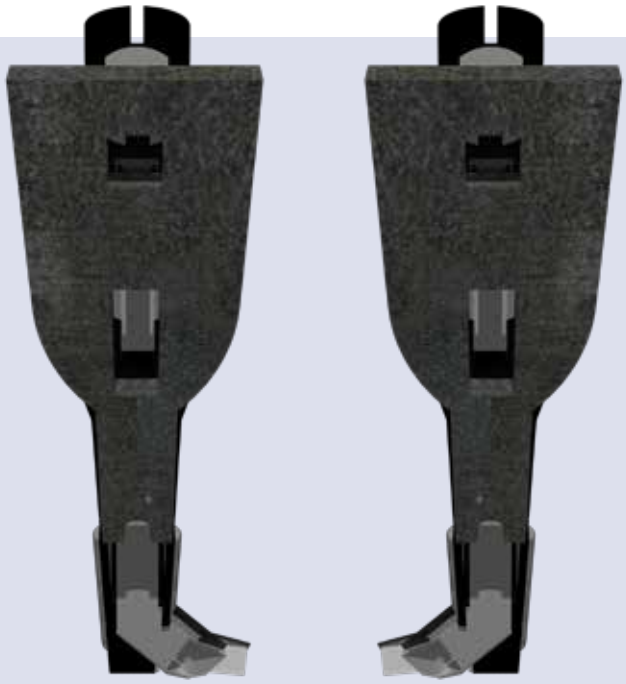
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THINGS TO KNOW

LEFT & RIGHT OPENERS

For opener lefts and rights, look from behind the air drill and take note of which direction the wing/chute of the opener points. For a left opener, the wing and chute will point out to the left side of the opener, whereas for a right they will point to the right.

When mounting an opener onto your drill, wings should always point to the middle of the air drill to ensure there is no plugging during sharp turns.



RIGHT OPENER

LEFT OPENER

SCRAPERS

For scraper lefts and rights, look from behind the air drill and take note of which side the scraper wing points. For a left scraper, the wing will point to the left, whereas for a right scraper they will point to the right.

For scrapers with no wing, lefts and rights are based on which side of the disc the scraper is on from behind. A left scraper will be to the left of the disc, and right will be to the right.

For CNH disc drills, a left scraper will always be on the right half of the drill, and a right scraper will always be on the left of the drill.

For Bourgault Mid Row Banding scrapers, lefts and rights are interspersed throughout the drill at random so extra caution should be paid when counting the numbers to order.

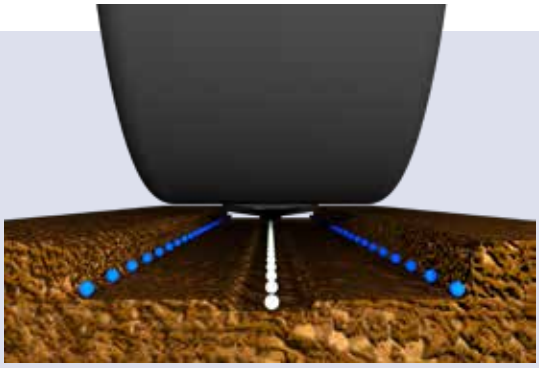


RIGHT SCRAPER

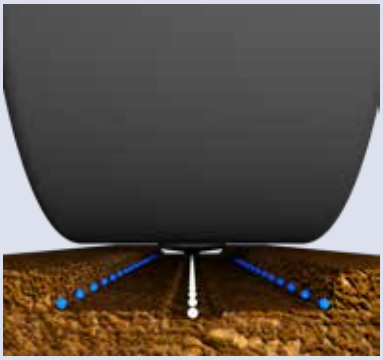
LEFT SCRAPER

PACKER TIRE WIDTH

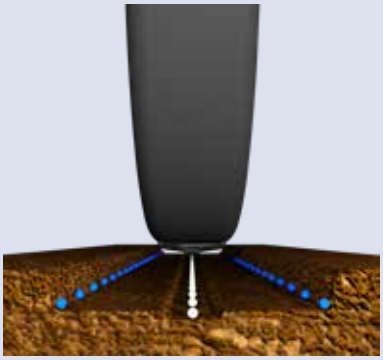
When choosing the correct opener for your application needs, packer tire width plays an important role in what openers can be used effectively. When suggesting openers, we always want to make sure that there is at least ½" of packer tire width outside the width of the opener to ensure that planted seeds are getting adequate packing. Using too narrow a packer tire could mean that your tire is pressing down and missing packing the seed into the furrow. On the opposite side, using a packer tire that is much wider than your opener can lead to the tire riding on the untilled ground not putting any pressure down to pack the seed.



CORRECT



TOO WIDE



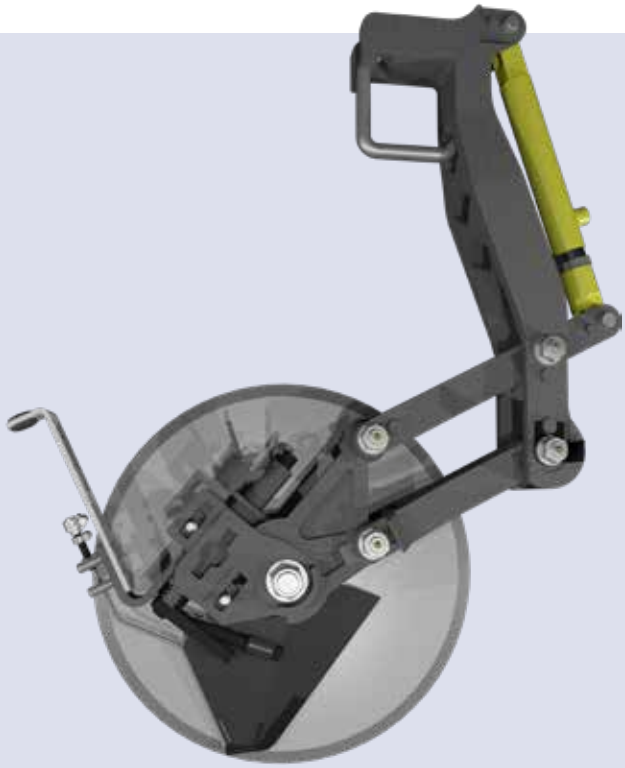
TOO NARROW

SCRAPER PLACEMENT GUIDE

Atom-Jet scrapers are designed to be initially mounted so the lowest point of the leading edge of the scraper is ⅛" above the bevelled edge of the disc. This applies to new drills or new discs.

If the discs are slightly worn at the time of installation, set each scraper to be between ½" and ¾" from the edge of the disc.

Over the life of the scraper, ensure that the wing and tube always remain within the diameter of the disc. Once the wing no longer is within the diameter of the disc, the discs are ready to be replaced.



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½" SINGLE SHOOT

The Atom-Jet ½" Single Shoot opener combines precision placement with exceptional durability. Now available in C-Shank and Edge-On mounting styles in addition to our previous Morris Contour and CNH Precision versions, it features the same proven vertical point design as our ¾" opener, paired with a narrower boot for improved placement accuracy, reducing draft requirements and minimizing soil throw. Premium ⅝" carbide tiles slightly overhang the point, providing enhanced wear protection and extending opener life.



CCAS00



CDAS00



Front view

PATENTED CARBIDE INSERT

This opener was designed after requests from our customers in dry regions who wanted an ultra-low disturbance opener. The narrow point provides less soil disturbance, which in turn helps to keep the moisture in the furrow. With the narrower point, increased side pressure from the furrow usually wears thinner points out too quickly; therefore, the Atom-Jet R&D team designed a carbide insert to keep the point from washing out on the sides. This innovation was patented (9,066,462 B2) and has proven itself in Montana and Australia where drier conditions exist.



MID-ROW BANDING SCRAPER

INSTALLATION VIDEO
agriculture.atomjet.com/
mrb-scraper-video

INSTALLATION GUIDE
agriculture.atomjet.com/
mrb-scraper-install

JOHN DEERE SINGLE SHOOT SCRAPER

INSTALLATION VIDEO
agriculture.atomjet.com/
jd-single-shoot-video

INSTALLATION GUIDE
agriculture.atomjet.com/
jd-single-shoot-install

CASE IH SDX DUAL SHOOT

INSTALLATION VIDEO
youtu.be/WunYTm79ruQ

INSTALLATION GUIDE
agriculture.atomjet.com/
cih-sdx-dual-install

JOHN DEERE SPF SCRAPER

INSTALLATION VIDEO
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jd-spf-scraper-video

INSTALLATION GUIDE
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jd-spf-scraper-install

CNH PRECISION DISC

INSTALLATION VIDEO
youtu.be/kLKRmfZBGh0

INSTALLATION GUIDE
agriculture.atomjet.com/
cnh-scraper-install

PARALINK ROW CLOSERS

INSTALLATION VIDEO
agriculture.atomjet.com/
paralink-row-closers-video

INSTALLATION GUIDE
agriculture.atomjet.com/
paralink-row-closers-install

SEED OPENERS





INSTALLATION GUIDES
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installation-guides-for-seed-openers

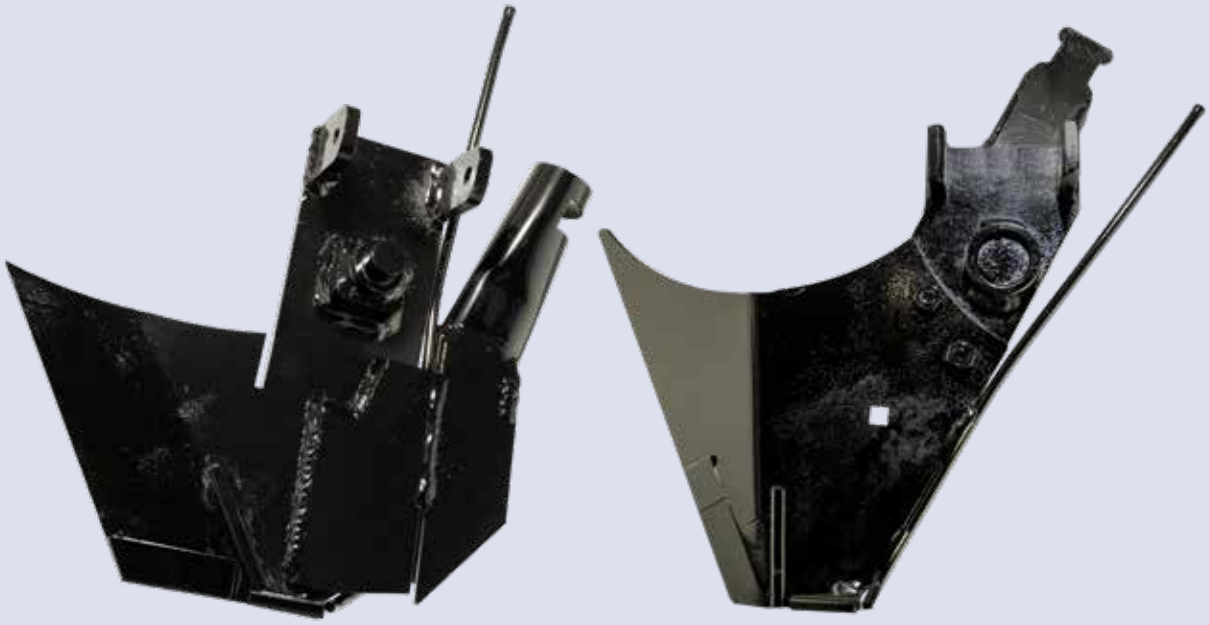




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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

SCRAPERS FOR MRB ID

Drawing on years of experience refining scraper performance in NH3 applications, Atom-Jet is working on a new line of scrapers for the latest MRB IDs. Through extensive research, field testing, and design optimization, these scrapers are engineered to mount directly to the OEM shank and minimize ammonia gassing off while significantly improving wear life. The result is a durable, high-performance solution that enhances product retention and delivers reliable operation in demanding field conditions.



MORRIS QUANTUM DS

Atom-Jet's commitment to continuous improvement extends to the new Morris Quantum dual-knife platform. Drawing on decades of experience in wear-resistant opener design and advanced carbide application, we are developing opener solutions designed to maximize service life without compromising seeding performance. Following the design concepts we've used for other dual-knife platforms, our fertilizer knife can be used to apply any combination of fertilizers.



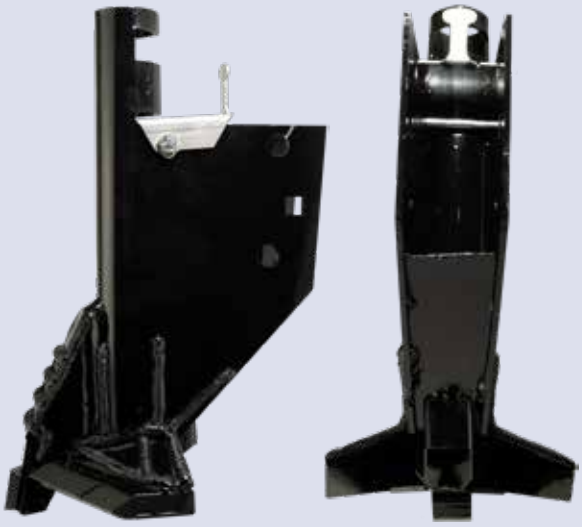
CONSERVAPAK DRIVE WHEEL SCRAPER

Challenging field conditions during recent wet seasons highlighted the need for a more economical and effective solution to mud buildup on John Deere ConservaPak™ main frame wheels. In response, Atom-Jet has spent the past year developing a frame-mounted scraper system designed to continuously remove accumulated soil from the tire surface. The adjustable and replaceable mounting design allows operators to fine-tune scraper clearance as wear occurs, helping maintain consistent performance while reducing mud-related issues in demanding field conditions.



EXTENDED POINT 5" PAIRED ROW

In response to the unique seeding challenges faced in the Pacific Northwest, Atom-Jet has been working closely with regional cooperators to develop a new line of 5" paired-row openers with a shorter profile. Designed to provide exceptional durability while maintaining the capacity to handle large-seeded crops with reduced plugging risk, these prototypes have undergone extensive field evaluation to refine performance in demanding conditions. A limited release is planned for this season. Contact your Territory Manager for additional information.



NH3 PAIRED ROW

Driven by grower interest in combining the benefits of NH3 fertilization with paired-row seeding, Atom-Jet has been developing a new line of openers designed to safely and effectively accomplish both in a single pass. Building on extensive experience with twin-knife systems and fertilizer trench management, this design incorporates a curved delivery chute that helps seal NH3 within the fertilizer band before placing seed on a firm, undisturbed seedbed above. Ongoing field testing continues to refine the design, with a focus on maximizing nutrient retention, seed safety, and overall agronomic performance.



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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

OPENERS FOR
C-SHANK

Atom-Jet openers are compatible with all varieties of C-Shank drills. With 30 years of experience developing openers, you can trust Atom-Jet to provide reliable, long-lasting, and rugged openers designed for all conditions. Originally designed for zero/minimum tillage, Atom-Jet C-Shank openers work great in all tillage and seeding practices.

- All wear points are carbide protected providing extended life
- Proven not to plug in the worst conditions – opener of choice in the Red River Valley (gumbo)
- Excellent seed placement and fertilizer separation achieved by the same-plane design
- Boots are made of a high gauge steel to protect against breaking
- Compatible with all C-shank drills



C-SHANK

½" SINGLE SHOOT



G GRANULAR

½" CCAS00

Visit **agriculture.atomjet.com** for videos and more information
1-800-573-5048 | **agriculture@atomjet.com**

AtomJetAg AtomJetAg AtomJetGroup

ALL MOUNTING HARDWARE INCLUDED

C-SHANK

SINGLE SHOOT



G GRANULAR

¾"	CCAA00
1"	CCAC00

C-SHANK

SINGLE SHOOT SPREAD



G GRANULAR

2"	CCPTR0
3"	CCBTD0
4"	CCCTE0

C-SHANK

PAIRED ROW GRANULAR



G GRANULAR

3"	CCDTD0
4"	CCETE0

C-SHANK

PAIRED ROW LIQUID .250



L LIQUID

3"	CCDTDM
4"	CCETEM

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C-SHANK

SIDE BAND GRANULAR



G GRANULAR

3/4"	Left	CCGAA0
	Right	CCGAB0
1"	Left	CCGCA0
	Right	CCGCB0

C-SHANK

HIGH-RATE SIDE BAND GRANULAR

SEE PAGE 6 FOR MORE INFO



G GRANULAR

3/4"	Left	CCGAX0
	Right	CCGAY0
1"	Left	CCGCX0
	Right	CCGCY0

C-SHANK

SIDE BAND LIQUID .250



L LIQUID

3/4"	Left	CCFAA0
	Right	CCFAB0
1"	Left	CCFCA0
	Right	CCFCB0

C-SHANK

HIGH-RATE SIDE BAND LIQUID



L LIQUID

1/4" Tube	Left	CCFTF2
	Right	CCFTG2
3/8" Tube	Left	CCFTF3
	Right	CCFTG3

C-SHANK

SIDE BAND LIQUID .375



L LIQUID

3/4"	Left	CCFAAA
	Right	CCFABA
1"	Left	CCFCAA
	Right	CCFCBA

C-SHANK

TWIN BAND

SEE PAGE 8 FOR MORE INFO



G GRANULAR
L LIQUID
N NH3

Left	CCHTF0
Right	CCHTG0

C-SHANK

SIDE BAND .500 NH3



N NH3

3/4"	Left	CCJAH0
	Right	CCJAJ0
1"	Left	CCJCH0
	Right	CCJCJ0

C-SHANK

EXTENDED SEPARATION SIDE BAND NH3



N NH3

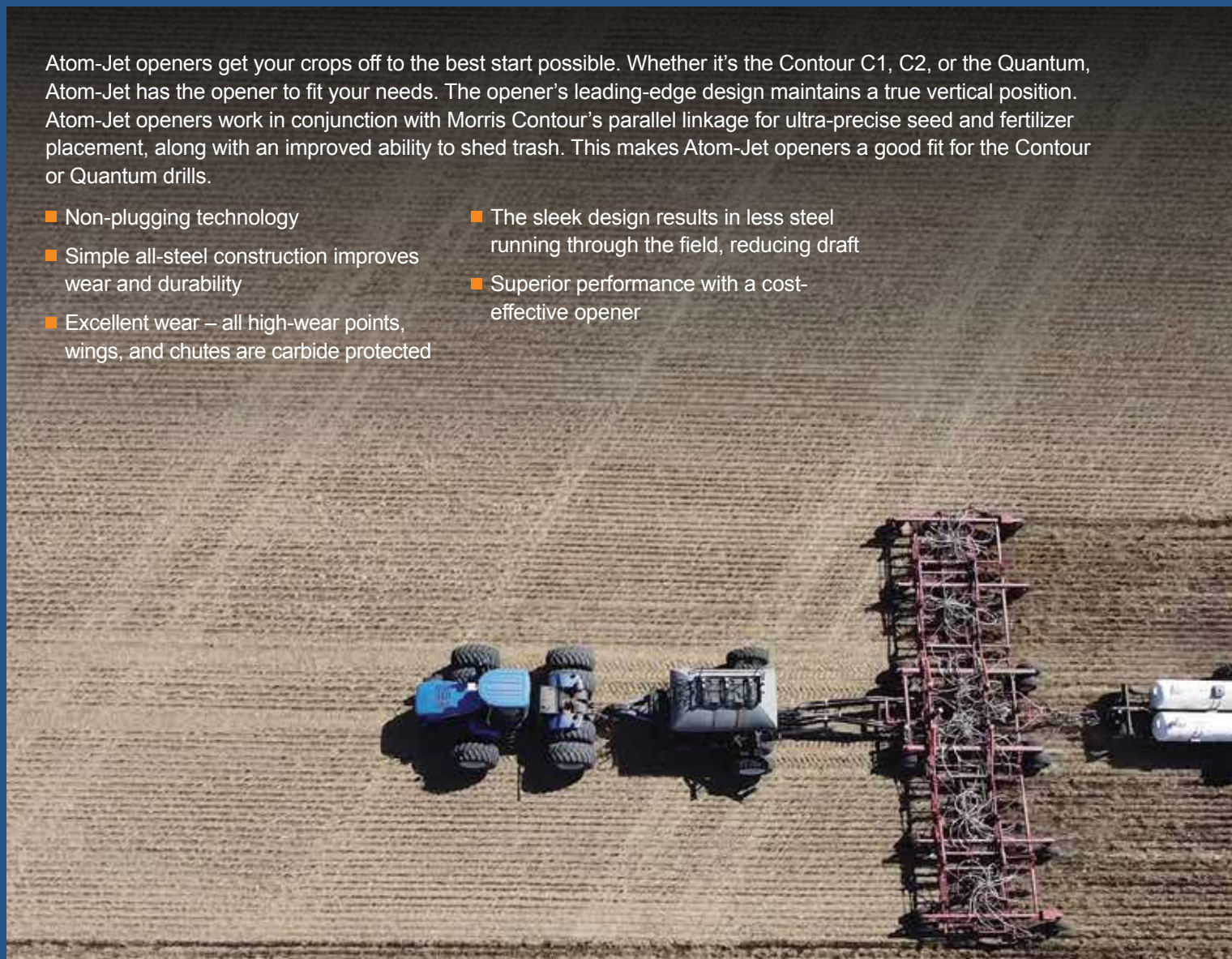
1/4" Tube	Left	CCJTF2
	Right	CCJTG2
3/8" Tube	Left	CCJTF3
	Right	CCJTG3

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

OPENERS FOR
MORRIS CONTOUR & QUANTUM

Atom-Jet openers get your crops off to the best start possible. Whether it's the Contour C1, C2, or the Quantum, Atom-Jet has the opener to fit your needs. The opener's leading-edge design maintains a true vertical position. Atom-Jet openers work in conjunction with Morris Contour's parallel linkage for ultra-precise seed and fertilizer placement, along with an improved ability to shed trash. This makes Atom-Jet openers a good fit for the Contour or Quantum drills.

- Non-plugging technology
- Simple all-steel construction improves wear and durability
- Excellent wear – all high-wear points, wings, and chutes are carbide protected
- The sleek design results in less steel running through the field, reducing draft
- Superior performance with a cost-effective opener



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1-800-573-5048 | **agriculture@atomjet.com**

AtomJetAg AtomJetAg AtomJetGroup

ALL MOUNTING HARDWARE INCLUDED

MORRIS CONTOUR
SINGLE SHOOT



G GRANULAR

¾"	CAAA00
1"	CAAC00

MORRIS CONTOUR
½" SINGLE SHOOT



G GRANULAR

With patented carbide insert.
Patent #9,066,462 B2

½"	CAAS00

MORRIS CONTOUR
SINGLE SHOOT SPREAD



G GRANULAR

2"	CAPTR0
3"	CABTD0
4"	CACTE0

MORRIS CONTOUR
TWIN BAND

SEE PAGE 8 FOR MORE INFO



G GRANULAR
L LIQUID
N NH3

Left	CAHTF0
Right	CAHTG0

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MORRIS CONTOUR
SIDE BAND GRANULAR



G GRANULAR

3/4"	Left	CAGAA0
	Right	CAGAB0
1"	Left	CAGCA0
	Right	CAGCB0

MORRIS CONTOUR
HIGH-RATE SIDE BAND



SEE PAGE 6 FOR MORE INFO

G GRANULAR

3/4"	Left	CAGAX0
	Right	CAGAY0
1"	Left	CAGCX0
	Right	CAGCY0

MORRIS CONTOUR
SIDE BAND LIQUID .250



L LIQUID

3/4"	Left	CAFAA0
	Right	CAFAB0
1"	Left	CAFCA0
	Right	CAFCB0

MORRIS CONTOUR
HIGH-RATE SIDE BAND LIQUID



L LIQUID

1/4" Tube	Left	CAFTF2
	Right	CAFTG2
3/8" Tube	Left	CAFTF3
	Right	CAFTG3

PATENTED CARBIDE INSERT



This opener was designed after requests from our customers in dry regions who wanted an ultra-low disturbance opener. The narrow point provides less soil disturbance, which in turn helps to keep the moisture in the furrow. With the narrower point, increased side pressure from the furrow usually wears thinner points out too quickly; therefore, the Atom-Jet R&D team designed a carbide insert to keep the point from washing out on the sides. This innovation was patented (9,066,462 B2) and has proven itself in Montana and Australia where drier conditions exist.

MORRIS CONTOUR

3" PAIRED ROW GRANULAR



G GRANULAR

3"	CADTD0

MORRIS CONTOUR

3" PAIRED ROW LIQUID



L LIQUID

3"	CADTDM

MORRIS CONTOUR

4" PAIRED ROW



G GRANULAR

L LIQUID

Liquid	CAETEM
Granular	CAETE0

MORRIS CONTOUR

EXTENDED SEPARATION SIDE BAND NH3

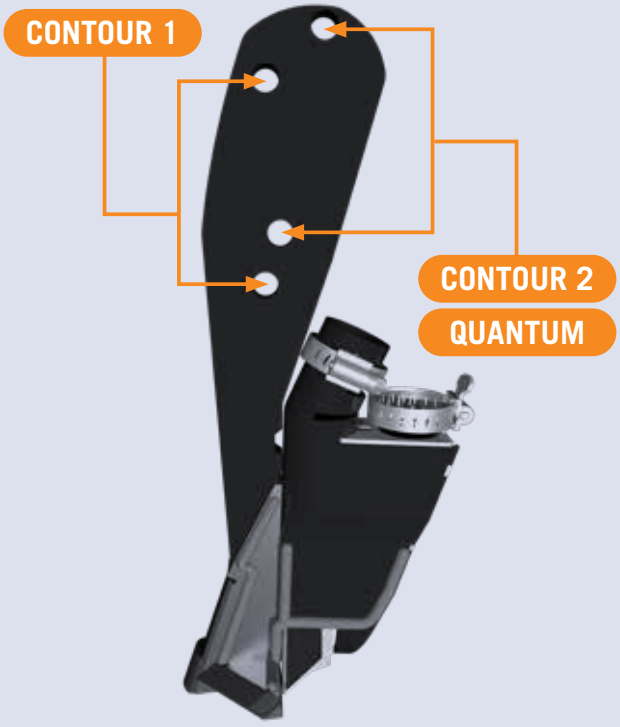


N NH3

1/4" Tube	Left	CAJTF2
	Right	CAJTG2
3/8" Tube	Left	CAJTF3
	Right	CAJTG3

BOLT HOLE GUIDE

Atom-Jet openers are designed to be compatible with all Morris Contour 1, Contour 2, and Quantum drills. When mounting your openers to these drills, be sure to follow the bolt hole guide shown here.



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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

OPENERS FOR
BOURGAULT PARALINK

Atom-Jet's R&D team has developed our openers to fit the Bourgault Paralink drill's shank specifications. Our openers provide consistent ground penetration and constant seeding depth control over changing field terrain for fast, even germination. Atom-Jet openers work with all Bourgault Paralink drills, whether it's a 3310 PHD or all three configurations of 3320: SE, QDA, and XTC. Atom-Jet's patented Twin Band design for Paralink drills provides an option to Mid Row Banders.

Twin Band benefits vs. Mid Row Banders:

- Initial cost savings
- Safe seed & fertilizer separation at higher rates
- Ability to apply granular, liquid, and NH3 fertilizer
- Better trash clearance
- Less maintenance
- Weight saving on equipment resulting in less wear and tear on equipment
- Less HP requirements



NEW RELEASE

BOURGAULT PARALINK

½" SINGLE SHOOT



G GRANULAR

½" CDAS00

Visit **agriculture.atomjet.com** for videos and more information
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AtomJetAg AtomJetAg AtomJetGroup

ALL MOUNTING HARDWARE INCLUDED

BOURGAULT PARALINK

SINGLE SHOOT



G GRANULAR

¾"	CDAA00
1"	CDAC00

BOURGAULT PARALINK

SINGLE SHOOT SPREAD



G GRANULAR

2"	CDPTR0
3"	CDBTD0
4"	CDCTE0

BOURGAULT PARALINK

SIDE BAND GRANULAR



G GRANULAR

¾"	Left	CDGAA0
	Right	CDGAB0
1"	Left	CDGCA0
	Right	CDGCB0

BOURGAULT PARALINK

HIGH-RATE SIDE BAND GRANULAR



SEE PAGE 6 FOR MORE INFO

G GRANULAR

¾"	Left	CDGAX0
	Right	CDGAY0
1"	Left	CDGCX0
	Right	CDGCY0

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BOURGAULT PARALINK

SIDE BAND LIQUID .250



L LIQUID

3/4"	Left	CDFAA0
	Right	CDFAB0
1"	Left	CDFCA0
	Right	CDFCB0

BOURGAULT PARALINK

HIGH-RATE SIDE BAND LIQUID



L LIQUID

1/4" Tube	Left	CDFTF2
	Right	CDFTG2
3/8" Tube	Left	CDFTF3
	Right	CDFTG3

BOURGAULT PARALINK

EXTENDED SEPARATION SIDE BAND NH3



N NH3

1/4" Tube	Left	CDJTF2
	Right	CDJTG2
3/8" Tube	Left	CDJTF3
	Right	CDJTG3

BOURGAULT PARALINK

TWIN BAND

SEE PAGE 8 FOR MORE INFO



G GRANULAR

L LIQUID

N NH3

Left	CDHTF0
Right	CDHTG0

BOURGAULT PARALINK

PAIRED ROW GRANULAR



G GRANULAR

3"	CDDTD0
4"	CDETE0

BOURGAULT PARALINK

PAIRED ROW LIQUID

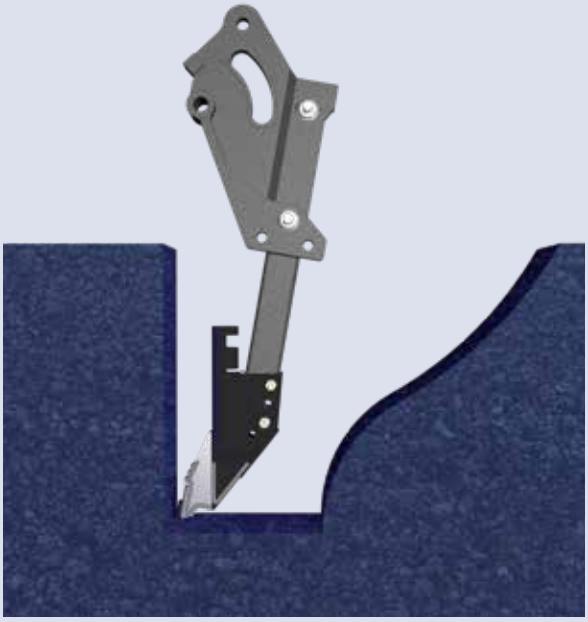


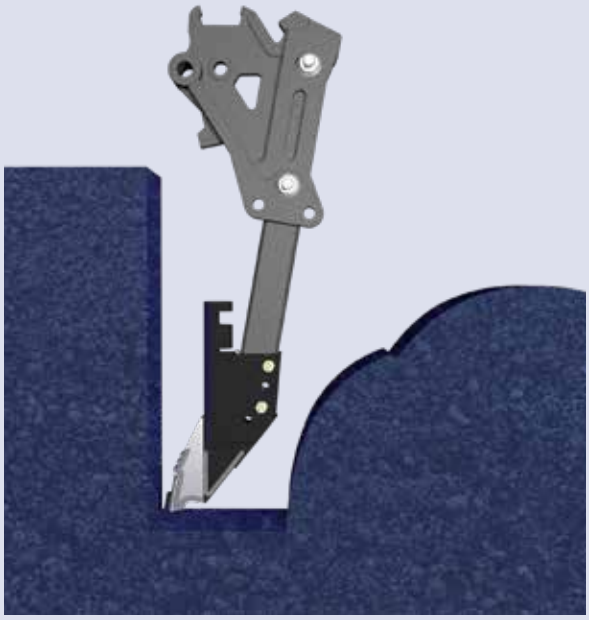
L LIQUID

3"	CDDTDM
4"	CDETEM

DESIGN TOLERANCES

Atom-Jet Openers fit within the design tolerances of Bourgault Paralink drills. Opener must fit within space allowed by the manufacturer.





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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

BOURGAULT

MID-ROW BANDER GRANULAR SCRAPER (Complete With Arm)



- Taller profile scraper reduces trash plugging.
- Minimum disc diameter is different than OEM spec.

G GRANULAR

Series 2.5	Left	DMCL00C25
	Right	DMCR00C25
Series 3	Left	DMCL00C
	Right	DMCR00C

BOURGAULT

MID-ROW BANDER GRANULAR SCRAPER (Replacement)



G GRANULAR

Series 2.5	Left	DMCL0025
	Right	DMCR0025
Series 3	Left	DMCL00
	Right	DMCR00

BOURGAULT

MID-ROW BANDER SCRAPER MOUNTING ARM



Series 2.5	Left	DMZDNCL25
	Right	DMZDNCR25



Series 3	Left	DMZDNCL
	Right	DMZDNCR

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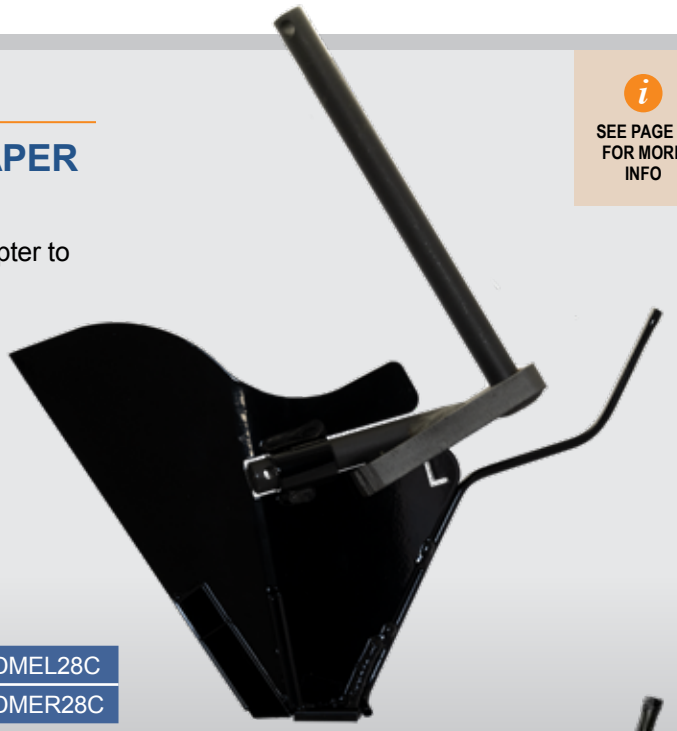
AtomJetAg AtomJetAg AtomJetGroup

BOURGAULT

MID-ROW BANDER SERIES 3 SCRAPER (Complete With Arm)

All scrapers come with a ¼" NH3 tube and a tube adapter to match incoming lines.

SEE PAGE 7 FOR MORE INFO



NH3 Tubes — N NH3

1/4" Tube	Left	DMEL12C
	Right	DMER12C
3/8" Tube	Left	DMEL13C
	Right	DMER13C
1/2" Tube	Left	DMEL14C
	Right	DMER14C

M MAX QUIP

Max-Quip Tube

0.085" Tube	Left	DMEL28C
	Right	DMER28C

BOURGAULT

MID-ROW BANDER SERIES 3 SCRAPER (Replacement)



NH3 Tubes — N NH3

1/4" Tube	Left	DMEL12
	Right	DMER12
3/8" Tube	Left	DMEL13
	Right	DMER13
1/2" Tube	Left	DMEL14
	Right	DMER14

M MAX QUIP

Max-Quip Tube

0.085" Tube	Left	DMEL28
	Right	DMER28

BOURGAULT

MID-ROW BANDER SERIES 3 SCRAPER MOUNTING ARM



Left	DMZDNCL
Right	DMZDNCR

INSTALLATION
youtu.be/7-weKuXqrE4

INSTALLATION GUIDE
agriculture.atomjet.com/mrb-scraper-install

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

BOURGAULT

MID-ROW BANDER SERIES 2.5 SCRAPER
(Complete With Arm)

All scrapers come with a ¼" NH3 tube and a tube adapter to match incoming lines.

SEE PAGE 7 FOR MORE INFO



NH3 Tubes — N NH3

¼" Tube	Left	DMEL12C25
	Right	DMER12C25
⅜" Tube	Left	DMEL13C25
	Right	DMER13C25
½" Tube	Left	DMEL14C25
	Right	DMER14C25

M MAX QUIP

Max-Quip Tube

0.085" Tube	Left	DMEL28C25
	Right	DMER28C25

BOURGAULT

MID-ROW BANDER SERIES 2.5 SCRAPER (Replacement)



NH3 Tubes — N NH3

¼" Tube	Left	DMEL1225
	Right	DMER1225
⅜" Tube	Left	DMEL1325
	Right	DMER1325
½" Tube	Left	DMEL1425
	Right	DMER1425

M MAX QUIP

Max-Quip Tube

0.085" Tube	Left	DMEL2825
	Right	DMER2825

BOURGAULT

MID-ROW BANDER SERIES 2.5 SCRAPER MOUNTING ARM



Left	DMZDNCL25
Right	DMZDNCR25

INSTALLATION
youtu.be/-ZSneX7GAc0

INSTALLATION GUIDE
agriculture.atomjet.com/mrb-scraper-install

MID-ROW BANDER CONNECTIONS

Incoming Line Size	0.250" ID	0.375" ID	0.500" ID	0.085" ID	0.250" OD
Scraper Part No.	DMEL12 DMER12	DMEL13 DMER13	DMEL14 DMER14	DMEL28 DMER28	DMEL11 DMER11
Tube Adapter Set	1 × #4 Hose Clamp	2 × #4 Hose Clamp 1 × #6 Hose Clamp 1 × ¼"-⅜" Barb 2" NH3 Tube Joint	3 × #4 Hose Clamp 1 × #6 Hose Clamp 1 × ¼"-½" Barb 2" NH3 Tube Joint	1 × #4 Hose Clamp	1 × Compression Fitting
					

INSTALLATION GUIDE
agriculture.atomjet.com/
hose-connection-set-install

Included with scraper purchase



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BOURGAULT PARALINK
ROW CLOSERS



RDX000

INSTALLATION GUIDE
agriculture.atomjet.com/
bp-row-closers-install



My father, brother, and I run a mixed operation near Gilbert Plains, Manitoba. Three years ago when we purchased an XTC drill, we chose the Atom-Jet 3" Paired Row openers for our operation for a few reasons. First, we wanted some separation between seed and fertilizer as fertilizer rates get higher, and the paired row gives us that separation, as well as better utilization. We liked the one-piece design, thinking it would last in our rocky, abrasive ground—and it has. After three years we have yet to replace one opener. The carbide and hard surfacing have minimized the wear on the openers, and our daily maintenance has dropped from tightening bolts every day on our old drill down to absolutely nothing. The vertical design mounted in front of the shank helps offset the short distance between shank and packer and doesn't hook and pull out rocks like we used to with our old openers.

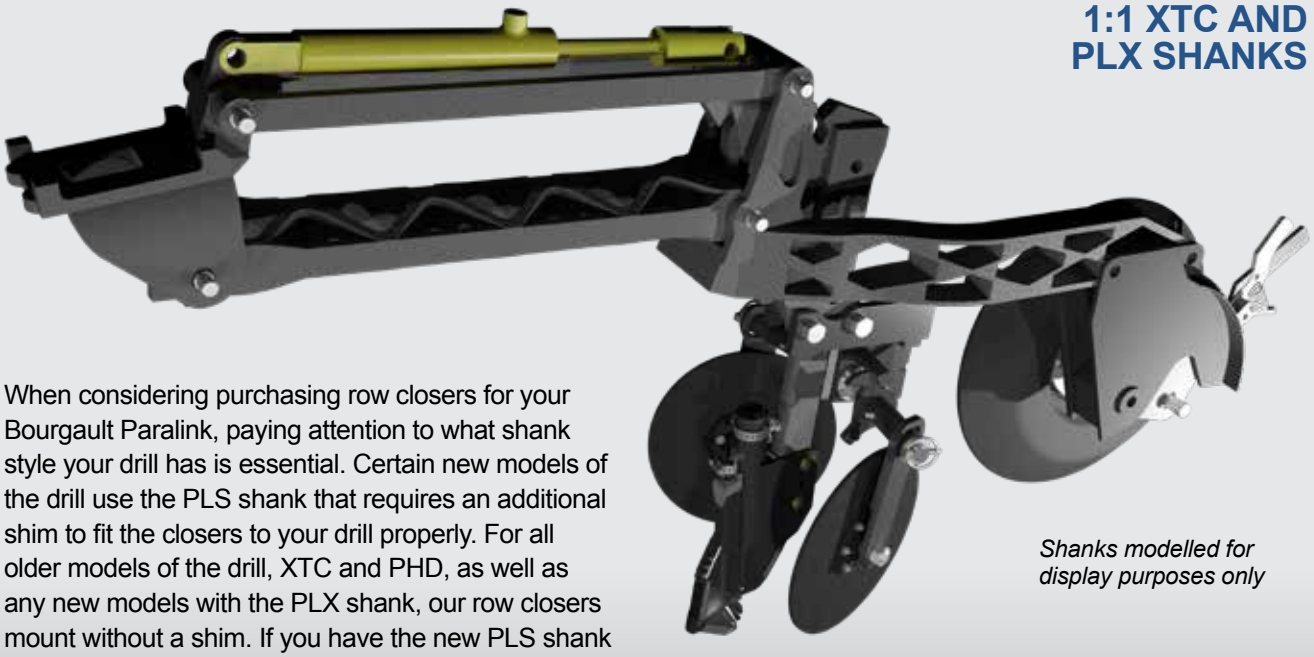


Jonah is running Atom-Jet's 3" paired row openers and row closers for Bourgault Paralink

In our first season, we (along with Atom-Jet) noticed that the field finish was rough, and there was quite a bit of soil throw. This limited our speed to avoid stepping and made turning on the headlands quite rough. Atom-Jet designed and brought out a small batch of row closers to solve the problem; after two years of testing and adjusting, we bought a full set for the drill. Field finish has drastically improved, and our travel speeds have gone up while improving our seed placement. Without the closers, we wouldn't have been able to sow nearly as much as we were able to during this past wet spring.
— Jonah Genik, Gilbert Plains, MB

BOURGAULT PARALINK

1:1 XTC AND PLX SHANKS

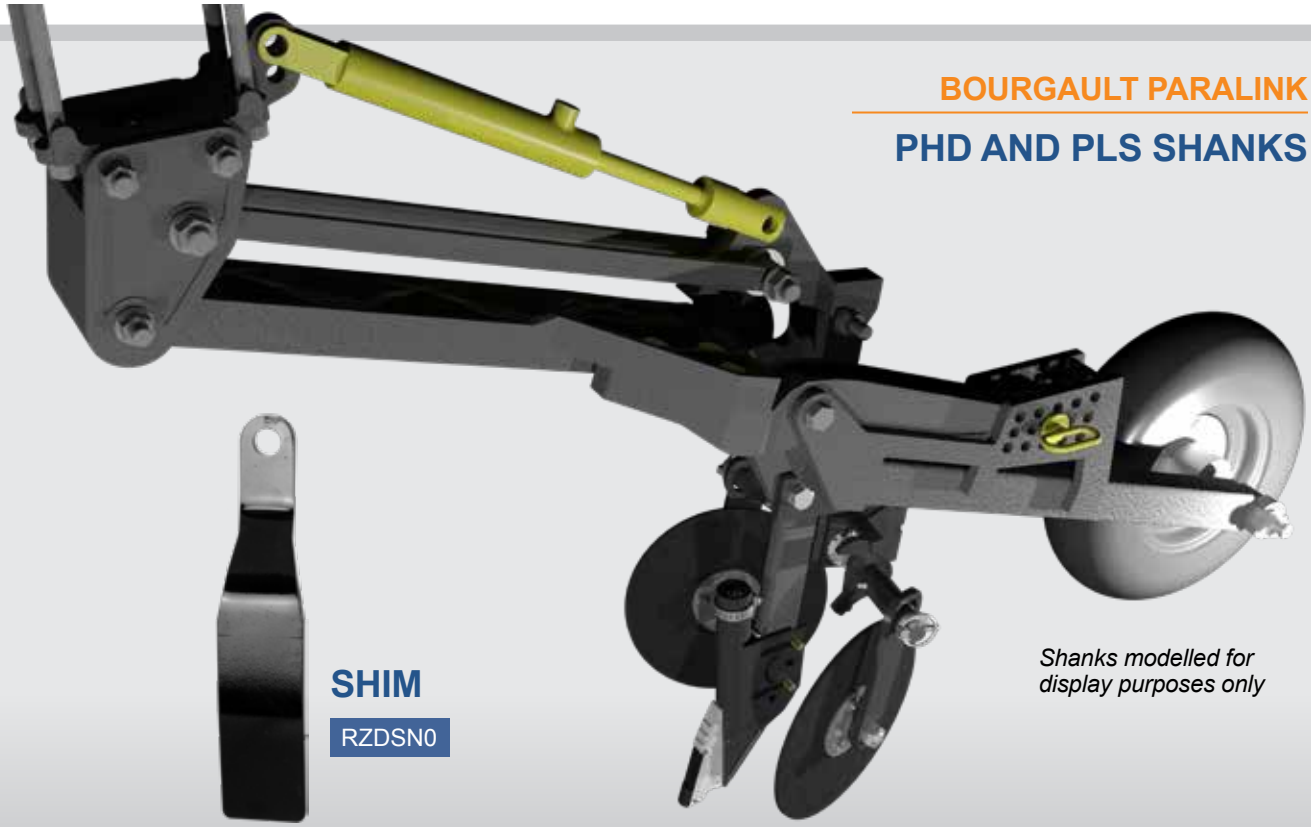


When considering purchasing row closers for your Bourgault Paralink, paying attention to what shank style your drill has is essential. Certain new models of the drill use the PLS shank that requires an additional shim to fit the closers to your drill properly. For all older models of the drill, XTC and PHD, as well as any new models with the PLX shank, our row closers mount without a shim. If you have the new PLS shank model, let our Territory Manager know and they will have the mounting shim added to your order.

Shanks modelled for display purposes only

BOURGAULT PARALINK

PHD AND PLS SHANKS



SHIM

RZDSN0

Shanks modelled for display purposes only

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

ROW CLOSERS PERFORMANCE

Producers approached Atom-Jet with concerns about soil-stepping and field finish on their independent shank drills. Throughout the past three years of prototype design and testing, these two key problems were solved and led to the added benefit of producers being able to operate their drills at higher ground speeds without sacrificing field finish.

- Spring-tensioned arms keep discs running along the soil surface.
- Can be pinned up for unsuitable conditions.
- Angled discs catch soil from openers and direct it back into the furrow ahead of the packer tire.
- By capturing the soil flow and keeping it within the same row, stepping is eliminated and field finish is significantly improved.



- A customer west of Starbuck, MB, has gone from seeding at 4 mph and not being happy with his field finish, to being able to seed at over 6 mph and leaving a nice smooth field.
- A customer at Oak Bluff, MB, bought his drill new with Atom-Jet row closers added on and has been seeding at 6.3-6.5 mph.
- A customer north of Gilbert Plains, MB, was able to go 1 mph faster in cereals and 0.5 mph faster in canola, while significantly improving the field finish across his entire farm.



Rows marked with ↓ have closers pinned up to show original field finish.

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ROW CLOSERS PERFORMANCE

To see our Row Closers perform in the field, check out the videos using the links below.



ROW CLOSERS IN ACTION
youtu.be/
n8tWf7WQSlc



ROW CLOSERS IN ACTION
youtu.be/
o0KoNBipWyA





David is running his row closers with single shoot openers on his Bourgault Paralink

My dad always said, "If you don't seed properly there's nothing you can do after that's going to make a crop." I farm in the Starbuck area with my brother and my nephew. We farm approximately 9,000 acres. We do corn, soybeans, oats, canola, and other crops as well. I learned about Atom-Jet Row Closers two years ago. Jason McKerchar [Atom-Jet's Territory Rep. for Manitoba and Ontario] asked me if I would test them and they did an excellent job. The row closers benefit emergence because everything comes up even; our seed depth is almost perfect now. They just put the soil back ahead of the packer wheel, and do an excellent job. I was down to 4 mph and wasn't happy with the field finish at that speed, and now with the row closers I'm up over 6 mph. I went from 28 acres per hour, up to 45 acres per hour, and I'm doing a better job. The row closers are a great investment: if you think about a 4,000-acre farm, you're putting around a million dollars into the ground. It's a small price to pay for a better seeding finish. I would recommend these row closers. I would not even own a hoe drill anymore without a set of these on. — ***David Masse, Starbuck, MB***

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

OPENERS FOR
BOURGAULT PLDS & PLDX

Introducing our new Seed and Fertilizer Knives for the Bourgault PLDS & PLDX Drills. Developed for producers who demand longer wear life, consistent seed placement, and reliable performance in challenging field conditions, these knives combine premium wear materials with a design optimized for the Bourgault ParaLink Dual Shank system. With enhanced durability, excellent fertilizer delivery, and non-plugging design, they are built to keep you seeding longer and operating more efficiently season after season.



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ALL MOUNTING HARDWARE INCLUDED

BOURGAULT PARALINK

FERTILIZER KNIFE



G GRANULAR

CLFK00

BOURGAULT PARALINK

SEED KNIFE



CLSK00

COMPARISON TO OEM

One challenge with the Bourgault dual knife drill is that the narrow knife tends to wear out early.

After 8,000 acres with a test cooperator in Saskatchewan, the OEM knives lost nearly all the bottom carbide on their fertilizer knife, as shown to the right. The Atom-Jet knife run on the same drill retained the entire carbide and had just begun wearing the hardsurface.

Based on this performance, the cooperator felt there was good value with the Atom-Jet knives, and they are now ready for full release to the field.



Left: *Atom-Jet knife after 8,000 acres.* ***Right:*** *OEM Bourgault knife after 8,000 acres, sitting on a new OEM knife for wear comparison.*

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

OPENERS FOR
CNH FLEX HOE

Atom-Jet openers perform well with the patented true parallel link row unit on the New Holland P2070 and CIH 800/900. The design angle of the opener works in relation to the soil surface providing a consistent seed depth and faster, uniform crop emergence. The narrow profile of Atom-Jet openers results in smoother field finish and superior trash clearance. The carbide-protected opener improves the life of the opener in all conditions. The opener is an excellent choice for these CNH drills.

- Same-plane technology improves disturbance with accurate seed placement
- Designed not to plug in different soil conditions
- Opener selection to meet all needs – Single & Double shoot / Liquid, Granular & NH3 fertilizers applications
- Improved opener performance with significant cost savings



CNH FLEX HOE

SIDE BAND GRANULAR



G GRANULAR

3/4"	Left	CBGAA0
	Right	CBGAB0
1"	Left	CBGCA0
	Right	CGBCB0

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CNH FLEX HOE
SINGLE SHOOT



G GRANULAR

1/2"		CBAS00
3/4"		CBAA00
1"		CBAC00

CNH FLEX HOE
HIGH-RATE SIDE BAND



SEE PAGE 6 FOR MORE INFO

G GRANULAR

3/4"	Left	CBGAX0
	Right	CBGAY0
1"	Left	CBGCX0
	Right	CBGCY0

CNH FLEX HOE
SIDE BAND LIQUID .250



L LIQUID

3/4"	Left	CBFAA0
	Right	CBFAB0
1"	Left	CBFCA0
	Right	CBFCB0

CNH FLEX HOE
HIGH-RATE SIDE BAND LIQUID



L LIQUID

1/4" Tube	Left	CBFTF2
	Right	CBFTG2
3/8" Tube	Left	CBFTF3
	Right	CBFTG3

CNH FLEX HOE
PAIRED ROW



G GRANULAR

L LIQUID

3"	Liquid	CBDTDM
	Granular	CBDTD0
4"	Liquid	CBETEM
	Granular	CBETE0

CNH FLEX HOE
TWIN BAND



SEE PAGE 8 FOR MORE INFO

G GRANULAR

L LIQUID

N NH3

Left	CBHTF0
Right	CBHTG0

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

CNH FLEX HOE

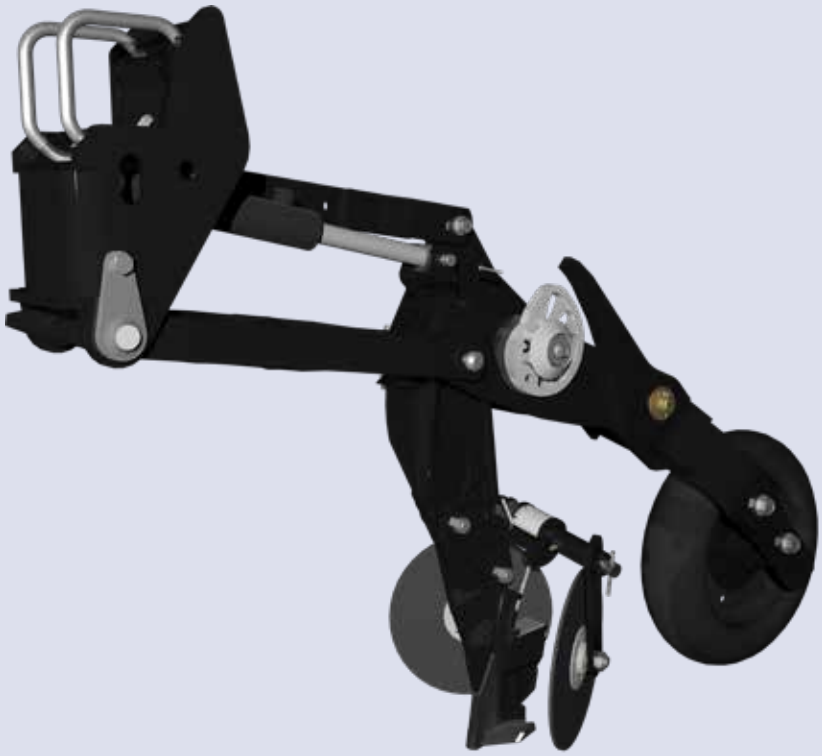
ROW CLOSER



Opener shown for mounting purposes only. Sold separately.

RB0000

CNH FLEX HOE ROW CLOSERS



Building on the success of our Row Closing discs on the Bourgault Paralink, Atom-Jet has expanded this product line to cover the CaseIH Flex Hoe P800 and P900s, as well as the New Holland P2070 series.

Actual product running in Dauphin, Manitoba. Customer has been using their row closers for three seasons on their CaseIH Flex Hoe 800.

ROW CLOSER PERFORMANCE



Rows marked with arrows are using Atom-Jet Row Closers

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OPENERS FOR
CONCORD EDGE ON

Atom-Jet Edge On openers that fit your Concord are ideal for every condition of soil, including gumbo. Our non-plugging technology has been a benefit to farmers running this drill. Atom-Jet openers are compatible with row closers with the use of a shank extension and are an excellent fit with the Concord drill.

- Front delivery – placing the seed directly behind the point giving accurate seed placement
- Smooth vertical design allowing trash to clear
- Non-plugging in all types of different soils
- Carbide protection on all high wear areas

For Concord air drills that use a C-Shank instead of an Edge-On, use the part numbers found in the C-Shank section.





We bought our Concord 4010 in 2007 with Atom-Jet 3" Spread openers on it and are still running the same set today. The openers perform consistently in both wet and dry conditions, leaving a nice even seedbed. With the spread tip and the generally moist soil in the Red River Valley, we're able to put down a full rate of fertilizer along with the seed and have enough variance across the furrow that we don't see any seed burn. The durability on these openers has been fantastic. We've got 18 seasons on them so far and they still have lots of life left. — **Brian Murray, Snowy Owl Farms, Sanford, MB**

ALL MOUNTING HARDWARE INCLUDED

CONCORD EDGE ON
SINGLE SHOOT

G GRANULAR

3/4"	CHAA00
1"	CHAC00



CONCORD EDGE ON
SINGLE SHOOT SPREAD

G GRANULAR

3"	CHBTD0
4"	CHCTE0



CONCORD EDGE ON
SIDE BAND GRANULAR

G GRANULAR

3/4"	Left	CHGAA0
	Right	CHGAB0
1"	Left	CHGCA0
	Right	CHGCB0



CONCORD EDGE ON
SIDE BAND LIQUID .250

L LIQUID

3/4"	Left	CHFAA0
	Right	CHFAB0
1"	Left	CHFCA0
	Right	CHFCB0



CONCORD EDGE ON
HIGH-RATE SIDE BAND LIQUID

L LIQUID

1/4" Tube	Left	CHFTF2
	Right	CHFTG2
3/8" Tube	Left	CHFTF3
	Right	CHFTG3



CONCORD EDGE ON
PAIRED ROW

G GRANULAR
L LIQUID

3"	Liquid	CHDTDM
	Granular	CHDTD0
4"	Liquid	CHETEM
	Granular	CHETE0



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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

OPENERS FOR MORRIS MAXIM

Atom-Jet openers are the optimal match for Morris Maxims I and II. The land following ability of the Maxim drill with the benefit of a flexible frame provides seeding accuracy and dependability with locked-in depth control. The use of Atom-Jet openers will maximize seed-to-soil contact based on packer width and shank spacing options.

- Front delivery – placing the seed directly behind the point giving accurate seed placement
- Smooth vertical design allowing trash to clear
- Reliable, rugged opener with all-steel construction
- Designed to allow for control of different seeding depths

For Morris Maxim drills that use a C-Shank instead of an Edge-On, order using the part numbers found in the C-Shank section.



MORRIS MAXIM

HIGH-RATE SIDE BAND



SEE PAGE 6 FOR MORE INFO

G GRANULAR

3/4"	Left	CDGAX0
	Right	CDGAY0
1"	Left	CDGCX0
	Right	CDGCY0

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ALL MOUNTING HARDWARE INCLUDED

MORRIS MAXIM
SINGLE SHOOT

G GRANULAR

3/4"	CDAA00
1"	CDAC00



MORRIS MAXIM
SINGLE SHOOT SPREAD

G GRANULAR

3"	CDBTD0
4"	CDCTE0



MORRIS MAXIM
SIDE BAND GRANULAR

G GRANULAR

3/4"	Left	CDGAA0
	Right	CDGAB0
1"	Left	CDGCA0
	Right	CDGCB0



MORRIS MAXIM
SIDE BAND LIQUID .250

L LIQUID

3/4"	Left	CDFAA0
	Right	CDFAB0
1"	Left	CDFCA0
	Right	CDFCB0



MORRIS MAXIM
PAIRED ROW

G GRANULAR
L LIQUID

3"	Liquid	CDDTDM
	Granular	CDDTD0
4"	Liquid	CDETEM
	Granular	CDETE0



MORRIS MAXIM
TWIN BAND

G GRANULAR
L LIQUID
N NH3

Left	CDHTF0
Right	CDHTG0



SEE PAGE 8 FOR MORE INFO

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

OPENERS FOR
CASE IH 700 / NH P2060

Whether it is for your CIH 700 or NH P2060, Atom-Jet has an opener that will fit your drill. The narrow profile of Atom-Jet openers results in smoother field finish, minimal draft, and superior trash clearance. The carbide-protected opener improves the life of the opener in all conditions. The openers are compatible with row closers by using a shank extension making them a superior choice for these drills.

- Seed is placed directly behind the point – Front Delivery – ensuring accurate seed placement
- The vertical design allows for excellent trash clearance
- Design of the low profile opener results in less steel being pulled in the field, reducing draft
- Same-plane seed placement ensures seed is placed on a firm seed bed, promoting germination

For Case IH 700 or New Holland P2060 air drills that use a C-Shank instead of an Edge-On, use the part numbers found in the C-Shank section.



CASE IH 700 / NH P2060 EDGE ON

TWIN BAND



SEE PAGE 8 FOR MORE INFO

- G GRANULAR
- L LIQUID
- N NH3

Left	CHHTF0
Right	CHHTG0

ALL MOUNTING HARDWARE INCLUDED

CASE IH 700 / NH P2060 EDGE ON

SINGLE SHOOT

G GRANULAR

3/4"	CHAA00
1"	CHAC00



CASE IH 700 / NH P2060 EDGE ON

SINGLE SHOOT SPREAD

G GRANULAR

3"	CHBTD0
4"	CHCTE0



CASE IH 700 / NH P2060 EDGE ON

SIDE BAND GRANULAR

G GRANULAR

3/4"	Left	CHGAA0
	Right	CHGAB0
1"	Left	CHGCA0
	Right	CHGCB0



CASE IH 700 / NH P2060 EDGE ON

SIDE BAND LIQUID .250

L LIQUID

3/4"	Left	CHFAA0
	Right	CHFAB0
1"	Left	CHFCA0
	Right	CHFCB0



CASE IH 700 / NH P2060 EDGE ON

HIGH-RATE SIDE BAND LIQUID

L LIQUID

1/4" Tube	Left	CHFTF2
	Right	CHFTG2
3/8" Tube	Left	CHFTF3
	Right	CHFTG3



CASE IH 700 / NH P2060 EDGE ON

PAIRED ROW

G GRANULAR

L LIQUID

3"	Liquid	CHDTDM
	Granular	CHDTD0
4"	Liquid	CHETEM
	Granular	CHETE0



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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

OPENERS FOR VERSATILE

Atom-Jet has been involved in the development of openers for the ML series since the inception of the drill. The design has been improved over the years now using Atom-Jet's vertical point to work in conjunction with the parallel linkage and independent shanks of the drill providing superior seed placement. The opener minimizes trash flow and allows the opener to run quieter in the soil working with the mechanical packing pressure. This combination makes Atom-Jet openers an excellent choice for the ML series.

- High wear areas carbide protected for extended life
- Openers for all fertilizer and seeding applications
- Non-plugging in different soil types
- Same plane placement ensures accurate seed placement



VERSATILE

HIGH-RATE SIDE BAND LIQUID



L LIQUID

1/4" Tube	Left	CVFTF2
	Right	CVFTG2
3/8" Tube	Left	CVFTF3
	Right	CVFTG3

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ALL MOUNTING HARDWARE INCLUDED

VERSATILE
SINGLE SHOOT

G GRANULAR

3/4"	CVAA00
1"	CVAC00



VERSATILE
SINGLE SHOOT SPREAD

G GRANULAR

3"	CVBTD0
4"	CVCTE0



VERSATILE
SIDE BAND GRANULAR

G GRANULAR

3/4"	Left	CVGAA0
	Right	CVGAB0
1"	Left	CVGCA0
	Right	CVGCB0



VERSATILE
SIDE BAND LIQUID

L LIQUID

3/4"	Left	CVFAA0
	Right	CVFAB0
1"	Left	CVFCA0
	Right	CVFCB0



VERSATILE
PAIRED ROW

G GRANULAR
L LIQUID

3"	Liquid	CVDTDM1
	Granular	CVDTD01
4"	Liquid	CVETEM1
	Granular	CVETE01



VERSATILE
TWIN BAND

G GRANULAR
L LIQUID
N NH3

Left	CVHTF0
Right	CVHTG0



SEE PAGE 8 FOR MORE INFO

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

OPENERS FOR SEEDMASTER

Drawing on our experience as the original supplier to the OEM, Atom-Jet has developed a line of new seed openers for the SeedMaster SMS drill. These openers combine long-lasting wear that Atom-Jet is known for with our patented Same Plane Placement technology. Designed to deliver accurate seed placement and fertilizer separation across varying soil conditions, this opener line up will help producers maintain emergence consistency while extending service life and reducing downtime.

SEEDMASTER

½" SINGLE SHOOT



G GRANULAR

½" CSAS00

ALL MOUNTING HARDWARE INCLUDED

SEEDMASTER
SINGLE SHOOT



G GRANULAR

¾"	CSAA00
1"	CSAC00

SEEDMASTER
SIDE BAND GRANULAR



G GRANULAR

¾"	Left	CSGAA0
	Right	CSGAB0
1"	Left	CSGCA0
	Right	CSGCB0

SEEDMASTER
HIGH-RATE SIDE BAND GRANULAR



G GRANULAR

¾"	Left	CSGAX0
	Right	CSGAY0
1"	Left	CSGCX0
	Right	CSGCY0

SEEDMASTER
PAIRED ROW



G GRANULAR

3"	CSDTD0
4"	CSETE0

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

OPENERS FOR HORSCH

Maximize the versatility of your Horsch Pather with Atom-Jet's replacement seed boots. Designed to retain the machine's excellent contour-following ability and aggressive residue-clearing action, our ¾" and 1" carbide points offer superior longevity in demanding field conditions. Ideal for direct seeding or cover crop establishment, Atom-Jet points help maintain consistent performance season after season.



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ALL MOUNTING HARDWARE INCLUDED

HORSCH

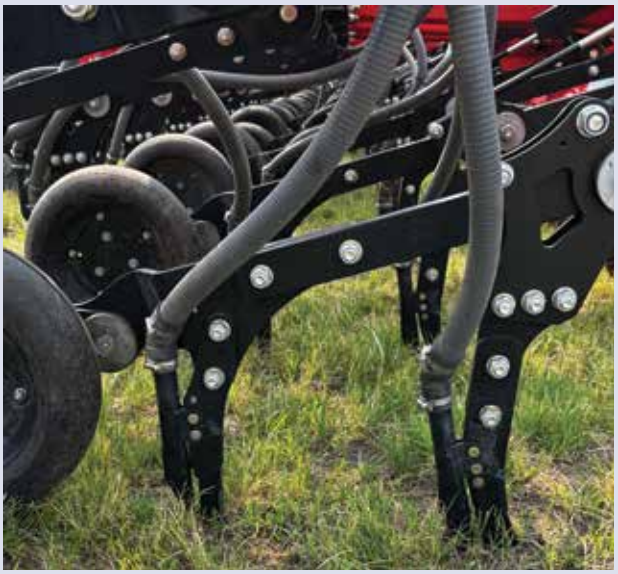
SINGLE SHOOT



3/4"	CEAA00
1"	CEAC00

SPRINTER 87 NT R&D

With the recent release of the Horsch Sprinter 87 NT, Atom-Jet's R&D team is using our past experience with other dual knife systems to develop a set of long-lasting seed and fertilizer knives for this drill. Using our past designs for fertilizer knives, Atom-Jet has the expertise to configure our knives for multiple fertilizer types.





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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

OPENERS FOR
HOE DRILLS

Our hoe drill openers provide a quality and cost-effective solution for growers who still utilize Hoe Drill seeding units. Carbides added to the point provide superior opener life. Vertical design creates a consistent seedbed allowing for even germination and better emergence. With an optional liquid configuration throughout the product range, you can depend on Atom-Jet.

- Double carbide point
- Excellent seed placement
- Plug-free points
- Excellent ground penetration
- Maintainable / repairable
- All configurations available for liquid application

CASE IH 7200/8500

SIDE BAND LIQUID



L LIQUID

Left	ECFAA0
Right	ECFAB0

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CASE IH 7200/8500

SINGLE SHOOT



G GRANULAR

	ECAB00

MORRIS MH 310/3100

SINGLE SHOOT



G GRANULAR

	ELAA00

JOHN DEERE 9300/9400

SIDE BAND LIQUID



L LIQUID

Left	EJFJA0
Right	EJFJB0

VERSATILE / NOBLE

SINGLE SHOOT



G GRANULAR

	EPAB00

MORRIS M11 SEED RITE

SINGLE SHOOT



G GRANULAR

3/4"	EMAB00
1"	EMAC00

JOHN DEERE 9300/9400

SINGLE SHOOT



G GRANULAR

3/4"	EJAJ00
1"	EJAK00

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

PRECISION DISC SCRAPERS FOR

CASEIH PD500 / NEW HOLLAND P2080 SERIES

The CaseIH PD500 and New Holland P2080 Precision Disc drills offer a true parallel linkage for superior seeding depth management. Whether it's the Single or Double Shoot Scrapers, Atom-Jet's new line complements this system by providing a long-lasting, non-plugging scraper. Our Double Shoot Scrapers add the ability to apply a full rate of fertilizer along with the seed in a single pass.

- Trash shield is incorporated into the scraper, saving costs
- Adjustable position to match disc wear
- Strategically placed carbides protect all high wear surfaces
- Shorter scraper profile stays tight to the disc preventing plugging





The first Atom-Jet scrapers we had on a Case SDX drill a number of years ago. This spring we outfitted our four Case PD500 drills with Atom-Jet single shoot scrapers. We're seeding about 2" to 2½" from the surface but yet our seed is only an inch into the ground at the bottom of that furrow. Once you sweep that top inch of dry dirt away it's nice moist ground you're getting into. The scrapers are durable; I would say they'd outlast 3:1 to an OEM scraper. I would recommend Atom-Jet to anybody with the experience I've had. In fact, I would recommend buying nothing but Atom-Jet for this drill.
— Roger Bendickson, Garrison, ND

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CASE IH 500 / NH P2080 PRECISION DISC SCRAPER

SEE PAGE 11 FOR MORE INFO

SINGLE SHOOT SCRAPER

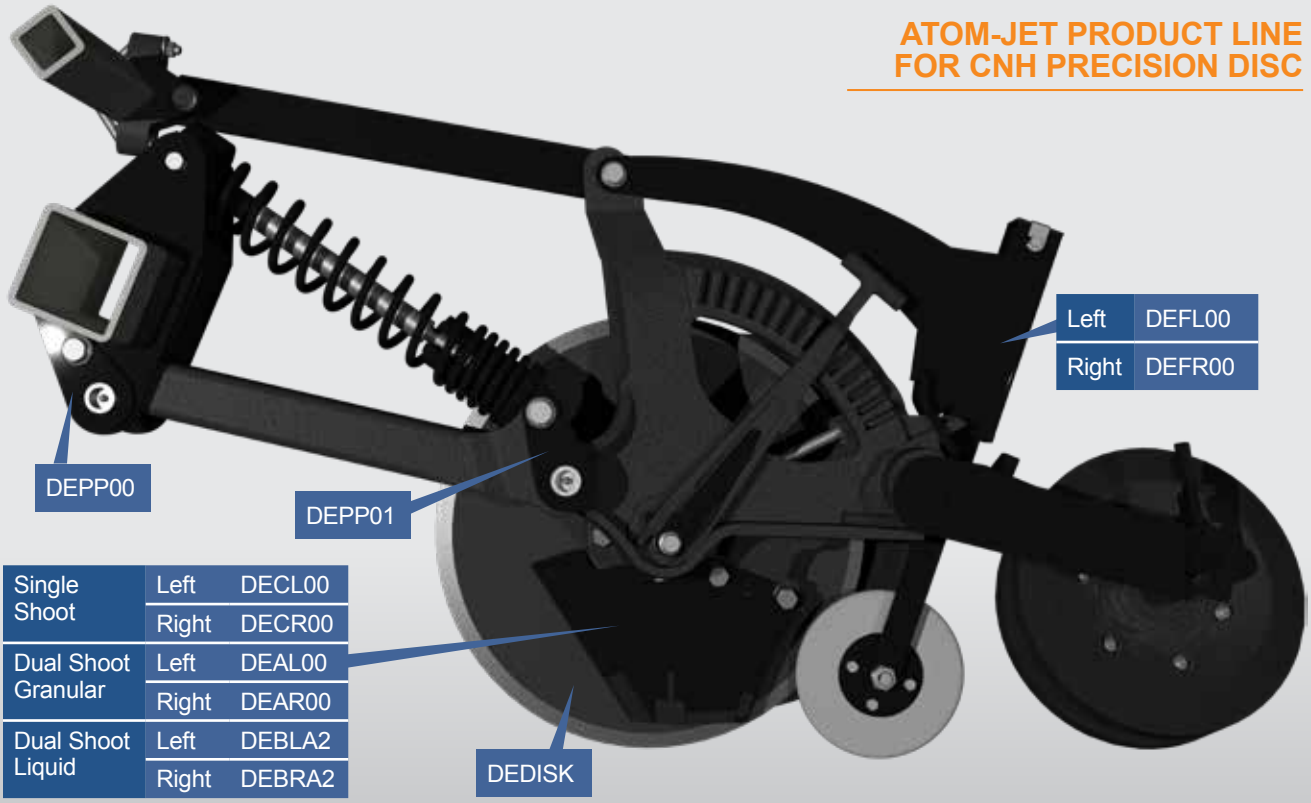


G GRANULAR

Left	DECL00
Right	DECR00

INSTALLATION
youtu.be/kLKRmfZBGh0

ATOM-JET PRODUCT LINE FOR CNH PRECISION DISC



Left	DEFL00	
Right	DEFR00	

Single Shoot	Left	DECL00
	Right	DECR00
Dual Shoot Granular	Left	DEAL00
	Right	DEAR00
Dual Shoot Liquid	Left	DEBLA2
	Right	DEBRA2

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

CASE IH 500 / NH P2080 PRECISION DISC SCRAPER

DUAL SHOOT GRANULAR SCRAPER



G GRANULAR

Left	DEAL00
Right	DEAR00

INSTALLATION
youtu.be/
kLKRmfZBGh0

SCRAPERS ON CASE PD500DS AND NH P2082 MODELS

Atom-Jet Dual Shoot scrapers were designed to retrofit older model single shoot drills to allow for a dual shoot capability; however, they can still be used on the newer model PD500DS and P2082s that come from factory set-up for dual shoot application.

Cooperators with these models of drills that do not like using the cast secondary boot on the OEM unit can remove the whole cast assembly and install our scraper where the OEM scraper sits, giving tighter application windows.



Parts to be removed to install Atom-Jet DS scrapers

CASE IH 500 / NH P2080 PRECISION DISC SCRAPER

DUAL SHOOT LIQUID SCRAPER



L LIQUID

1/4" Tube	Left	DEBLA2
	Right	DEBRA2
3/8" Tube	Left	DEBLA3
	Right	DEBRA3

INSTALLATION
youtu.be/
kLKRmfZBGh0

PATENTED UHMW INSERT

Our dual shoot granular and liquid scrapers have a patented (US Patent #10,368,472) UHMW insert. This insert is used exclusively on our double shoot scrapers which have a wing for creating the second product band. The UHMW helps to mitigate the side loading created by the wing, leading to an extended product life.

- Low friction surface lowers turning resistance causing smoother disc operation.
- Insert prevents mud and trash from building up inside the scraper.

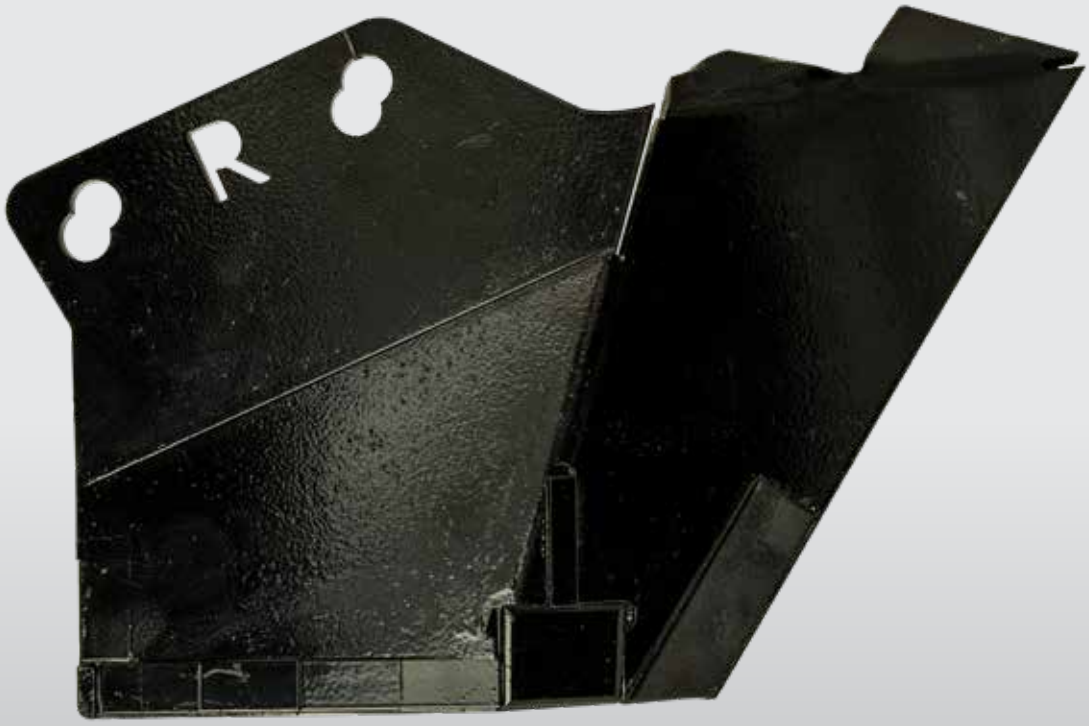


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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

CASE PD500DS / NH P2082 PRECISION DISC SCRAPER

SCRAPER FOR DS DRILLS

For customers running the **Case PD500DS** and **New Holland P2082** dual-shoot versions of this drill, we have developed a carbide-protected, harder-wearing replacement to the OEM scraper. This uses the same integrated trash shield seen on our standard Single Shoot scraper, while being made long enough to fit closely against the OEM dual shoot cast boot to eliminate plugging both from the front and back. Our scraper mounts directly to the OEM shank using the original bolts.



To replace OEM Part 48188187 and 48188190

Left	DECLDS
Right	DECRDS



CASE IH 500 / NH P2080 PRECISION DISC

MAIN HINGE PIN



To replace CNH Part:
47359245

DEPP00

CASE IH 500 / NH P2080 PRECISION DISC

PARALLEL LINKAGE PIN



To replace CNH Part:
84605521

DEPP01

CASE IH 500 / NH P2080 PRECISION DISC

OFFSET SHANK SHIM



Left	DEZF11L
Right	DEZF11R

INGERSOLL

GET THE EDGE INGERSOLL
A GROWING BRAND OF AGRISOLUTIONS

DISC

Atom-Jet is pleased to carry high-quality, North American made Ingersoll Discs for Case PD500 and NH P2080 disc drills.

ZT-DEDISK



FIRMING WHEEL OFFSETS

For Firming Wheel installation, certain drill width and shank spacing combinations of the CNH Precision Disc drill require an offset shim to be added to align your firming wheel properly. Please follow the chart to determine how many shims will be required for your specific setup.

Drill Width (ft)	Spacing (in)	Total # of Shanks	Offsets Required	
			Left DEFL00	Right DEFR00
30	7.5	48	1	1
	10	36	0	0
	15	24	1	0
40	7.5	64	1	1
	10	48	1	1
	15	32	1	0
50	7.5	80	1	2
	10	60	3	2
60	7.5	96	3	2
	10	72	2	0

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

CASE IH 500 / NH P2080 PRECISION DISC

FIRMING WHEEL



Left	DEFL00
Right	DEFR00

This version of the Atom-Jet Firming Wheel is only compatible with Case IH PD500 and New Holland P2080 series disc drills.

CASE IH 500 / NH P2080 PRECISION DISC

REPLACEMENT UHMW WHEEL



DEZFWH

FIRMING WHEEL

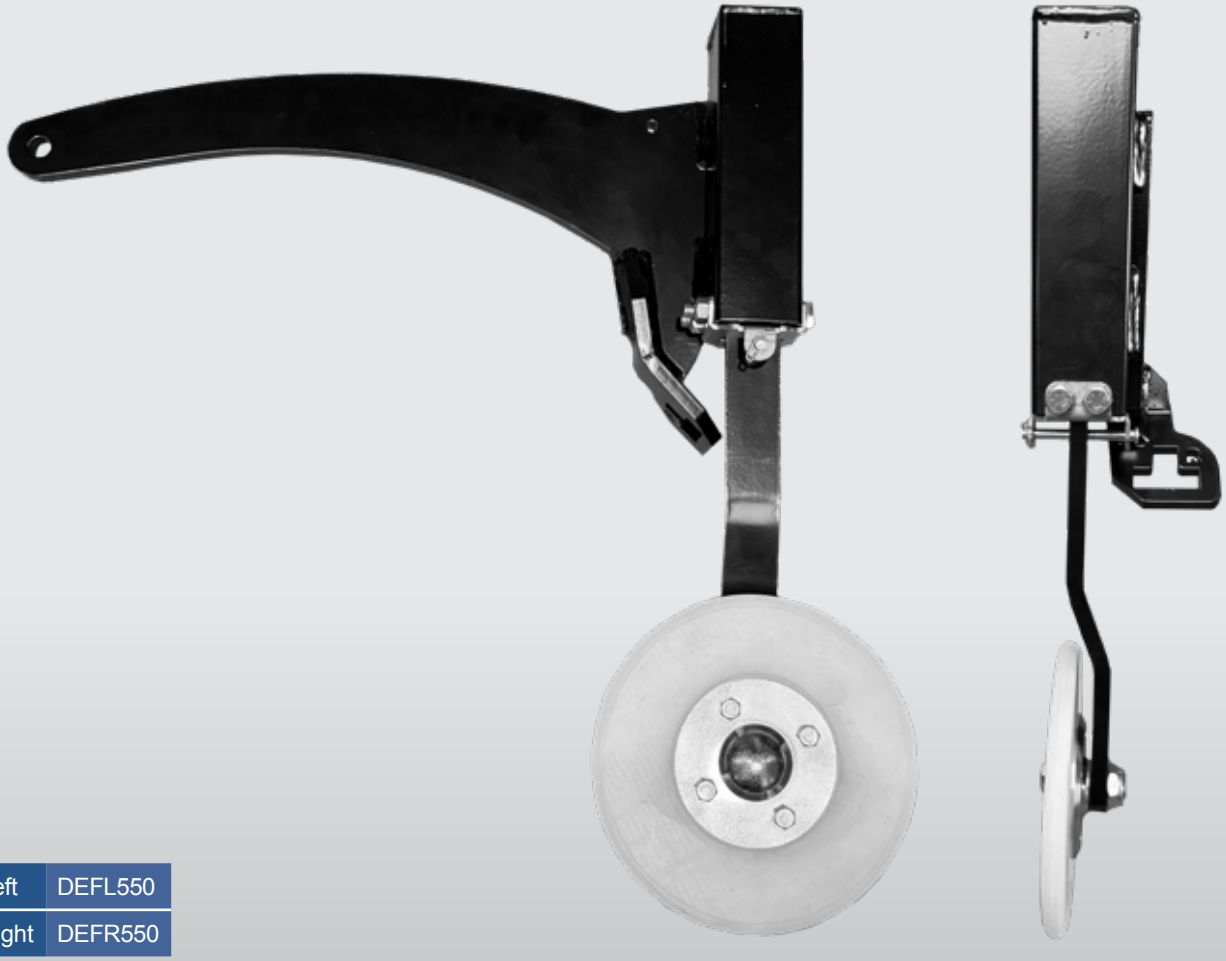
After years of experience working with the Case PD500 and New Holland P2080 series disc drills, customers running our single and double shoot scrapers brought to our attention the need for a firming wheel similar to what other disc drills on the market use. To solve this problem, Atom-Jet has developed a firming wheel attachment that bolts directly onto the existing Precision Disc shanks with no modifications.

- UHMW wheel ensures no soil buildup.
- Spring pressure gently presses seed into the seedbed.
- Fits directly behind the scraper ahead of the packer tire.



CASE IH 550 / NH P2080 PRECISION DISC

BENT FIRMING WHEEL



Left	DEFL550
Right	DEFR550

SHANK DESIGN CHANGES

After the release of Atom-Jet's original Firming Wheel for the CaseIH PD500 and NH P2080 drills, the OEM changed the mount for their packer tire.

If your drill is the new version with the packer arm that wraps around the mount (right image), then the original firming wheel will not fit. Users with these drills must use the Bent Firming Wheel that bypasses the packer tire mount.



Case 500 Packer arm



Case 550 Packer arm

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SCRAPERS FOR

CASE IH SDX SYSTEMS

When producers needed to reshape their drills into a one pass double-shoot system, they came to Atom-Jet to develop a solution. Faced with a challenge, the R&D team, working together with farmers, were able to provide a system to allow growers to double shoot with the SDX drill. The scrapers have all the hard-wearing benefits Atom-Jet is known for, with the ability to seed in one pass.

- Carbide protection
- Increased scraper life
- Reduced time changing scrapers
- Same size as OEM scraper



CASE IH SDX SYSTEM

CARBIDE SCRAPER



G GRANULAR

Left	DACL00
Right	DACR00

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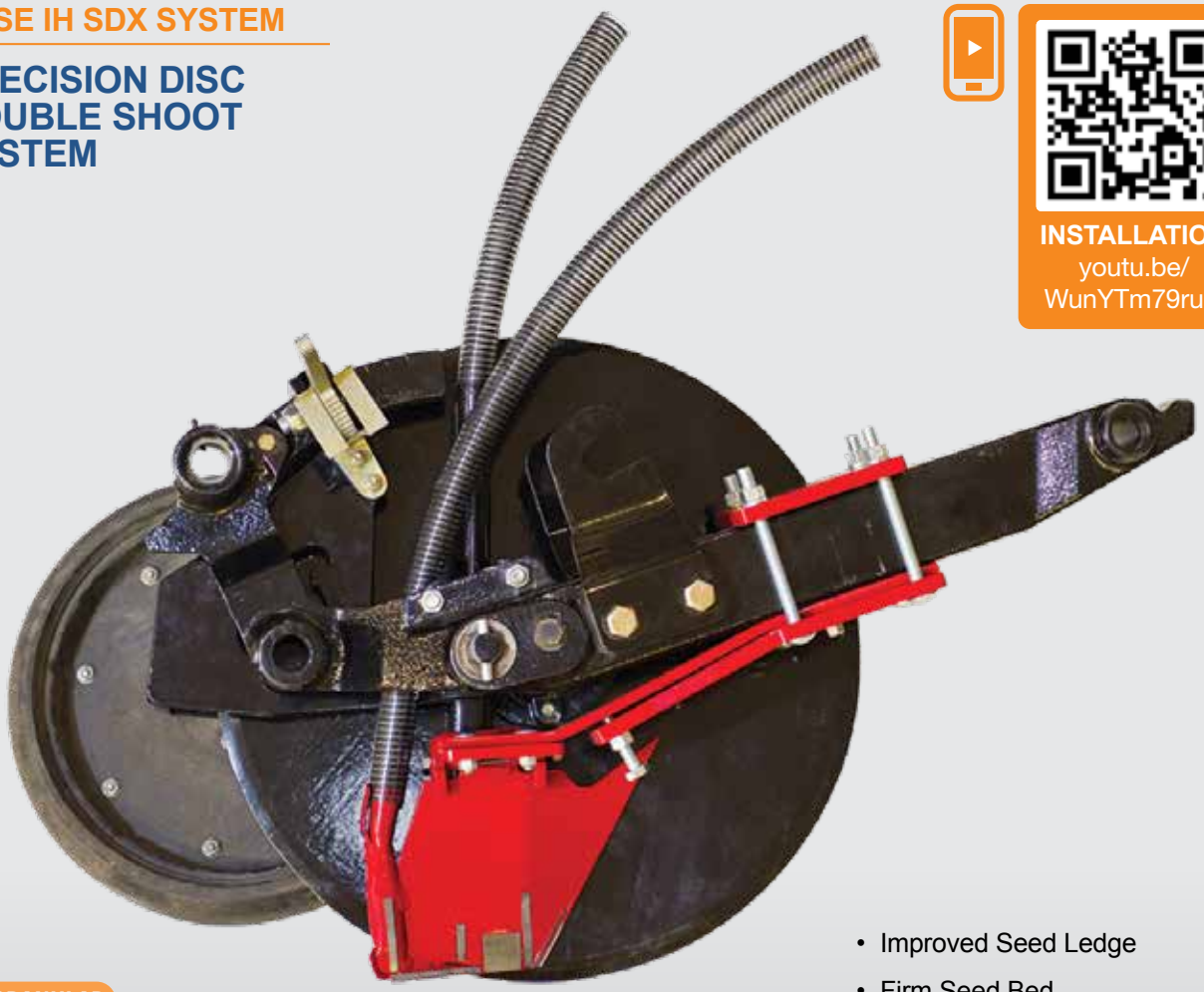
AtomJetAg AtomJetAg AtomJetGroup

ALL MOUNTING HARDWARE INCLUDED

CASE IH SDX SYSTEM

PRECISION DISC DOUBLE SHOOT SYSTEM

INSTALLATION
youtu.be/
WunYTm79ruQ



G GRANULAR

L LIQUID

- Improved Seed Ledge
- Firm Seed Bed
- Improved Seed Placement
- Improved Germination
- Save Fuel and Time by Making Less Passes
- Granular and Liquid Options
- Carbide-Protected Scraper

Complete System

Liquid	Left	DABL00
	Right	DABR00
Granular	Left	DAAL00
	Right	DAAR00

Replacement Scrapers

Liquid	Left	DAZBACL
	Right	DAZBACR
Granular	Left	DADL00
	Right	DADR00

*I had people coming from miles away to see the emergence I got with my Atom-Jet double shoot SDX scraper. This year in adverse conditions I had the best catch I have ever had on my canola. They performed better than we could have ever imagined in heavy trash and the field finish was like nothing I have ever seen. I seeded my peas and lentils and didn't need to roll the field! In all my crops the seed and fertilizer looked hand placed! I got more done and did a better job with my 40' SDX at 6.5 mph than my neighbors did at 4.5 mph with a 60' drill. Putting Atom-Jets on our SDX was the best decision we have made on our farm in a long time. — **Rick Zesko, Rycroft, AB***

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

SCRAPERS FOR
AMITY & VADERSTAD

Atom-Jet's scrapers for the Väderstad Dakota disc drill (formerly Amity) are built to maximize disc opener performance by preventing mud, residue, and soil accumulation on both seed and fertilizer discs. Designed for the demanding conditions of Western Canadian and the Northern plains states agriculture, these heavy-duty scrapers are made from abrasion resistant steel with tungsten carbide placed on high wear points providing longer life than the OEM. Atom-Jet Dakota scrapers help operators achieve more uniform crop establishment, higher seeding efficiency, and dependable performance season after season.



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AMITY

FERTILIZER SCRAPER



Left	DCFL00
Right	DCFR00

AMITY

SEED SCRAPER



Left	DCSL00
Right	DCSR00

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OPENERS FOR
JOHN DEERE P500 SERIES & 1870 CONSERVAPAK

The John Deere 1870 ConservaPak drill was developed to provide consistent depth control for enhanced seed and fertilizer placement. Individual hydraulic settings were designed to allow independent downforce for a more uniform depth across the width of the frame. Atom-Jet developed the new ½" fertilizer knife based on farmers requesting a longer lasting knife that can run at the required depths.

- The ½" narrow banding profile maintains the low disturbance and superior furrow closing expected from a ½" knife
- Tungsten carbide protected point made of abrasion resistant steel plate



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ALL MOUNTING HARDWARE INCLUDED

JOHN DEERE P500 SERIES & 1870 CONSERVAPAK

½" FERTILIZER KNIFE GRANULAR



G GRANULAR

CPAW00	

JOHN DEERE P500 SERIES & 1870 CONSERVAPAK

½" FERTILIZER KNIFE GRANULAR & NH3



G GRANULAR

N NH3

¼" Tube	CPAW12
⅜" Tube	CPAW13
½" Tube	CPAW14

JOHN DEERE P500 SERIES & 1870 CONSERVAPAK

½" FERTILIZER KNIFE LIQUID



L LIQUID

¼" Tube	CPAW32
⅜" Tube	CPAW33
½" Tube	CPAW34



My son, Tyson, and I farm about 4,000 acres of oilseeds, cereals, and pulse crops. Seeding season is the most important because by starting the crop off in a good condition it sets us up for a good year. We went with the Atom-Jet paired row seed boot and liquid and granular fertilizer boot on our ConservaPak because we had their products on our previous drills for a number of years and we knew they were a durable product. I have about 5,000 acres on these openers and you can still see the paint on the seed boots.

*Atom-Jet openers have made our farm more successful due to the fact that they place the seed exactly where it's supposed to be. The U-shape on the underside of the paired row closes the fertilizer trench so we don't have to worry about the seeds rolling down into it. The openers have left us with nice even emergence across the field. I would definitely recommend Atom-Jet openers. They are a great fit with the ConservaPak drill. — **Greg and Tyson Kistner, Bethune, SK***

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

JOHN DEERE P500 SERIES & 1870 CONSERVAPAK

3" PAIRED ROW SEED BOOT



3" CPD000

JOHN DEERE P500 SERIES & 1870 CONSERVAPAK

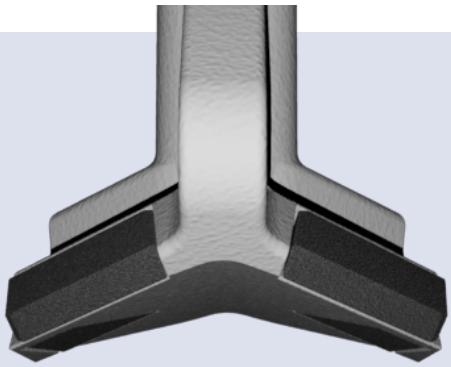
4" PAIRED ROW SEED BOOT



4" CPE000

PAIRED ROW CUP

Our Paired Row cup is specially designed with a curved underside to help close the fertilizer trench to prevent nitrogen burn. The added carbide wear tiles on the underside of the cup protect against the additional pressure of forcing the furrow closed. With our standard carbide protection on the leading edge of the wings, and a high chrome cast material, this opener will outlast the OEM.



JOHN DEERE P500 SERIES & 1870 CONSERVAPAK

SINGLE SHOOT SEED BOOT



CPAA00

JOHN DEERE P500 SERIES & 1870 CONSERVAPAK

CARBIDE MUD SCRAPER



In addition to our opener and fertilizer knife replacements for the ConservaPak air drill, we have developed a carbide-protected mud scraper add-on to keep your packer tires clean.

- Long lasting carbide protection
- Easy installation
- OEM replacement

CPMS00



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SCRAPERS FOR

JOHN DEERE N500 SERIES & 1890

Designed for the John Deere N-Series and 1890 Series drills, Atom-Jet scraper assemblies complement the drill's industry-leading seeding performance while addressing common wear and maintenance challenges.

Atom-Jet scrapers are engineered for significantly greater longevity than OEM components, thanks to our proven wear-resistant materials and carbide expertise. Our exclusive locking bushing mount eliminates the common OEM issue of cast shank wear and mounting-point slop, preventing scraper movement during operation. The result is improved scraper stability, more consistent opener performance, and better seed placement accuracy throughout the life of the assembly, helping operators maintain uniform seeding depths and maximize the performance potential of their John Deere disc drills.

Atom-Jet has designed both a Single Shoot scraper and an SFP scraper for this drill.



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ALL MOUNTING HARDWARE INCLUDED

JOHN DEERE N500 SERIES & 1890

SINGLE SHOOT SCRAPER



Left	DJCL0C
Right	DJCR0C

JOHN DEERE N500 SERIES & 1890

SFP SCRAPER



G GRANULAR

L LIQUID

N NH3

NH3 / Liquid

Left	DJFL00G
Right	DJFR00G

NH3 / Liquid

1/4"	Left	DJFL12
	Right	DJFR12
3/8"	Left	DJFL13
	Right	DJFR13

NH3 / Liquid & Granular

1/4"	Left	DJFL12G
	Right	DJFR12G
3/8"	Left	DJFL13G
	Right	DJFR13G

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NH3 FERTILIZER KNIVES

Our NH3 fertilizer knives solve freezing issues by utilizing a nylon insert to keep the blade insulated from the NH3. This maintains a true ¾" knife, allowing for excellent sealing, minimal disturbance, and low draft. Inspired design means all NH3 blades can be adjusted up to 1" for wheel tracks.

- Universal fit for most front mount and side mount applications
- Available with non-freeze technology
- Carbide tipped for extended wear
- ½" thick high carbon shank
- Fits Salford, John Blue, DMI, Blue Jet, Tormaster, and most others
- Side mount knives available in 13", 15", or 17"
- Available with .250", .375", or .500" tube





The Atom-Jet NH3 non-freeze knives wear extremely well in heavy, stony soils. On my original set of knives I have approximately 15,000 acres with lots of acres left on them. I have never had any problem with freezing with the non-freeze knife. I like how easy these knives are to change–just take out the bolt and the blade comes out if the bolt is tightened properly.
– **Malcolm Murray, Neepawa, MB**

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ALL MOUNTING HARDWARE INCLUDED

NH3 FERTILIZER KNIFE

FRONT MOUNT NON-FREEZE



3/8"	KBBN3C
1/2"	KBBN4C

NH3 FERTILIZER KNIFE

FRONT MOUNT REGULAR



3/8"	KBBR3C
1/2"	KBBR4C

NH3 FERTILIZER KNIFE

C-SHANK SINGLE SHOOT WITH NH3 INSERT



1"	CCAC00XU1

NH3 FERTILIZER KNIFE

INSULATED NH3 INSERT



CZMFN4

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NH3 FERTILIZER KNIFE

SIDE MOUNT NON-FREEZE



13"	KA3N40
15"	KA5N40
17"	KA7N40

NH3 FERTILIZER KNIFE

SIDE MOUNT REGULAR



13"	KA3R40
15"	KA5R40
17"	KA7R40

NH3 FERTILIZER KNIFE

KNOCK-ON NON-FREEZE



Nichol	KBBN40XK2
BOR 200	KBBN40XK3
BOR 400	KBBN40XK4

NH3 FERTILIZER KNIFE

FRONT MOUNT NON-FREEZE – REPLACEMENT INSULATED DELIVERY PLASTIC

WITH ADDED VAPOUR LINE



1/2"	KZMB4V

NH3 FERTILIZER KNIFE

FRONT MOUNT NON-FREEZE – REPLACEMENT INSULATED DELIVERY PLASTIC



3/8"	KZMB30
1/2"	KZMB40

NH3 FERTILIZER KNIFE

FRONT MOUNT REGULAR – REPLACEMENT BLADE



3/8"	KBBR30
1/2"	KBBR40

NH3 FERTILIZER KNIFE

FRONT MOUNT NON-FREEZE – REPLACEMENT BLADE



3/8"	KBBN30
1/2"	KBBN40

NH3 FERTILIZER KNIFE

FRONT MOUNT – REPLACEMENT HOLDER



KZMBH0

NH3 FERTILIZER KNIFE

FRONT MOUNT NON-FREEZE – ADD-ON HOSE SUPPORT BRACKET



KZMHB0

SIDE MOUNT KNIFE MEASUREMENTS

To determine the length of side mount knife that your drill needs, measure the length from the center of the top bolt hole directly to the bottom of the point. Laying your existing fertilizer knives down on a table, and lining the bottom of the point with the edge of the table gives an easy way to make sure you're square and getting an accurate measurement.



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TILLAGE APPLICATOR KNIVES

In the changing landscape of soil conservation practices, strip tillage has shown substantial benefits in certain geographical areas and climates. With these benefits in mind, Atom-Jet is working on a line of strip tillage knives for different applications to work with your needs. With the demands on the knife, Atom-Jet is well-suited to develop a long-lasting product to meet the demands of farmers using strip till.





I started running Atom-Jet Strip Till fertilizer knives three years ago on my 5,500 acre farm in Ulysses, Kansas. I worked with the R&D team to build a knife that allows me to put both NH3 and liquid fertilizer down in a single pass with my CaseIH 5310 strip till unit. The carbide points and wings, along with the hard surface welding, give me great confidence that they will run without issues. I have had no problems with plugging or freezing up the fertilizer runs, and they allowed me to hit my target rates without concern. They also developed shields to bolt on the side of the shank to protect where the hoses slide on to the tubes so they wouldn't push back off.

I highly recommend this company as they are great people to work with!
— Kevin Shapland (at right), Ulysses, KS

STRIP TILL KNIFE

NON-FREEZE



KSSN13

STRIP TILL KNIFE

LIQUID & NH3



KSMR433

WINGED APPLICATOR KNIFE

LOW DISTURBANCE KNIFE



The Low Disturbance Knife is designed to create a pocket for NH3 application, with minimal disturbance at the soil surface.

HARDWARE INCLUDED

KBWR4C

WINGED APPLICATOR KNIFE

PITCHED WING KNIFE



The Pitched Wing Front Mount Applicator Knife is designed to stir up soil during the application process.

HARDWARE INCLUDED

KBWR3CMC

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POWER HILLER TINES

Atom-Jet's Carbide hiller tines were built to enhance the performance of your Power Hilling Machinery, no matter what model you use.

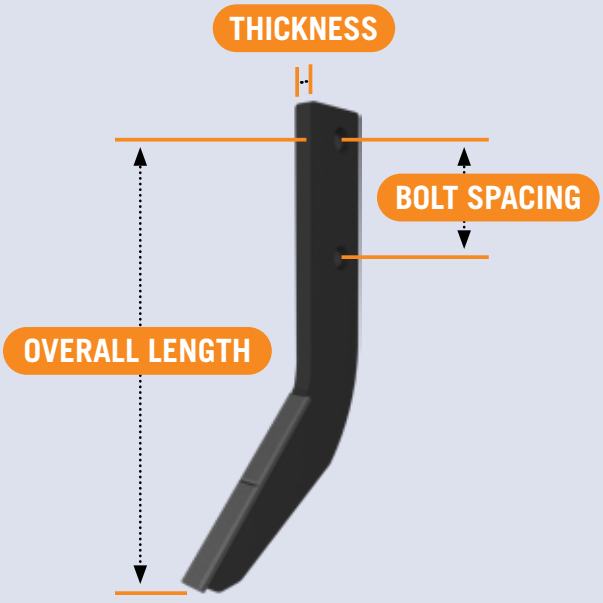
If you're looking to reduce not only your maintenance costs, but replacement as well, Atom-Jet has you covered. Our use of high-strength, abrasion-resistant steel and carbide protection ensure uniform hills and tiller tines that last up to eight times longer than others on the market.



HILLER TINE MEASUREMENT

When ordering Power Hiller Tines, due to the numerous types of machines these can fit on, extra attention should be paid to ensure you get the tines to match your unit.

Knowing the bolt spacing, overall length, thickness, and shape of your tine will ensure you get the correct parts.



STRUICK
3/8" × 8.75"



PA1TF0

STRUICK
3/8" × 13.88"



PG1TF0

BAUMAN
3/8" × 12.50"



PC1TF0

BASELIER
1/2" × 15.40"



PB2TF0

RUMPSTAD
3/8" × 10.65"



PD1TF0

RUMPSTAD
3/8" × 12.88"



PD2TF0

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HYDRAULIC SYSTEMS CLOSED-CENTER

FOR HIGH-DEMAND APPLICATIONS

Our Closed-Center, Load-Sensing piston pump systems match the capacity delivered by the pump to the load requirements. This allows for an increased range of flow without the headaches of overheating issues. Providing an additional 40 gpm at 3,000 psi when operating at 2,100 engine rpm, we ensure you won't be left short when you need power.

- Compatible with:
  - Air Cart Fans
  - Sprayers
  - Grain Carts
  - Active Shank Drills
- In-Cab Flow Control











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TRACTOR MODELS AVAILABLE

Versatile	750, 800, 825, 835, 850, 855, 875, 895, 945, 955, 975
Ford/Versatile Designation 6	936, 946, 956, 976 (with 855 Cummins Engine only)
Case STX (2001-11 model years)	375, 380, 425, 430, 450, 480, 500, 530
Case Steiger	380, 385, 430, 435, 480, 485, 530, 535
New Holland (2001-11 model years)	TJ 375, TJ 380, TJ 425, TJ 430, TJ 450, TJ 480, TJ 500, TJ 530, T9030, T9040, T9050, T9060

OPTIONAL UPGRADES

Quick Couplers	¾" standard; ½" optional
Heat Exchanger	Radiator Mounted or Electric Fan Blown

Hydraulic Kits are available only for listed models.

SYSTEM SPECIFICATIONS

Type	Closed-Center, Load-Sensing
Hydraulic Flow	40 gallons per minute at 2,100 engine rpm
Maximum Pressure	3,000 Pound Per Square Inch
Control Valving	Proportional Spool
Control Type	12 VDC Proportional Joystick
Hydraulic Reservoir	**Versatile Tractors:** Add-On 30 Gallon Capacity **All Others:** Existing Reservoir

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Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

HYDRAULIC SYSTEMS OPEN-CENTER

FOR BASIC APPLICATIONS

Our Open-Center hydraulic gear pump system provides an economical solution for custom designed single-motor applications that only require one set of quick couplers.

This system is complete with in-cab joystick control and can be specifically matched to your application with flow of 18, 23 and 26 gpm at 3,000 psi when working at 2,100 engine rpm.

Whether it's driving an air fan or controlling a water pump, our Open-Center applications can be designed to address a variety of needs.





I installed an auxiliary hydraulic pump on my T9050 New Holland tractor. It was very easy to install. The instructions for installation were easy to follow and had lots of pictures to help in identifying where things were supposed to go.

The hydraulic pump gave me the extra hydraulic capacity to run my drill. The monitor was easy to use and had a very good display of all the functions.

In my opinion, this system is a very simple way to increase the hydraulic capacity of your tractor. — ***Michael Knight, Knightime Farms, Decker, MB***

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TRACTOR MODELS AVAILABLE

Versatile	750, 800, 825, 835, 850, 855, 875, 895, 945, 955, 975 Models 750-850 Series 2 1976 and newer. Series 3 1982-84.
Ford/Versatile Designation 6	936, 946, 956, 976 (with 855 Cummins Engine Only)

OPTIONAL UPGRADES

Quick Couplers	¾" standard; ½" optional
Heat Exchanger	Radiator Mounted or Electric Fan Blown
Tractors With Dozer Blades	Versatile Kits Can Be Supplied Without Reservoir If Tractors Are Equipped With A Dozer Blade

Hydraulic Kits are available only for listed models.

SYSTEM SPECIFICATIONS

Type	Open-Center
Hydraulic Flow	18, 23 & 26 Gallons Per Minute Configurations
Maximum Pressure	3,000 Pounds Per Square Inch
Control Valving	Proportional Spool
Control Type	12 VDC Proportional Joystick
Hydraulic Reservoir	**Versatile Tractors:** Add-On 30-Gallon Capacity **All Others:** Existing Reservoir

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HYDRAULIC SYSTEMS

WING ISOLATION KIT

Designed for greater convenience and flexibility, this hydraulic wing control system allows operators to independently raise and lower each wing from an in-cab controller. A frame-mounted valve precisely manages cylinder movement, providing enhanced control during transport. Whether moving through low-clearance shed doors or under power lines, operators can quickly adjust wing position to safely navigate challenging areas.



VALVE REBUILD KIT

This replacement valve kit provides all the components needed to restore proper system operation and performance. The kit includes a replacement flow control valve, replacement on-off valve and solenoid assembly, and a 3,000 PSI pressure relief valve. All necessary O-rings are included, ensuring a convenient and complete service solution.



VALVE UPGRADE KIT

Upgrade your existing manual flow control system with the convenience of electronic adjustment from the cab. This package includes a new in-cab controller, an electronically controlled valve with built-in pressure relief and manual override capabilities, and an updated quick-coupler assembly with mounting bracket. Together, these components provide improved operator convenience, enhanced system protection, and easier day-to-day operation.



CASE 9000 SERIES KITS

Atom-Jet is developing a hydraulic-capacity enhancement system specifically for Case IH 9000 Series tractors equipped with powershift transmissions and no PTO. Utilizing a closed-center hydraulic system with a load-sensing, pressure-compensated piston pump, this solution is focused on increasing available hydraulic performance for demanding implement applications.



NEW STX AND TJ SERIES KITS

Atom-Jet is expanding its proven line of hydraulic booster kits to support post-2011 Case IH STX and New Holland TJ Series tractors. Intended for machines not equipped with factory Twin Flow/ Parallel Flow hydraulics or a PTO. The system is being developed to provide increased hydraulic capacity for modern implement requirements while retaining the reliability and ease of integration customers expect from Atom-Jet products.



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PARTS & ACCESSORIES





A replacement part for non-freeze NH3 knives with a ½" tube.
2 roll pins included.

KZMB40



A replacement part for non-freeze NH3 knives with 2 × ½" tubes for vapour.

KZMB4V



The NH3 blade holder. Holder bolts onto shank; blade slides into holder.

KZMBH0



Bracket that holds the hose as it comes off the non-freeze blade.

KZMHB0



Piece of steel that welds onto NH3 knife which the UHMW fits into.

KZMUCF



GR8 ½" × 2½" carriage bolt, lock nut, washer.

CZM0AA



GR8 ⅜" x 2¼" carriage bolt, lock nut.

CZM0AB



C-Shank bolt holder for John Deere.

CZMFBH



¼" shim for a 54° shank.

CZNJ00



3⁄16" shim for a 47° shank.

CZNK00



Row Closer Spring

Left **RZSPRINGLF**
Right **RZSPRINGRT**



Insulated NH3 insert.

CZMFN4



Compression Fitting for ¼" OD NH3 Line.

CZM01F



Bourgault Paralink shim.

CZNA00



C-Shank granular chute.

Left CZFCLF
Right CZFCRF



Morris Maxim / Bourgault Paralink granular chute.

Left CZFBLF
Right CZFBRF



Contour / CNH hoe granular chute.

Left CZFALF
Right CZFARF



C-Shank twin band chute.

Left CZFFLF
Right CZFFRF



Morris Maxim / Bourgault Paralink twin band chute.

Left CZFELF
Right CZFERF



Paired row splitter – separates seed and fertilizer.

CZLFB0
CZLCB0



C-Shank top.

CZTA00



Edge On top.

CZTB00

⅛" & ¼" Max Quip tube.

Twin Band
CZG0M12

Side Band
CZG0N12



¼" side band liquid tube for C-Shank / Edge On.

CZGFC2



¼" side band liquid tube for Morris Contour hoe.

Left CZGEC2L
Right CZGEC2R



¼" paired row liquid tube.

CZGFF2



¼" paired row liquid tube for Morris Contour and CNH openers.

CZGEF2



⅜" SPF tube for C-Shank openers.

CZGFA3



MRB ⅜" fitting set.

DZE013



Tube separator.

CZLFA0



Contour hoe tube separator.

CZLEAF



Focus strip.

CZLFF0



Steel piece welded to front of opener to protect liquid line from trash.

CZD0EF



MRB ½" fitting set.

DZE014



Trademarks registered by CIH Flex Hoe 800, CNH P2070 Flex Hoe, Morris Contour & Bourgault Mid-Row Banders are used with permission.
Atom-Jet openers are designed to fit OEM drills as replacement third-party products.

NOTES

Atom-Jet Industries 2-Year Limited Warranty – Ag Products
Atom-Jet Industries 1-Year Limited Warranty – Hydraulic Systems

Atom-Jet Industries (2002) Ltd. warrants each new product to be free from defects in material and workmanship. This warranty is applicable only for the normal service life expectancy of the product or components, not to exceed 24 consecutive months (12 consecutive months for hydraulic systems) from the date of delivery of product to the original purchaser. Proof of purchase is required. Warranty is limited to the replacement of the failed product.

Under no circumstances will the warranty cover any products or components thereof, which, in the opinion of the company, has been subject to misuse, unauthorized modification, alteration, and accident or if repairs have been made with parts other than those obtainable through Atom-Jet Industries (2002) Ltd.

Our obligation under this warranty shall be limited to repairing or replacing, free of charge to the original purchaser, any part that, in our judgment, shall show evidence of such defect, provided further that such part, if so requested shall be returned within forty-five (45) days from date of failure to Atom-Jet Industries (2002) Ltd. routed though the dealer and/or distributor from whom the purchase was made, transportation charges prepaid.

This warranty shall not interpret to render Atom-Jet Industries (2002) Ltd. or dealer liable for injury or damages of any kind or nature to person or property. This warranty does not extend to the loss of crops, loss due to delay in harvest, or any expense or loss incurred for labor, substitute machinery, rental or other reason.

Except as set forth above, Atom-Jet Industries (2002) Ltd. shall have no obligation or liability of any kind on account of any of its equipment and shall not be liable for special or consequential damages. Atom-Jet Industries (2002) Ltd. makes no other warranty, expressed or implied, and, specifically, Atom-Jet Industries (2002) Ltd. disclaims any implied warranty.

This warranty is subject to any existing conditions of supply which may directly affect our ability to obtain materials or manufacture replacement parts.

Atom-Jet Industries reserves the right to make improvements in design or changes in specifications at any time, without incurring any obligation to owners of units previously sold.

No one is authorized to alter, modify or enlarge this warranty nor the exclusion, limitations and reservations of the warranty stated above.

Disclaimer: Atom-Jet Industries reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at the time of publication but are subject to change without notice.

With double shoot openers, the placement of the seed and fertilizer is very important. The amount of fertilizer that can be applied with any double shoot opener depends to a great extent on the degree of separation between the fertilizer and the seed, but also depends on a number of other variables such as the amount of moisture in the soil, the amount of organic matter in the soil, the soil type and the type of crop being seeded. It is our policy that we do not recommend or endorse specific “safe” rates of fertilizer for our double shoot openers. We suggest that producers consult with their local agronomist for their expertise on specific fertilizer rates for their application.

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