



2023 AG PRODUCT CATALOGUE



Seeding Openers | Disc Scrapers
Fertilizer Knives | Hydraulic Kits



The Atom-Jet Sales team at Ag In Motion 2022



Celebrating Our 60th Year In Business With Over 35 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.

VISIT WWW.ATOMJET.COM FOR VIDEOS AND MORE INFORMATION
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“ We’re located at Monitor, Alberta, and we’re a mixed farm operation with both cattle and grain.

We’ve been running Atom-Jet openers since 2001. We are farming over a large distance with lots of different soil types so we went with the Atom-Jets because they had a guarantee of no plugging; we tried them and we’ve been using them ever since.



Charles Chrisp
Monitor, AB

The Atom-Jet openers are very durable; with hardsurfacing every 5,000 acres we were able to get 32,000 acres out of one set of boots.

We’re now running the new High Rate Side Bands; in this area here we’re running some lighter sandy lands, so the more separation we can get between seed and fertilizer means less chance of crop damage.

I do recommend Atom-Jet openers. I’ve been an advocate since our first season with them. They work well, they’re simple, and with hardsurface rebuilding, they’re economical. ”

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OPENERS FOR:

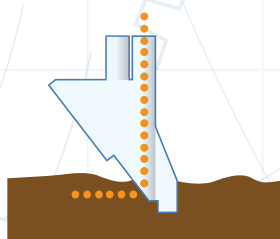
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POINTS OF DIFFERENCE

SEED/FERTILIZER PLACEMENT

- Great seed to soil contact leads to quicker germination for a superior plant stand
- 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 fracturing.
 - Due to a sleeker profile, closure is achieved in a very short amount of travel creating an **impeccable field finish**.
 - Openers of horizontal design attempt to drive seed against the direction of travel, usually resulting in seed bounce and poor overall placement.
- Atom-Jet Agriculture pioneered the **vertical design**.
 - It's true innovation that competitors in our market continue to emulate to this day.



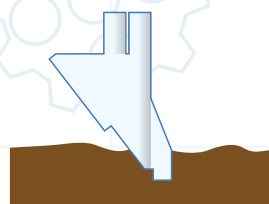
SAME PLANE PLACEMENT

- All Atom-Jet openers utilize "Same Plane" placement during the delivery of seed and fertilizer to the seedbed.
- Atom-Jet Agriculture was the first to implement, "**Same Plane**" placement to prevent the seedbed from fracturing.
 - Atom-Jet believes a fractured seedbed dries out quicker and generates the potential for uneven germination.
 - It also increases the risk of seed burn by creating an area where seed and fertilizer can merge.
- A firm seedbed produces **good seed-to soil contact**, enabling enhanced absorption of moisture and nutrients by the seed, while excluding fertilizer from the seed row.



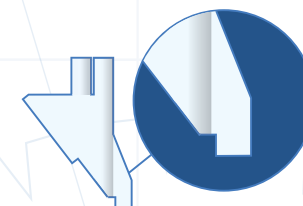
SOIL DISTURBANCE

- The shape and form of our **vertical design** isn't simply the most stylish profile available, it's practical too.
 - By causing the soil to be split, we nearly eliminate the throw that comes with bulkier horizontal openers reducing your risk of not retaining enough soil to cover the seed or cause stepping.



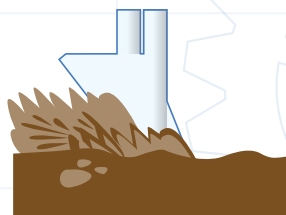
NO-PLUG TECHNOLOGY

- 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 actually precipitate the mud curl travelling up and into the rear of the opener.
- Our **vertical design** produces a larger seed gallery, ensuring the seed drops freely onto the seedbed, minimizing internal plugging.



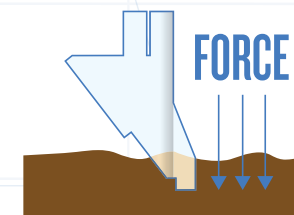
TRASH CLEARANCE

- Our **vertical** installation and smooth body is a huge asset when it comes to trash clearance.
- Trash rides up the point and clears around the vertical rounded seed tube.



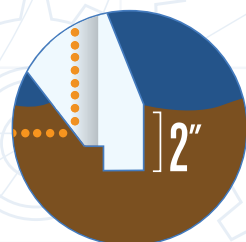
SOIL PENETRATION

- **Vertical design** simply uses the weight of your drill to **penetrate the ground** at the smallest point on your opener—the tip.
- With horizontal openers, you are attempting to puncture hardpan with the widest part of the tool.



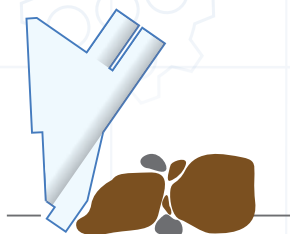
DRAFT

- With the **cost of fuel** increasing, reducing draft is of the utmost importance.
- With Atom-Jet you won't be forced to seed deeper to place the seed where it needs to be, increasing the load on your tractor and implement.
- Our **streamlined design** keeps you moving **economically** across the field.



ROCKS

- As "C"-Shanks trip, the opener actually goes deeper into the ground before coming up and out.
 - This action turns horizontal designs into some of the best rock picking tools available, placing huge amounts of stress on drill frames and shanks.
- By developing our openers to have a flatter design at the point, it produces a shape that is more likely to **float across** the top of the stone, rather than hook or pull it up into your field.



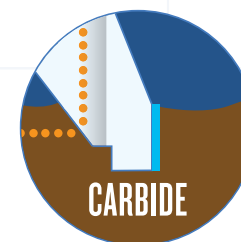
MAINTAINABLE

- Atom-Jet openers are formed from quality steel plate and fortified with high-grade hard surfacing.
 - This presents producers with the ability to extend the life of their purchase through the replacement of points, wings and tops.
- All hard surfacing can be **renewed** to its original condition.
 - If you can weld, hard surfacing can be done yourself or send the opener to us and we will recondition it for you.



CARBIDES

- For over 20 years we have delivered the ultimate in carbide technology to producers around the globe.
- With continued research into grade, shape and installation techniques, we continue our never ending quest to **innovate better tools**.
- Compare us to the competition and see for yourself why Atom-Jet is the driving force in carbide technology.



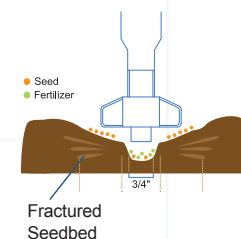
CHUTE SIZE

- The vertical design allows for a **large open gallery** right behind the point, minimizing plugging.
 - In comparison to our competitors, Atom-Jet has the advantage of the largest seed gallery.
- Double shoot openers that direct seed to the side have a **large seed chute**.
 - This allows for seeding of broader seeds such as peas and beans.
 - The large chute allows the seed to easily get around the bend, reducing the risk of plugging.



CONCERNS WITH LOWER POINT OPENERS

- Fractures the soil allowing the escape of moisture content.
- Risk of uneven germination.
- Potential for seed to mix in with fertilizer as the seed rolls down the shoulder of the furrow.
- Increased soil throw.

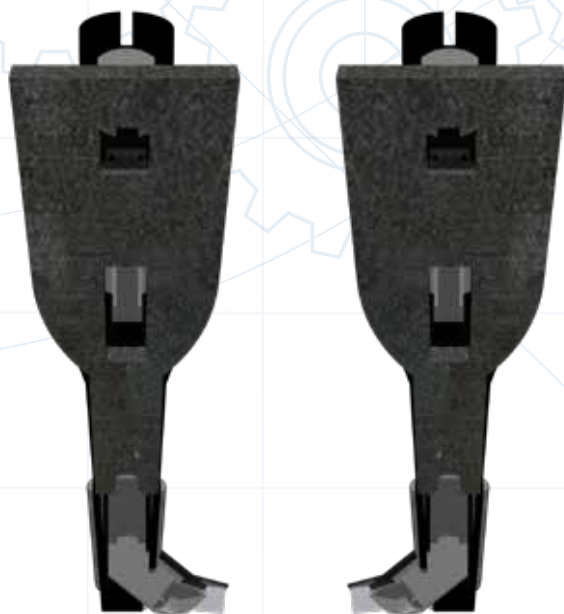


THINGS TO KNOW

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 the 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 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.

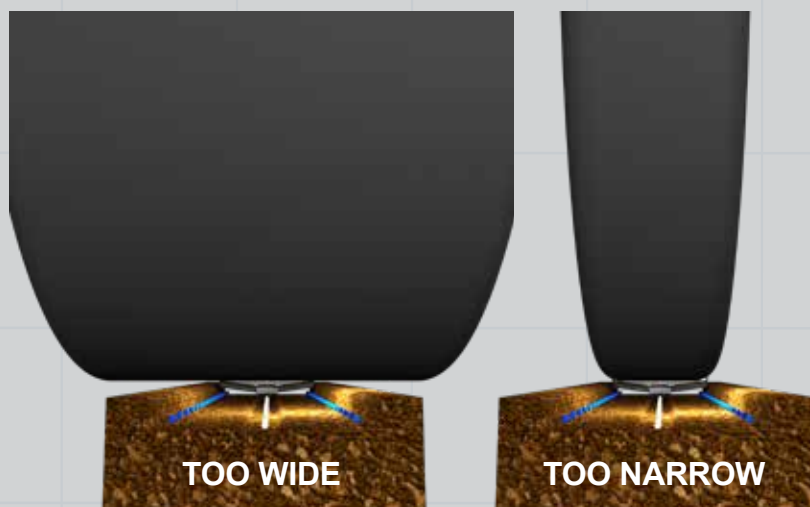


LEFT SCRAPER

RIGHT 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 0.5" 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.



TWIN BAND OPENERS

Atom-Jet's line of Twin Band openers places seed and NH₃ on the same plane. During seed placement, the seed is directed opposite the NH₃, providing excellent separation and seed safety. Because they're on the same plane, seed-to-soil contact is superior and seedbed fracturing is effectively non-existent. The NH₃ wing is slightly tilted down to improve furrow closing speed, ensuring that NH₃ stays sealed in the ground where it's needed.

The design of the Twin Band not only allows for excellent separation between seed and NH₃, but the additional third chute in the middle of the furrow allows for a band of granular fertilizer to be placed down between the seed and NH₃ bands making this a true triple-shoot opener.

Twin Bands provide a cost-effective and trustworthy alternative solution to Mid-Row Banders.

INSTALLATION INFORMATION

For more information and tips to properly install your openers, follow the links below:



INSTALLATION GUIDES

[agriculture.atomjet.com/
installation-guides-for-seed-openers/](http://agriculture.atomjet.com/installation-guides-for-seed-openers/)



CNH PRECISION DISC SCRAPERS INSTALLATION VIDEO

www.youtube.com/watch?v=kLKRmfZBGh0

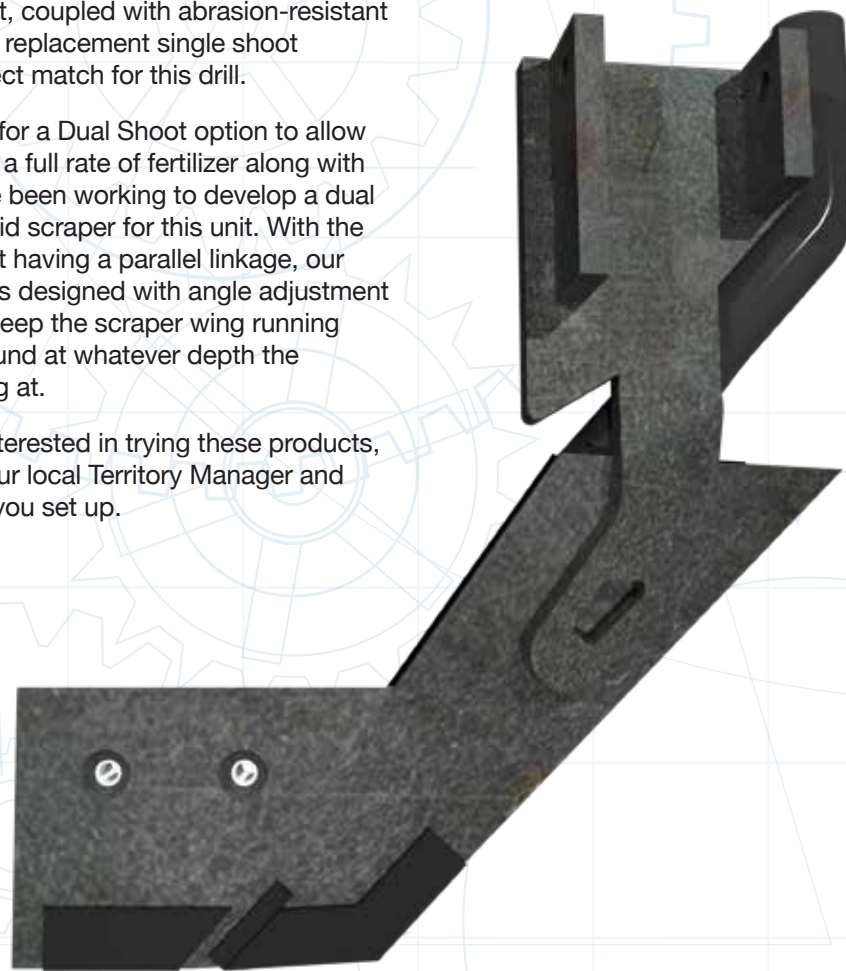
JOHN DEERE SCRAPERS

After releasing our line of Single and Dual Shoot scrapers for the CNH Precision disc drills, users of the John Deere 1890 disc drills came to us looking for a similar system for their drills.

Atom-Jet's Research and Development team has been working on longer-lasting replacement single shoot scrapers for the John Deere 1890. Optimized carbide placement, coupled with abrasion-resistant plating makes our replacement single shoot scrapers the perfect match for this drill.

For users looking for a Dual Shoot option to allow them to put down a full rate of fertilizer along with the seed, we have been working to develop a dual shoot scraper liquid scraper for this unit. With the 1890 row units not having a parallel linkage, our scraper package is designed with angle adjustment in the scraper to keep the scraper wing running parallel to the ground at whatever depth the operator is running at.

If you would be interested in trying these products, please contact your local Territory Manager and they will help get you set up.



R&D INFORMATION

REPLACEABLE POINT OPENERS

Atom-Jet is launching the first of our upcoming line of vertically designed openers with a fully replaceable point. Our new cast point mounts with a single bolt through the top of the cast cap that allows for easy installation and removal when it comes time to change points. No worrying about spring pins jamming, or a rusted roll pin through the side of the point. Just cut the head off the bolt and the point drops out of the cap. Initial limited release of our $\frac{3}{4}$ " wide Single Shoot opener this year, with the release of future product lines in upcoming years.



Opener Type	Part Number
C-Shank	ZT-CCAAR0
Bourgault Paralink / Morris Maxim	ZT-CDAAR0
Morris Contour & Quantum	ZT-CAAAR0
CNH Flex Hoe	ZT-CBAAR0
Concord	ZT-CHAAR0

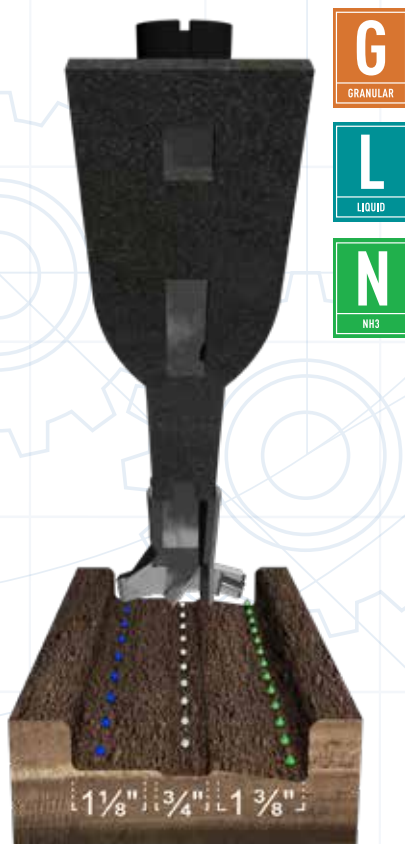
ROW CLOSERS

Following the launch of our Row Closers for Bourgault Paralink, Atom-Jet has worked to design a set of closers for the CNH Flex Hoe and Morris Contour 1, 2, and Quantum air drills. These discs mount to the shank to catch the soil thrown by the openers and place it back into the furrow ahead of the packer tire. This allows operators to use wider openers at increased operation speeds while still leaving a smooth field finish.



SEED PLACEMENT

TWIN BAND



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

SIDE BAND GRANULAR



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

SINGLE SHOOT SPREAD



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

SIDE BAND LIQUID



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

PAIRED ROW GRANULAR



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

SINGLE SHOOT



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

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

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

PAIRED ROW LIQUID



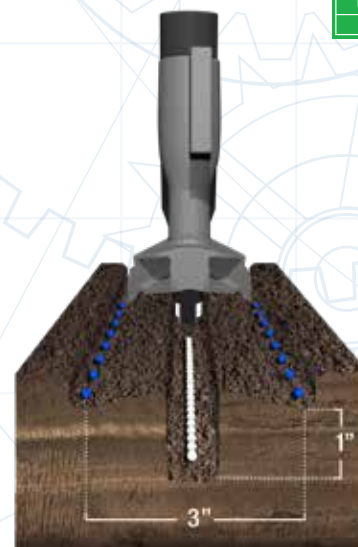
- Firm seedbed produces superior seed to soil contact
- Even germination
- Consistent placement of fertilizer separating it from the seed

CONSERVAPAK SINGLE SHOOT



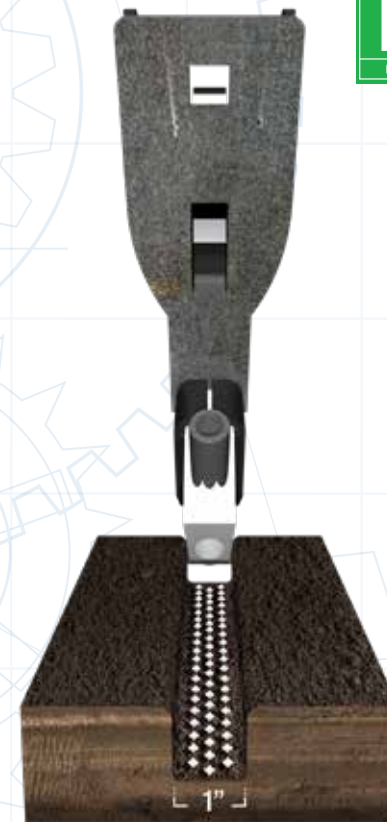
- Carbide protected point and chute
- Seed is placed on a shelf above the fertilizer
- Seed boot design allows for increased soil coverage

CONSERVAPAK PAIRED ROW



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

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

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

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 a one-pass application
- Excellent seed-fertilizer separation
- Seed is placed accurately on a shelf created by the wing

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

OPENERS FOR C-SHANK

Atom-Jet openers are compatible with all varieties of C-Shank drills. With 30 years of 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



Dan Adamson

Danval Stock Farms Ltd., Sedgewick, AB

“ We tried the competition but found Atom-Jet had superior seed placement and emergence as well as less soil disturbance. Atom-Jet openers pull much easier and this saves us time and money. ”



Dan is running Atom-Jet Twin Band openers on two 62' John Deere 1830 drills. He puts down 90 lbs. of dry fertilizer, as well as 65 lbs. of NH3 with his seed.

ALL MOUNTING
HARDWARE INCLUDED



C-SHANK 3" PAIRED ROW GRANULAR

CCDTD0



C-SHANK SIDE BAND .500 NH3

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



C-SHANK PAIRED ROW LIQUID .250

3" CCDTD0
4" CCETEM



C-SHANK SINGLE SHOOT SPREAD

3" CCBTD0
4" CCCTE0



C-SHANK SINGLE SHOOT

1" CCAC00
3/4" CCAA00



C-SHANK



C-SHANK TWIN BAND

Left CCHTF0
Right CCHTG0



C-SHANK SINGLE SHOOT FRONT DELIVERY SPF

1" CCAC0W



C-SHANK SIDE BAND LIQUID .250

1" Left CCFC A0
Right CCFC B0
3/4" Left CCFA A0
Right CCFA B0



C-SHANK TWIN BAND MAXQUIP

Left CCHTF L
Right CCHTG L



C-SHANK SIDE BAND LIQUID .375

1" Left CCFC A A
Right CCFC B A
3/4" Left CCFA A A
Right CCFA B A



C-SHANK HIGH RATE SIDE BAND

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



C-SHANK 4" PAIRED ROW GRANULAR

CCETE0



C-SHANK SIDE BAND GRANULAR SPF .375

1" Left CCGCAD
Right CCGCBD
3/4" Left CCGAAD
Right CCGABD



C-SHANK SIDE BAND GRANULAR

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



C-SHANK HIGH RATE SIDE BAND LIQUID

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

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 newly launched 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



Byron Redlick
Biggar, SK

“ We have Atom-Jet Twin Band openers on our Morris Contour 1. Our soil type is loam to sandy loam. We typically put 100 lbs of NH₃ down when seeding canola and have not seen any germination problems. Durability has been excellent as we have approximately 15,000 acres on these openers with minimal resurfacing. Due to the vertical design they pull easier, saving on fuel, and they do not pull as many rocks as our previous openers. I would certainly recommend these openers to anyone wanting a durable, easy pulling opener with good seed and fertilizer placement. ”

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ALL MOUNTING
HARDWARE INCLUDED



MORRIS CONTOUR 3" PAIRED ROW GRANULAR OPENER

CADTD0



MORRIS CONTOUR SINGLE SHOOT

1" CAAC00
3/4" CAAA00



MORRIS CONTOUR SIDE BAND LIQUID .250

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



MORRIS CONTOUR HIGH RATE SIDE BAND LIQUID

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



MORRIS CONTOUR SIDE BAND GRANULAR

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





MORRIS CONTOUR 1/2" SINGLE SHOOT OPENER

With patented carbide insert.
Pictured with 1/4" SPF tube.
CAAS00C



MORRIS CONTOUR HIGH RATE SIDE BAND

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



MORRIS CONTOUR TWIN BAND

Left CAHTF0
Right CAHTG0

1/2" 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 LIQUID

CADTDM

MORRIS CONTOUR SINGLE SHOOT SPREAD

3" CABTD0
4" CACTE0



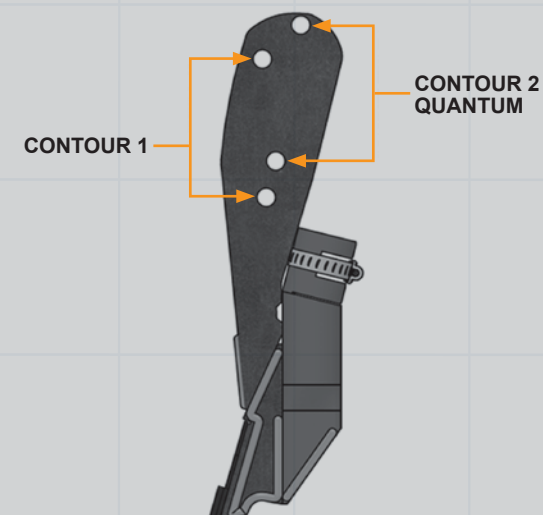
MORRIS CONTOUR 4" PAIRED ROW

Liquid CAETEM
Granular CAETE0



MORRIS CONTOUR & QUANTUM 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.



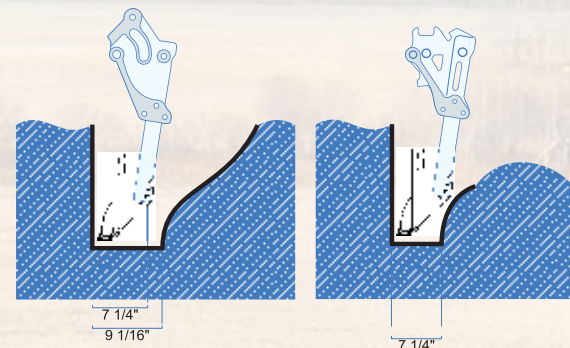
OPENERS FOR BOURGAULT PARALINK

Atom-Jet's R&D team have 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 versus 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

Atom-Jet Openers fit within the design tolerances of Bourgault Paralink drills.



Opener must fit within space allowed by the manufacturer.



Ernie Warkentin
DeBolt, AB

“ We currently have four drills with Atom-Jet High Rate Side Band openers. We've used their openers in the past and found them to be durable. The same-plane configuration is a benefit, putting the seed and fertilizer at the same level in the ground means that we can put the product in a little shallower and not worry about digging up the real wet soil below. I'd recommend Atom-Jet openers, we like what we've seen. ”



ALL MOUNTING
HARDWARE INCLUDED



BOURGAULT PARALINK HIGH RATE SIDE BAND

1" Left CDGCX0
Right CDGKY0
3/4" Left CDGAX0
Right CDGAY0



BOURGAULT PARALINK HIGH RATE SIDE BAND LIQUID

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



BOURGAULT PARALINK SINGLE SHOOT

1" CDAC00
3/4" CDAA00



BOURGAULT PARALINK PAIRED ROW GRANULAR

4" CDETE0



BOURGAULT PARALINK SIDE BAND LIQUID .250

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





BOURGAULT PARALINK TWIN BAND

Left CDHTF0
Right CDHTG0

BOURGAULT PARALINK SIDE BAND GRANULAR

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



BOURGAULT PARALINK PAIRED ROW LIQUID .250

3" CDDTDM
4" CDETEM



BOURGAULT PARALINK SINGLE SHOOT SPREAD

3" CDBTD0
4" CDCTE0



BOURGAULT PARALINK PAIRED ROW GRANULAR

3" CDDTD0



BOURGAULT MID ROW BANDER SERIES 3 SCRAPER (COMPLETE WITH ARM)

NH3 Tubes

0.250"	Left	DMEL12C	Right	DMER12C
0.375"	Left	DMEL13C	Right	DMER13C
0.500"	Left	DMEL14C	Right	DMER14C

Max-Quip Tube

0.085"	Left	DMEL28C	Right	DMER28C
--------	------	---------	-------	---------

All scrapers come with a 1/4" NH3 tube and a tube adapter to match incoming lines.



*Pictured with
add-on vapour line*

BOURGAULT MID ROW BANDER SERIES 3 SCRAPER (SCRAPER ONLY)

NH3 Tubes

0.250"	Left	DMEL12	Right	DMER12
0.375"	Left	DMEL13	Right	DMER13
0.500"	Left	DMEL14	Right	DMER14

Max-Quip Tube

0.085"	Left	DMEL28	Right	DMER28
--------	------	--------	-------	--------



BOURGAULT MID ROW BANDER SERIES 3 SCRAPER MOUNTING ARM

Left	DMZDNCL	Right	DMZDNCR
------	---------	-------	---------



*Pictured with
add-on vapour line*

BOURGAULT MID ROW BANDER SERIES 2.5 SCRAPER (COMPLETE WITH SHAFT)

NH3 Tubes

0.250" Left	DMEL12C25	Right	DMER12C25
0.375" Left	DMEL13C25	Right	DMER13C25
0.500" Left	DMEL14C25	Right	DMER14C25

Max-Quip Tube

0.085" Left	DMEL28C25	Right	DMER28C25
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BOURGAULT MID ROW BANDER SERIES 2.5 SCRAPER MOUNTING ARM

Left	DMZDNCL25	Right	DMZDNCR25
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As a result of growers approaching Atom-Jet with concerns about NH3 "gassing off" leading to environmental and safety issues, as well as the increased cost from wasted product, Atom-Jet has developed a replacement scraper for the mid row banding discs on Paralink drills. After extensive field testing, we are pleased to launch our new line of mid row banding scrapers.

- New scraper profile results in minimal gassing off
- Use of abrasion resistant materials and strategic carbide placement extends scraper life
- Side wing directs NH3 away from the disc, preventing it from freezing up
- Designed so the scraper can be moved up as the disc wears maintaining consistent depth
- 0.250" NH3 tube (includes fittings to match incoming lines)



BOURGAULT PARALINK ROW CLOSERS

RDX000



Jonah Genick
Gilbert Plains, MB

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.

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. ”

“ 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



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

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. 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



Wayne Johnson
WEJCO Farms Inc., Stanley, ND

“ Surprisingly I’m very satisfied. I was very skeptical at first, but over the last three years I have raised some of the best crops I’ve ever had. In canola I can do a true one-pass seeding operation, putting down all my “N” in the form of anhydrous and using the granular tube for my “P” and “Sulfur”, with the seed out the third shoot. I’ve never seen any seed damage, even when using very high rates of “N”. These openers saved me an additional pass for broadcasting the granular products, an additional savings of \$20 plus per acre. They stand up very well; in the three seasons I’ve used them, I’ve only broken a single opener, and I farm some rocky ground. If someone were to ask me what openers I’d purchase on my next drill, it would be the Atom-Jet Twin Band openers. ”

ALL MOUNTING
HARDWARE INCLUDED



CNH FLEX HOE SIDE BAND GRANULAR

1" Left CBGCA0
Right CBGCB0
3/4" Left CBGAA0
Right CBGAB0



CNH FLEX HOE HIGH RATE SIDE BAND

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



CNH FLEX HOE PAIRED ROW

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



CNH FLEX HOE SIDE BAND LIQUID .250

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



CNH FLEX HOE SINGLE SHOOT

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



CNH FLEX HOE HIGH RATE SIDE BAND LIQUID

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



CNH FLEX HOE TWIN BAND

Left CBHTF0
Right CBHTG0



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



Bob Wiens
Domain, MB

“ We run a 50-foot Concord with 10-inch spacing in the Red River Valley clay southwest of Winnipeg. When our soil is wet, it is miserable to work with. The main benefit of the Atom-Jet openers is less plugging in the heavy soils. With our previous openers, the soil would stick, and plugging problems were an issue. In comparison to previous openers the Atom-Jet openers were able to run a bit shallower, which made it easier to pull. I would definitely recommend Atom-Jet openers to others because they don't plug on us. ”

ALL MOUNTING
HARDWARE INCLUDED



CONCORD EDGE ON SINGLE SHOOT SPREAD

3" CHBTD0
4" CHCTE0



CONCORD EDGE ON TWIN BAND

Left CHHTF0
Right CHHTG0



CONCORD EDGE ON SINGLE SHOOT

1" CHAC00
3/4" CHAA00



CONCORD EDGE ON SIDE BAND GRANULAR

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



CONCORD HIGH RATE SIDE BAND LIQUID

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



CONCORD EDGE ON PAIRED ROW

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



CONCORD EDGE ON SIDE BAND LIQUID .250

1" Left CHFCA0
Right CHFCE0
3/4" Left CHFAA0
Right CHFAB0



CONCORD EDGE ON

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.



Jeff Hoffmann
Anaheim, SK

“ I have been using the Atom-Jet side band openers for the last eight years on my Morris Maxim II air drill. They were extremely easy to install. I farm in heavy black soil and feel the wear on the opener is exceptional. They have performed very well using different rates of seed and dry fertilizer. Plugging has never been an issue with them in any soil conditions that I have used them in. They cut a nice level furrow and I feel my seed and fertilizer placement has been more accurate therefore giving me a nice, even emergence. I will continue to use and recommend them in the future. ”



ALL MOUNTING
HARDWARE INCLUDED



MORRIS MAXIM SIDE BAND GRANULAR

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



MORRIS MAXIM TWIN BAND

Left CDHTF0
Right CDHTG0



MORRIS MAXIM HIGH RATE SIDE BAND

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



MORRIS MAXIM SIDE BAND LIQUID .250

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



MORRIS MAXIM SINGLE SHOOT SPREAD

3" CDBTD0
4" CDCTE0



MORRIS MAXIM SINGLE SHOOT

1" CDAC00
3/4" CDAA00



MORRIS MAXIM PAIRED ROW

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



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



Andrew Mazer
Kemnay, MB

“ We farm 10,000 acres in Kemnay, Manitoba. We have had Atom-Jet openers for two years. We switched after we had used a lot of different openers. With Atom-Jet being a local company, we know the engineers who make a well thought out, high quality, and durable product. Compared to other openers, Atom-Jet's durability is above standard. With Atom-Jet, we replace less openers per year compared to other brands. The Atom-Jet openers have fantastic seed placement. The trash clearance on these boots is exceptional; we have never experienced any problems with them in that sense. They are a fantastic boot. I would recommend Atom-Jet openers due to their quality of build and their very advanced design. ”



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ALL MOUNTING
HARDWARE INCLUDED



CIH 700/NH P2060 EDGE ON TWIN BAND

Left CHHTF0
Right CHHTG0



CIH 700/NH P2060 EDGE ON SIDE BAND GRANULAR

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



CIH 700/NH P2060 EDGE ON SINGLE SHOOT

1" CHAC00
3/4" CHAA00



CIH 700/NH P2060 EDGE ON SINGLE SHOOT SPREAD

3" CHBTD0
4" CHCTE0



CIH 700/NH P2060 EDGE ON PAIRED ROW

3" Granular CHDTD0
Liquid CHDMD0
4" Granular CHETE0
Liquid CHETEM



CIH 700/NH P2060 HIGH RATE SIDE BAND LIQUID

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



CIH 700/NH P2060 EDGE ON SIDE BAND LIQUID .250

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



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.



Logan Sadowick
Colonsay, SK

“ I farm 2300 acres in Colonsay, SK. I've been using Atom-Jet openers for about nine years now and I just put on my second set last year. I like the even emergence on my field, it's important to get every plant at the same stage early on and Atom-Jet really does that for me. The Atom-Jets are really nice for getting rid of trash, I don't think I've plugged a single one this year. If someone asked me about Atom-Jet openers I would definitely recommend them as they're a great product. ”

ALL MOUNTING
HARDWARE INCLUDED



VERSATILE PAIRED ROW

3"	Granular	CVDTD01
	Liquid	CVDTDM1
4"	Granular	CVETE01
	Liquid	CVTEM1



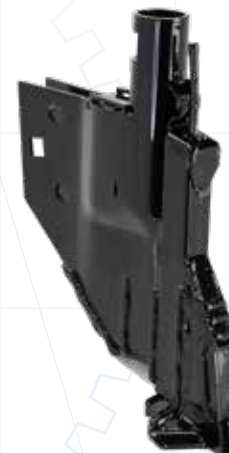
VERSATILE SINGLE SHOOT

1"	CVAC00
3/4"	CVAA00



VERSATILE SINGLE SHOOT SPREAD

3"	CVBTD0
4"	CVCTE0



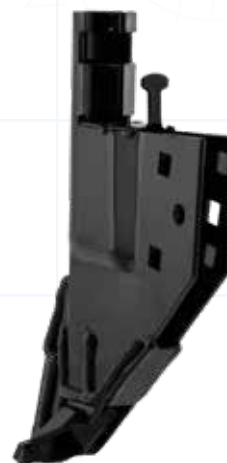
VERSATILE HIGH RATE SIDE BAND LIQUID

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



VERSATILE SIDE BAND LIQUID

3/4"	Left	CVFAA0
	Right	CVFAB0



VERSATILE SIDE BAND GRANULAR

3/4"	Left	CVGAA0
	Right	CVGAB0



VERSATILE TWIN BAND

Left	CVHTF0
Right	CVHTG0



VERSATILE

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



Evan Elliott
Reston, MB

“ We farm 6,000 acres of Newdale clay with three Concord drills at Reston, MB where in the last five years it has been wetter than you would believe. We chose Atom-Jet openers because there is less soil disturbance. Some of the other brands left a rough finish, making it hard on the combine and swather. Our current openers have been on since 2011. Trash clearance on the openers is very good. We have gone through some very thick cattails where only a few wrapped around the shank, but no openers plugged. The vertical design helps with trash clearance as there is nothing for the trash to hang up on. I would recommend Atom-Jet openers as they are easier to pull, with good trash clearance and leave the field with a smooth finish. ”



ALL MOUNTING
HARDWARE INCLUDED



CASE IH 7200/8500 LIQUID

Left ECFAA0
Right ECFAB0



CASE IH 7200/8500

ECAB00



MORRIS MH 310/3100

ELAA00



JOHN DEERE 9300/9400 LIQUID

Left EJFJA0
Right EJFJB0



VERSATILE/ NOBLE

EPAB00



MORRIS M11 SEED RITE

$\frac{3}{4}$ " EMAB00
1" EMAC00



JOHN DEERE 9300/9400

$\frac{3}{4}$ " EJAJ00
1" EJAK00



PRECISION DISC SCRAPERS FOR CASE IH 500/NH P2080

The Case IH 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



Roger Bendickson
Garrison, ND

“ 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. ”



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ALL MOUNTING
HARDWARE INCLUDED



SINGLE SHOOT SCRAPER

Left DECL00
Right DECR00



GET THE EDGE
INGERSOLL®

A GROWING BRAND OF AGRISOLUTIONS

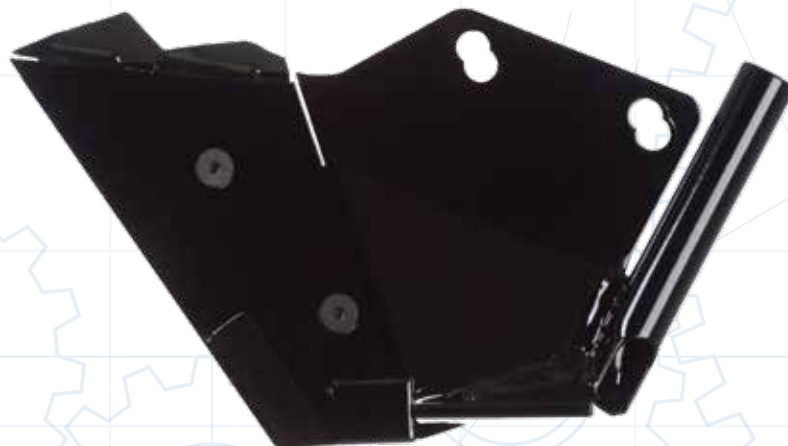
Atom-Jet is pleased to carry high-quality, North American made, Ingersoll Discs for Case PD500 and NH P2080 disc drills.

ZT-DEDISK



Dustin Williams
Souris, MB

“ We farm cereals and oil seeds. The soil type here is a sandy loam soil mainly, with a rolling topography, and fairly dry. This is our second year with the Atom-Jet scrapers. We made the switch to have side-banding capabilities for liquid fertilizer. The scrapers have been excellent. They are great at clearing trash, and we’ve had no plugging problems so far despite cutting through many different stubble conditions. Some of the benefits of using the Atom-Jet scrapers are the ability to side band our liquid fertilizer, the durability and longevity of the scraper, and supporting a local business. ”



DUAL SHOOT GRANULAR SCRAPER

Left DEAL00
Right DEAR00



DUAL SHOOT LIQUID SCRAPER

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

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



CNH PRECISION DISC MAIN HINGE PIN

DEPP00
To replace CNH Part: 47359245



CNH PRECISION DISC PARALLEL LINKAGE PIN

DEPP01
To replace CNH Part: 84605521



CNH PRECISION FIRMING WHEEL

DEFL00
DEFR00

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



SCRAPERS FOR CASE IH SDX SYSTEMS

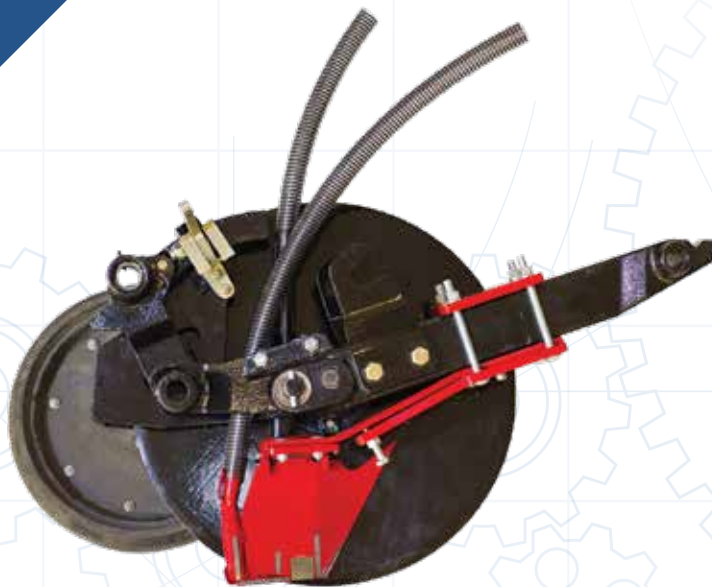
When producers need to reshape their drills into a one pass double-shoot system they came to Atom-Jet to develop a solution. Faced with a challenge, the R&D team, working together with farmers were able to provide a system to allow growers to double shoot with the SDX drill. The scrapers have all the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



Mike Kula
Gettysburg, SD

“ The Atom-Jet SDX Double Shoot scrapers are a big timesaver! I get all of my fertilizer down in one pass when seeding winter wheat so I don't have to come back and top dress in the spring. The fertilizer is placed below the seed where you get the most out of it and helps produce the greatest yield. The openers work very well in both wet and dry seeding conditions. Atom-Jet visited my farm and helped me make sure the openers were set right and answered all of my questions. I would recommend these openers to anyone. I can't wait to get the new drill I just purchased with Atom-Jet SDX Double Shoot openers in the field. ”

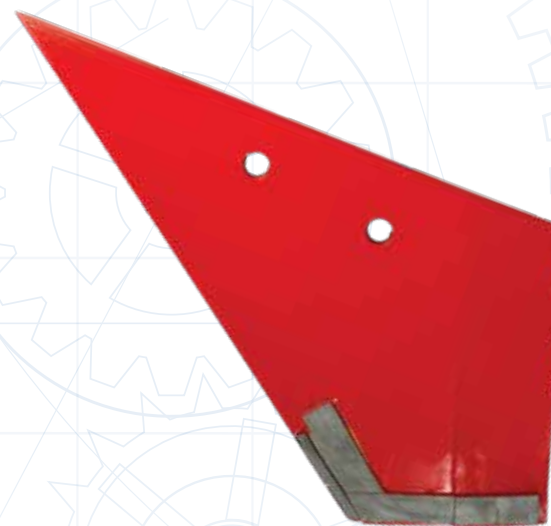
ALL MOUNTING
HARDWARE INCLUDED



GRANULAR Left DAAL00 Right DAAR00
LIQUID Left DABL00 Right DABR00

SDX PRECISION DISC DOUBLE SHOOT SYSTEM

- 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



Left DACL00 Right DACR00

SDX CARBIDE SCRAPER

- Carbide Protection
- Increased Scraper Life
- Reduced Time Changing Scrapers
- Same Size as OEM Scraper

“ 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-Jet's on our SDX was the best decision we have made on our farm in a long time. ”

Rick Zesko
Rycroft, AB



CASE IH SDX

OPENERS FOR JOHN DEERE 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





John Wilson
Redvers, SK

“ I farm about 1,300 acres, and do custom work for up to 5,000 acres. I looked at all the competitors and Atom-Jet was the one that I liked. They made the ConservaPak Fertilizer Knife and I was one of the first ones to get it and I'm 100% delighted with it. It's done everything that I thought it would do, and my customers that I seed for are delighted with how the seed is emerging too. The build quality is really good. They've got a lot of carbide on it and wear very little. They are more open at the back so they don't plug. I would highly recommend Atom-Jet openers to anyone. ”

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ALL MOUNTING
HARDWARE INCLUDED



CONSERVAPAK 1/2" FERTILIZER KNIFE

Granular CPAW00



CONSERVAPAK 1/2" FERTILIZER KNIFE

Granular & NH3
1/4" Tube CPAW12
3/8" Tube CPAW13
1/2" Tube CPAW14



CONSERVAPAK 1/2" FERTILIZER KNIFE

Liquid
1/4" Tube CPAW32
3/8" Tube CPAW33
1/2" Tube CPAW34



JOHN DEERE 1870 CONSERVAPAK



CONSERVAPAK 3\"/>

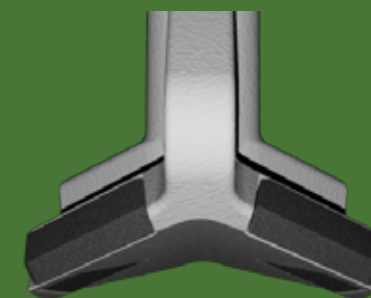
CPD000



CONSERVAPAK 4\"/>

CPE000

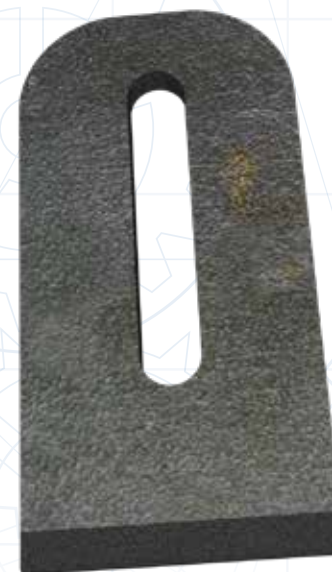
Our Paired Row cup is specially designed with a curved underside to help close the fertilizer trench to prevent nitrogen burn. The added carbide wear tiles on the underside of the cup protect against the additional pressure of forcing the furrow closed. With our standard carbide protection on the leading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





CONSERVAPAK SINGLE SHOOT SEED BOOT

CPAA00



CONSERVAPAK MUD SCRAPER

CPMS00

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

- Long lasting carbide protection
- Easy installation
- OEM replacement



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 $\frac{3}{4}$ " 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
- $\frac{1}{2}$ " 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



Malcolm Murray
Neepawa, MB

“ 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. ”





FRONT MOUNT NON-FREEZE

KBBN4C



FRONT MOUNT REGULAR

KBBR4C



SIDE MOUNT NON-FREEZE

13" KA3N40
15" KA5N40
17" KA7N40



SIDE MOUNT REGULAR

13" KA3R40
15" KA5R40
17" KA7R40



KNOCK-ON NON-FREEZE

Nichol KBBN40XK2
BOR 200 KBBN40XK3
BOR 400 KBBN40XK4

NEW PRODUCT DEVELOPMENT

STRIP TILL 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.



POTATO 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 & tiller tines that last up to eight times longer than others on the market.



Tyler Knutzen
Burlington, WA

“ Knutzen Farms have been using Atom-Jet tines on our hillers and tillers for two years and we are very impressed. They have outlasted the OEMs and we will still get two more years out of the Atom-Jets. ”

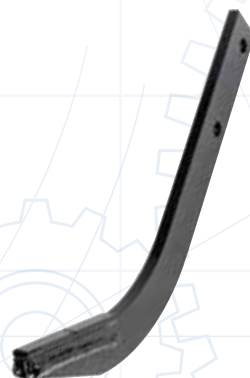
Knutzen Farms plants 1000 acres of potatoes near Burlington, Washington.





STRUICK POWER HILLER TINE

$\frac{3}{8}$ " \times 8.75"
PA1TF0



STRUICK POWER HILLER TINE

$\frac{3}{8}$ " \times 13.88"
PG1TF0



BAUMAN POWER HILLER TINE

$\frac{3}{8}$ " \times 12.50"
PC1TF0



BASELIER POWER HILLER TINE

$\frac{1}{2}$ " \times 15.40"
PB2TF0



RUMPSTAD POWER HILLER TINE

$\frac{3}{8}$ " \times 10.65"
PD1TF0



RUMPSTAD POWER HILLER TINE

$\frac{3}{8}$ " \times 12.88"
PD2TF0

HYDRAULICS

CLOSED-CENTER SYSTEM

FOR HIGH-DEMAND APPLICATIONS

Our Closed-Center, Load-Sensing 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, we ensure you won't be left short when you need power.

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





Atom-Jet Hydraulic Kits are manufactured by the experts at our Glendale Industries facility, 1520 Charles Street, Brandon, MB.

TRACTOR MODELS AVAILABLE

Versatile	750, 800, 825, 835, 850, 855, 875, 895, 900, 935, 945, 950, 955, 975	
Ford/Versatile Designation 6	936, 946, 956, 976 (with 855 Cummins Engine only)	
Case STX (2001-11 models)	375, 380, 425, 430, 440 (with 6-bolt PTO cover), 450, 480, 500, 530	NEW PRODUCT LAUNCH
Case Steiger	380, 385, 430, 435, 480, 485, 530, 535	NEW PRODUCT LAUNCH
New Holland (2001-11 models)	TJ 375, TJ 380, TJ 425, TJ 430, TJ 450, TJ 480, TJ 500, TJ 530, T9030, T9040, T9050, T9060	NEW PRODUCT LAUNCH

OPTIONAL UPGRADES

Quick Couplers	$\frac{3}{4}$ "
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 Gallon Per Minute
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

HYDRAULICS

OPEN-CENTER SYSTEM

FOR BASIC APPLICATIONS

Our Open-Center hydraulic 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 ranges of 18, 23 and 26 gpm at 3,000 psi.

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.



Brad Martens
Gladstone, MB

“ The Atom-Jet hydraulic kit for my Case 9280 is very easy to use and install. It came with instructions that made for a very simple installation and setup that didn't take a genius. Atom-Jet has treated us very well with excellent service and communication. We really appreciated Atom-Jet coming to the farm to troubleshoot any concerns we may have had. The kit has given the tractor the ability to do jobs that it couldn't handle before. ”



Atom-Jet Hydraulic Kits are manufactured by the experts at our Glendale Industries facility, 1520 Charles Street, Brandon, MB.

TRACTOR MODELS AVAILABLE

Versatile	750, 800, 825, 835, 850, 855, 875, 895, 900, 935, 945, 950, 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)
Case IH Steiger 9100, 9200 & 9300 Series	Transmission Mount Pump: with Power-Shift Transmission, without PTO or 3-Point Hitch Engine Mount Pump: 855 & N14 Engines

OPTIONAL UPGRADES

Quick Couplers	$\frac{3}{4}$ "
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 Gallon Per Minute Configurations
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

PARTS & ACCESSORIES



A replacement part for non-freeze NH3 Knives with a 1/2" tube. 2 roll pins included.

KZMB40



A replacement part for non-freeze NH3 knives with 2 x 1/2" tubes for vapor

KZMB4V



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

KZMBH0



The bracket that holds the hose as it comes off the non-freeze blade

KZMHB0



The piece of steel that welds onto NH3 knife which the UHMW fits into

KZMUCF



GR8 1/2 x 2 1/2" carriage bolt, lock nut, washer

CZM0AA



GR8 3/8" x 2 1/4" carriage bolt, lock nut

CZM0AB



C-Shank bolt holder for John Deere

CZMFBH



1/4" Shim for a 54° shank

CZNJ00



3/16" Shim for a 47° shank

CZNK00



Hose reducer. Tube spacer for 1 1/4" - 1" hose

CZD0TF



Insulated NH3 insert

CZMFN4



Deflector for John
Deere hoe drill opener
EZDBD0



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.
Piece that separates
seed and fertilizer.
CZLFB0
CZLCB0



C-Shank top
CZTA00



Edge on top
CZTB00



1/8" & 1/4" Max quip
tube
Twin Band CZG0M12
Side Band CZG0N12



1/4" side band liquid
tube for C-Shank /
edge on
CZGFC2



1/4" Side band liquid
tube for contour hoe
Left CZGEC2L
Right CZGEC2R



1/4" paired row liquid
tube
CZGFF2



1/4" paired row liquid
tube for Morris Contour
and CNH openers
CZGEF2



3/8" SPF tube for
C-Shank openers
CZGFA3



Tube separator
CZLFA0



Contour hoe
tube separator
CZLEAF



Focus strip
CZLFF0



Piece of steel welded
on to front of opener
to protect liquid line
from trash
CZD0EF



Hose Size Reducer
CZM0R0

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 through 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.

**Stay in touch with
Atom-Jet Group by scanning
the QR code to join our email list
to receive special offers and news.**
Or visit agriculture.atomjet.com/email-sign-up



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