

Airbar® System



more **yield**
from your **field**

with air-assist harvesting

Primary benefits

Improved feeding

The high-speed airflow keeps the cutting head clear and operating at maximum efficiency reducing equipment wear.

Reduced shatter loss

Air pressure keeps all loose product flowing into the feeder-house preventing these losses and increasing yields by as much as 4 bushels per acre.

Faster ground speed

Improving crop flow across the header, allows for substantial increases in ground speed.

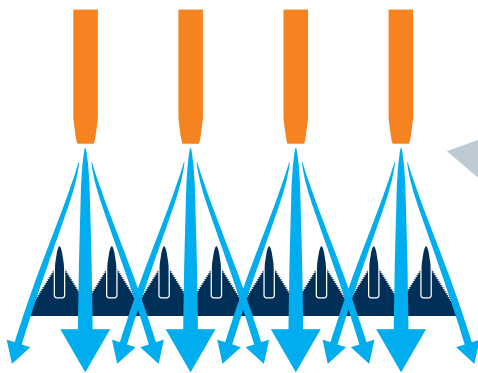
Increased operating efficiency

The S3 AWS Airbar creates a more even flow of material through the feeder-house by eliminating waste-material build up, increasing cutting and feeding efficiency, reducing knife and internal component wear and operating time.

Air-assist harvesting

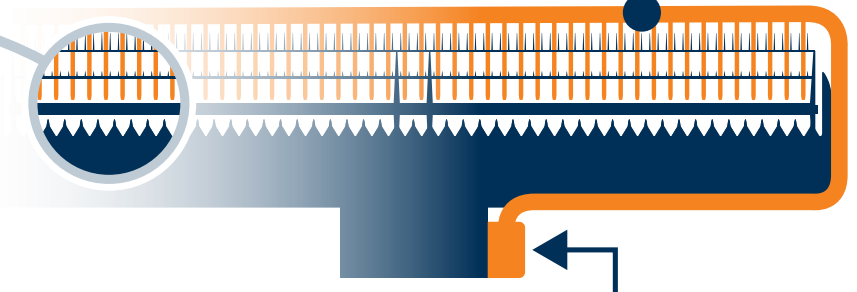
With Soy and Pulse crops, traditional headers incur shatter loss at the knife when loose and low-lying pods are shelled and fall back into the field or are otherwise lost or damaged, leading to loss in profits and reductions in sample quality. Knives are often cluttered with debris, reducing cutting efficiency, creating unnecessary wear, breakage and downtime.

When added to a combine header, the AWS Airbar reduces or eliminates this loss of product and efficiency. The high-velocity air stream that is applied to the knife through the out-front manifold, thrusts these pods and materials across the cutting head and into the feeder-house increasing average yields by as much as 4 bushels per acre.

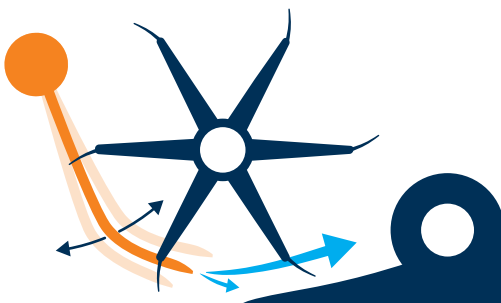


Using a high-powered air stream, the Airbar® System increases the yield from your field by moving crops quickly, away from the knife and onto the header.

The Airbar® System manifold is front-mounted and functions in tandem with the existing reel.



The Airbar® System is driven by a quiet and efficient fan, while a simple and easily serviceable belt-drive system ensures that your harvest stays on track.

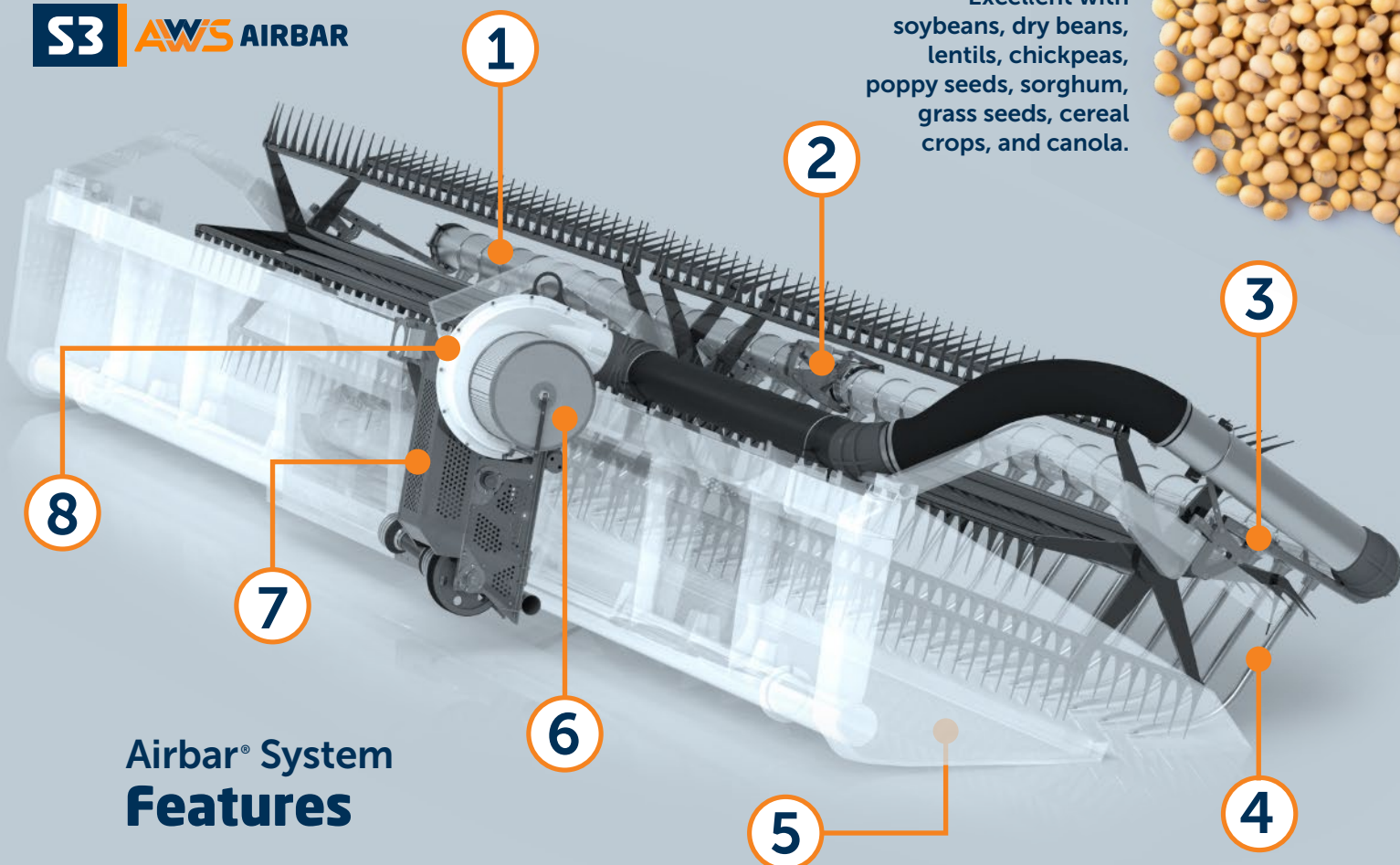


Without Airbar® System



With Airbar® System

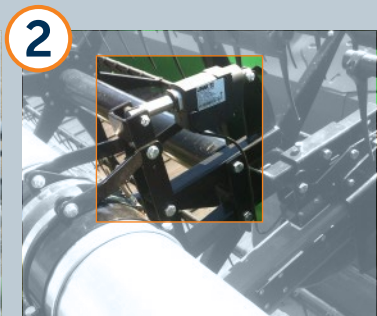
Excellent with
soybeans, dry beans,
lentils, chickpeas,
poppy seeds, sorghum,
grass seeds, cereal
crops, and canola.



Airbar® System Features



View from cab is unobstructed with the air manifold mounted directly in front of the reel.



Adjust nozzle position on the fly using in-cab controls.



Model-specific mount arm brackets allow manifold to move with factory reel adjustment.



Even air flow across knife with equal length nozzles tailored to each header model.



Draper Brush, Sump Saver Stainless Floor Kits are available for a variety of headers.



Reduced trash intake with vertically mounted fan behind the header.



Efficient, reliable and serviceable belt drive fan assembly.



Regulate air volume using in-cab controls.

Airbar® System Draper Header

Brush Kits available

- Longer 48" double-bend nozzles contoured and optimized for more forward positioning of draper headers.
- Powerful airstream further improves advanced feeding capabilities of a draper system.
- Belt and pulley drive system is easily field-servicable with industry standard parts.
- Drive ratio matched to combine model to ensure optimum airflow.
- In-cab control of air throttle & nozzle position.
- 2-piece nozzle construction with durable, lightweight die-cast mounting saddle.
- Rigid, 2 & 3-piece aluminum manifold provides a stable span of even the widest headers.
- Lightweight manifold is designed for specific integration into each combine make and model.
- Does not interfere with with factory reel.



Airbar® System Auger Header

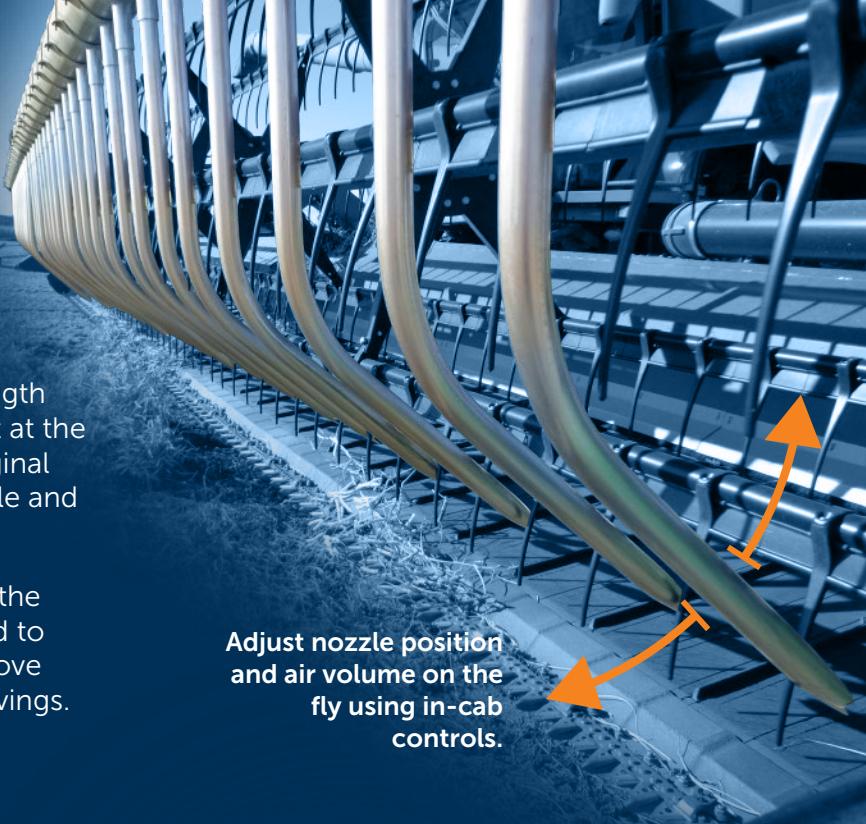
Floor Kits available for select models

- 42" nozzles contoured and optimized for more forward positioning of draper headers.
- Each kit is configured for your specific header allowing for ease of installation and maintaining proper weight balance of the header.
- In-cab control of air throttle & nozzle position.
- Drive ratio matched to combine model to ensure optimum airflow.
- 2-piece nozzle construction with durable, lightweight die-cast mounting saddle.
- Rigid, single-piece aluminum manifold provides a stable span of even the widest headers.
- Belt and pulley drive system is easily field-servicable with industry standard parts.

Airbar® System Nozzle design

The Airbar® System uses a single nozzle length along the reel to provide a uniform air blast at the knife. Nozzle length is configured to fit original equipment reel design to best suit each style and application.

Whether using a standard or flip-over reel, the Airbar® System nozzle is specifically tailored to ensure the air stream can be directed to move your crop to the platform and maximize savings.



Adjust nozzle position and air volume on the fly using in-cab controls.

Airbar® System Fan & chassis

The fans on all Airbar® Systems are powered by an easily accessible and high-efficiency belt-and-pulley drive system. The drive system was engineered to provide a straightforward way of transferring power without creating heat strain.

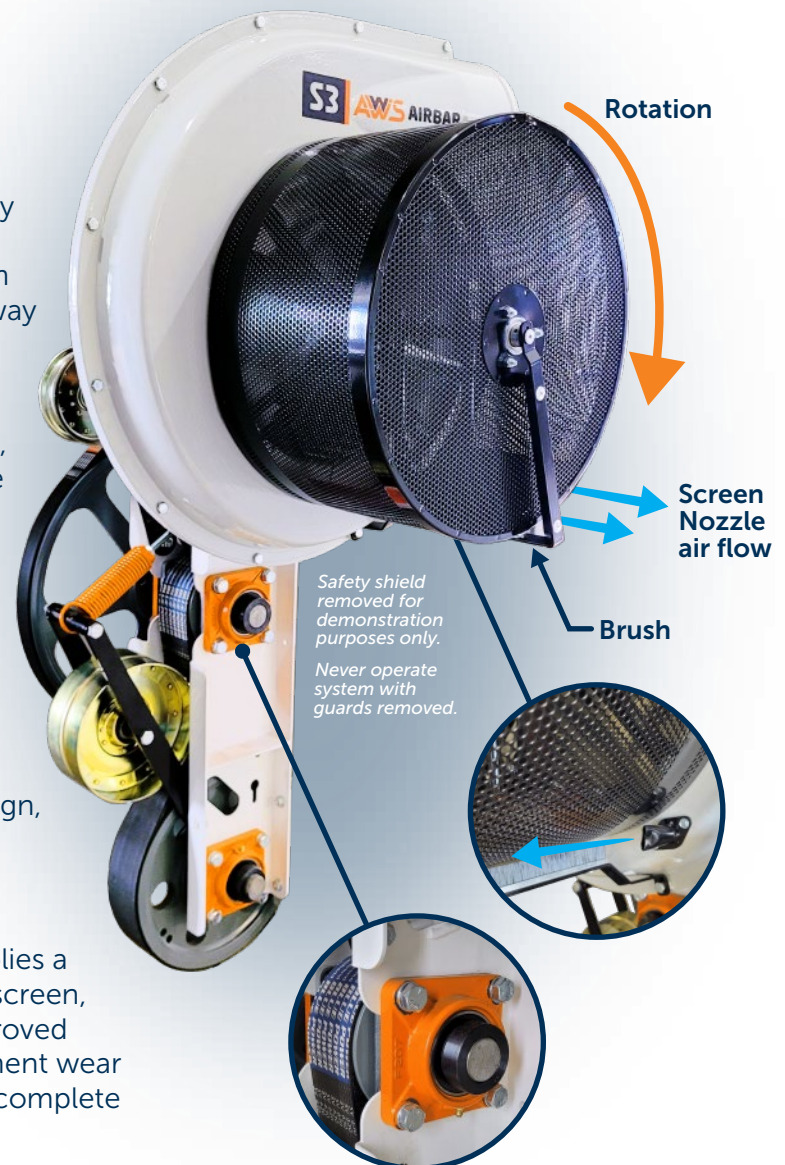
Fabricated from durable light weight materials, the fan is easily mounted and serviced and the simple system design means low operational costs. All Airbar® fan systems are built using industry standard components, that are easily accessible when needed.

Service Master Chassis

Now standard on all complete airbar systems, the updated Service Master chassis utilizes pillow block bearings and a drop in frame design, reducing overall service time by 70%.

Rotary-Screen Nozzle

New for 2022, the Rotary-Screen Nozzle supplies a stream of high velocity air to the rotary intake screen, removing dust and debris. This allows for improved airflow, cleaner sampling and reduced equipment wear and maintenance. This feature is standard on complete 2022 model year systems.

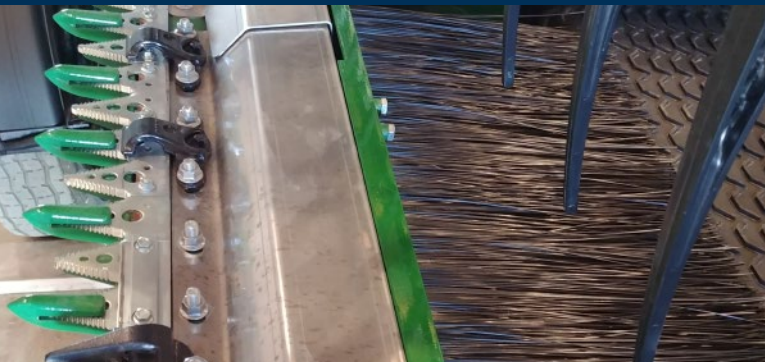


Airbar® System Accessories

Draper Brush Kit

The S3 AWS Airbar® Draper Brush Kit helps maintain consistent canvas tension during harvest. Debris is prevented from entering the rear the canvas and building up on the drive rollers.

A stainless steel deflector and fine bristle brush provide the seal, reducing crop loss and header maintenance. Available for all popular draper models.



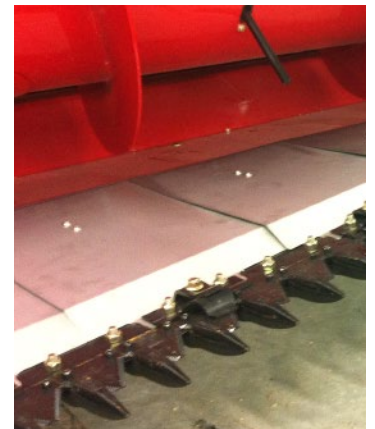
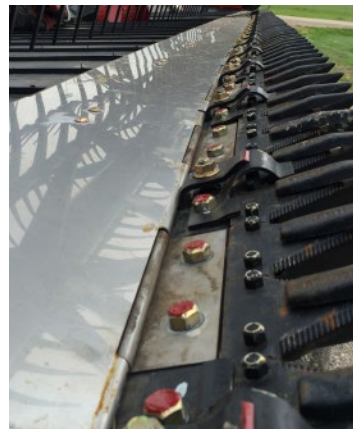
Sump Saver

S3 AWS Airbar® Sump Savers are available for all MacDon and John Deere flex draper heads. A stiff brush fastened to the front of the stone sump (directly behind the knife), provides a smooth transition of crop flow onto the feed belt while allowing stones to drop down through the bristles and into the sump.

Floor Kits

The S3 AWS Airbar® Floor Kit replaces the factory stone dam / floor with a low profile, stainless steel panel for improved feeding. The improved profile of these Floor Kits further enhance the performance of our proven Airbar® Systems.

Floor Kits are available for select John Deere, Case IH and New Hollands.



Airbar® System Accessories

Uptime Kit

...keep harvest on the move

The service life and reliability of the Airbar® System is unparalleled. For those moments of necessary maintenance or repair however, the Uptime Kit is always a great idea. Reduce downtime by always having common maintenance items on-hand.

Airbar® Uptime Kits are available for all models of Airbar Systems.

Kit includes:

Primary Drive Belt
Secondary Shaft
Bearings & Flanges (4 sets)
Nozzles & Gaskets (2 sets)
Nozzle U-bolts (2)



Service & Support

With strong roots in both Agriculture and Equipment Industry, S3 AWS Airbar understands the importance in offering the highest level of product support & customer service to its customers and dealer network.

Should issues arise mid-harvest, you can trust our dedicated team of support staff will be available to diagnose, support and service our entire line of products.

**Contact a member of
our support team today:**

1-877-348-0066

**or email an inquiry to:
info@awsairbar.com**



More yield from your field



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