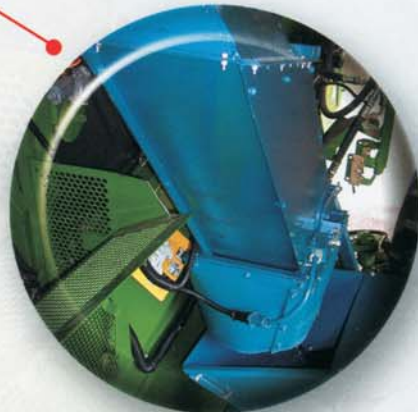


AMADAS

Edible Bean Attachments For John Deere STS Combines



JOHN DEERE

www.amadas.com

Enhance your John Deere STS Combine's in edible beans!

Clean Grain Bucket Elevator



A centrifugal dump bucket chain elevator replaces the clean grain paddle elevator and is fitted into the original elevator housing.

BENEFITS

- Reduces bean damage such as "mud tagging" or "staining" which can occur in wet or weedy conditions, especially when dirt, mud or crushed nightshade berries are present
- Reduces bean skin coat damage as a result of contact with the elevator housing



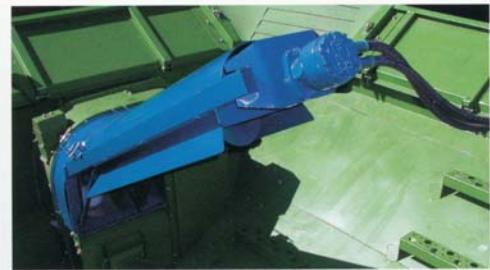
CAPACITY

852 bu/hr @250 rpm (270 ft/min) *with* JD Slow Speed Clean Grain Elevator Drive; 1366 bu/hr @ 400 rpm (433 ft/min) *without* JD Slow Speed Clean Grain Elevator Drive

REFERENCE CAPACITY

Harvesting 30 ft. of 50 bu/acre beans requires 818 bu/hr @ 4.5 mph.

Slow Speed Grain Tank Leveling Auger



▲ A slow speed, hydraulically driven, large diameter, "open style" leveling auger replaces the gear driven, enclosed fountain auger in the grain tank.



▲ Auger in unlatched and lowered position for transport

BENEFITS

- Reduces bean damage such as "mud tagging" or "staining" which can occur in wet or weedy conditions, especially when dirt, mud or crushed nightshade berries are present, as they can coat the inside of the original auger housing
- Eliminates "splits" and crushed beans that could be produced falling into the gear coupler of the original fountain auger
- Reduces cracked seed coat damage in low moisture beans by utilizing a slow speed, large diameter, "open style" leveling auger

OPERATING SPEED—110 rpm (Original fountain auger speed—400 rpm)

(Requires Integrated Electronic Control and Hydraulic Drive System Kit)



Enhance your John Deere STS Combine's in edible beans!

Integrated Electronic Control and Hydraulic Drive System Kit

(Required with Slow Speed Grain Tank Leveling Auger and Belt Unloading Conveyor)

BENEFITS

- **Ease of Operation**—Uses the same unloading controls on the hydrostatic handle in the cab as with the original unloading auger
- **Improved Performance**—Clean grain loss is minimized as electronic interlocks and limit switches ensure the system will only function when correctly positioned for discharge.
- **Increased Reliability**—Independent hydraulic drive system ensures that full hydraulic horsepower is available for *all* combine functions.



Independent hydraulic system ensures maximum performance.



Conveniently located in-cab control panel

Approved by John Deere for integration into CAN BUSS system.

- **Improved Grain Quality**—Override control of cross augers allows for minimal use of augers during unloading, reducing bean damage.
- **Safety**—All control functions are designed for safe, efficient, smooth operation.

Call Your John Deere Dealer For More Information.

John Deere STS Combine

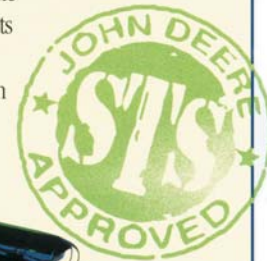
John Deere Bump Test

Under the supervision of John Deere Engineers, an STS combine fitted with the AMADAS Edible Bean Attachments was test run more than 100 repetitions over side by side and staggered bumps at speeds between 5-8 mph with the unloading conveyor in both stowed and extended positions, and with the grain tank both full and empty, to test the structural integrity of the design and installation.

Bump Test

John Deere Safety Review

John Deere Engineers reviewed the AMADAS Edible Bean Attachments installed on an STS combine to ensure that industry safety design standards were met.



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Belt Unloading Conveyor



▲ Conveyor in extended position

A hydraulically-driven, 18" x 20' belt unloading conveyor is added to the combine to unload the grain tank in lieu of the unloading auger system. The belt conveyor conveniently attaches to the combine without having to remove the current horizontal unloading auger, and the integrated electronic control system allows the operator to use the same unloading controls on the hydrostatic handle in the cab. The controls are automatically interlocked to ensure safety and ease of operation.



BENEFITS

- Reduces bean damage such as "mud tagging" or "staining" which can occur in wet or weedy conditions, especially when dirt, mud, or crushed nightshade berries are present which can coat the inside of the original unloading auger housing
- Eliminates "splits" and crushed beans that could be produced when the beans transfer from the vertical auger into the horizontal unloading auger
- Reduces cracked seed coat damage in low moisture beans by eliminating the unloading auger and slowing down the horizontal discharge augers in the floor of the tank

(Requires Integrated Electronic Control and Hydraulic Drive System Kit)



▲ Conveyor in stowed position



▲ Easy access is provided, as the conveyor system is designed not to interfere with the normal raising and lowering of the combine's side shields.



▲ Grain tank discharge spout gently feeds the unloading conveyor.

AMADAS

Who We Are...

ALLIED ATTACHMENT SUPPLIER TO JOHN DEERE

AMADAS Industries is an allied attachment supplier to John Deere. Our Edible Bean Attachments for John Deere STS Combines are sold exclusively through John Deere Dealers. AMADAS is solely responsible for the manufacture and after-sales service and parts support of these attachments as well as the warranty administration.



JOHN DEERE

JOINT VENTURE PARTNER WITH JOHN DEERE

In 1994, AMADAS Industries and John Deere joined forces to develop a self-propelled peanut combine. The result is the world's largest, highest capacity, self-propelled peanut combine which has set new standards for harvesting in the peanut industry. The AMADAS Model 9900 Peanut Combine is designed and manufactured by AMADAS, uses all John Deere power train components and integrated operator's cab, and is marketed worldwide exclusively through John Deere Dealers.

Our joint venture partnership with John Deere has been expanded to include the AMADAS Model 9905 Self-Propelled Edible Bean Combine which also utilizes John Deere power train components and integrated operator's cab and is marketed worldwide exclusively through John Deere Dealers.

AGRICULTURAL EQUIPMENT MANUFACTURER

Since 1963, AMADAS Industries (formerly Hobbs-Adams Engineering) has been designing, manufacturing, and marketing highly specialized equipment for the agricultural industry. In our early years, we began with peanut diggers, and over the years, we grew and developed specialized peanut harvesting equipment along with other lines of agricultural machinery.

Our exclusive, patented peanut harvesting technology established AMADAS pull-type peanut combines as the industry leaders. The proven performance of the advanced picking and separating technology has secured our position as a leader in the innovative design of large volume, high capacity peanut harvesting technology and was instrumental in the development of a joint venture partnership with John Deere to develop a self-propelled peanut combine.

Our product lines have expanded, and today AMADAS Industries markets a complete line of traveler irrigators, cotton stalk puller / choppers, pull-type and self-propelled peanut combines, and pull-type and self-propelled edible bean combines, along with a line of industrial equipment and specialized attachments for John Deere combines.

**For more information about Amadas Industries and our product lines, please visit
www.amadas.com**

AMADAS INDUSTRIES, whose policy is one of continuous improvement, reserves the right to change specifications, design or prices without incurring obligation.

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