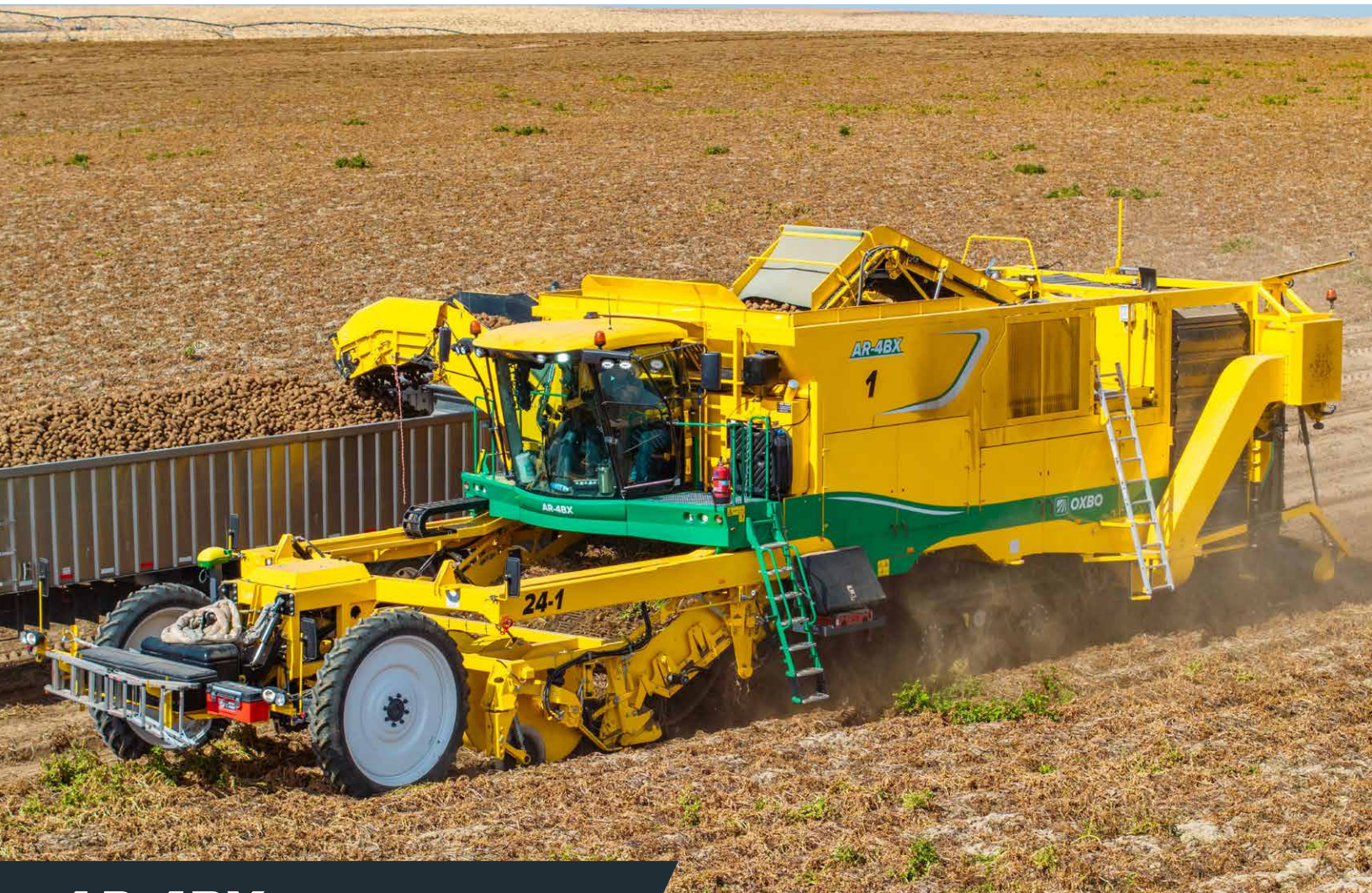


POTATO HARVESTER



AR-4BX



OXBO AR-4BX

THE MOST PRODUCTIVE POTATO HARVESTER.

Oxbo has been partnering with potato producers for over a decade, listening to their needs, to provide the most productive, stand-alone potato machine in the world. The Oxbo AR-4BX delivers high quality potatoes for the Processing, Fresh, and Seed industries.

The North American configurations of Oxbo's legendary AR-4BX self-propelled potato harvester provide 14-tons of storage to reduce unproductive time in the field, allowing for autonomous harvesting in challenging field conditions. **Oxbo harvesters have a well-earned reputation for getting into the field when other machines can not.**

Plus, the Oxbo AR-4BX can be configured to match your harvesting operation, with innovative cleaning tables and options to meet diverse harvest conditions.

Backed by Oxbo parts and service support, **the AR-4BX is the machine customers trust to deliver reliable productivity and to ensure a successful harvest.**

✓ CONTINUOUS DIGGING

The high capacity bunker (14 tons) is key for a efficient harvest operation.

The bunker has enough capacity to quickly fill a truck and buffer for the next truck to reach the unloading arm. Because the machine can unload during harvest operation it allows the AR-4BX to keep digging, continuously, saving time and increasing the overall capacity of the harvest operation.



✓ SOFTPOCKET ELEVATOR

The unique design of the SoftPocket elevator combines capacity with product-friendly handling.

The elevator chain runs slowly because of the high capacity of each transport bag. The double toothed belts with unequal running speed create a unique concept for filling and discharging the transport bags. The product is 'laid down' on the next conveyor belt.



✓ CLAAS TRACK ASSEMBLY

All Oxbo potato harvesters are standard equipped with CLAAS 890 mm wide tracks and wide drive and idler wheels.

The CLAAS tracks ensure reliability under the most severe weather and field conditions.

Bottom line: **the Oxbo goes where others cannot.**



✓ TOUCH SCREEN CONTROLS

The spacious CLAAS Vista 2 cab includes a 12" touch screen providing an overview of essential functions and support easy customization for your harvest needs. **Oxbo delivers excellent visibility and easy to use controls.**

An extensive camera system keeps you informed so you can maximize harvester performance.



A **DIGGER UNITS**

- Universal shear holders
- Shear bolt protection on each shear
- Hydraulically driven discs (diameter 106 cm)
- Haulm intake wheels (plastic 400 mm)
- Single intake with driven Oxbo float wheels
- Automatic side shift based on leveling of the machine

B **SIEVING WEBS**

- Double toothed belts with protective ridges on top side of the belt to reduce bruising
- Heavy duty 12 mm rods on primary webs and choice of 11 mm steel or 10 mm vulcanized on all other sieving webs
- Urethane drive sprockets used throughout to reduce wear on webs and extended life of sprockets.
- Independent reversing of sieving webs without leaving the cab
- Webs automatically adjust speed dependent on harvesting speed
- Choice of rotary or eccentric hydraulically driven agitator adjustable from cab for soil removal

1st Sieving Webs

- Primary operating pressure reading in cab including overpressure warning and shutdown protection adjustable from the cab

C **DE-VINER WEB**

- Air-cushioned web rods to prevent bruising.
- Long length provides ample time for separation of potato from haulm.
- Adjustable agitators.
- De-viner operating pressure reading in cab including overpressure warning and shutdown protection adjustable from cab.

D **CLEANING UNIT**

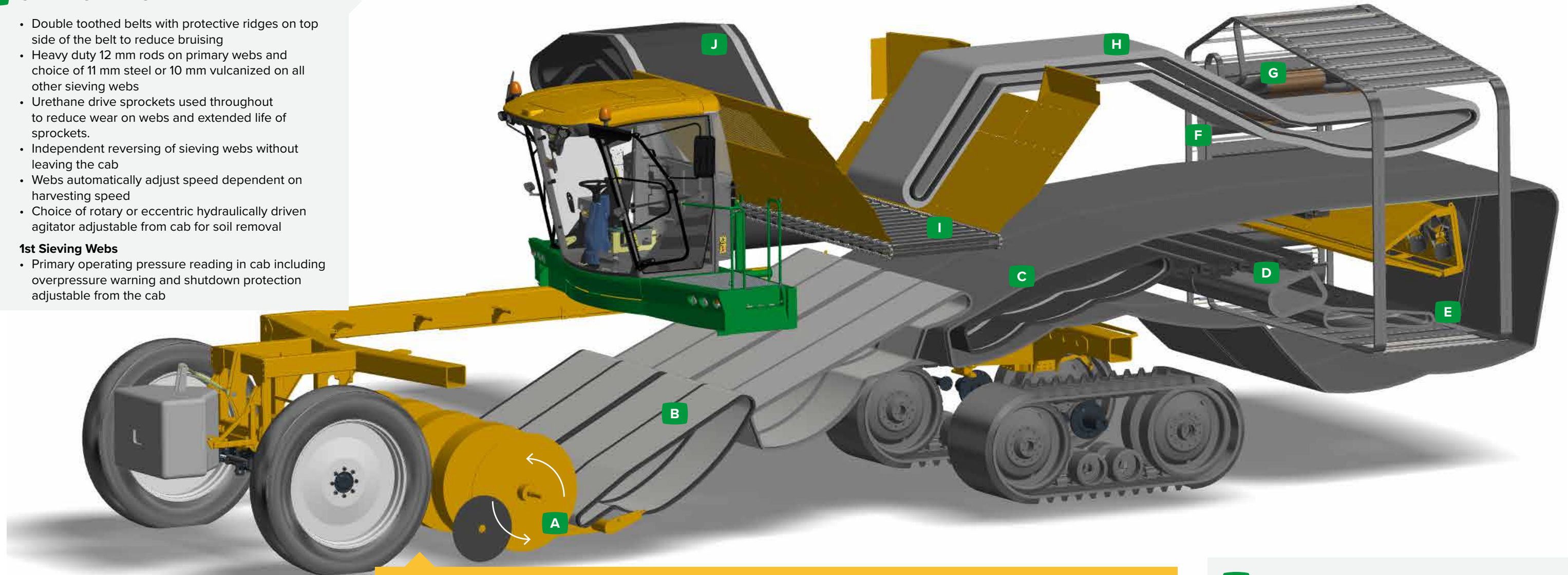
- Star roller bed in combination with a steep pintle belt with air support and de-viner web with fully vulcanized bars.

E **LOWER DIVIDER WEBS**

- Divider webs 35-mm pitch with fully vulcanized bars.

F **ELEVATOR**

- Efficient low maintenance design gently transports potatoes for distribution to the Filler Belt.
- Hydraulic drive includes automatic speed control based on load and overpressure warning in cab.
- High volume design enables low running speed for product friendly conveyance.



TYPE 76.726 3 sieving webs, star roller separator (8 star rollers), steep pintle belt with air support and a de-viner web belt

G **UPPER DIVIDER WEBS**

- Upper and Lower divider webs 35-mm pitch with fully vulcanized bars

H **HOPPER FILLING BELT**

- Pocketed web design with hydraulic lift cylinders to gently transport potatoes.
- Dual Laser sensors to accurately adjust for minimal drop height into bunker.
- Transport and service modes to reduce height during road travel and provide better access for maintenance

I **HOPPER**

- Hopper capacity up to 14 tons
- Level sensors keep operator informed on current load level including hopper full alarm
- Product-friendly transition to discharge conveyor, by preventing the product from rolling back

J **UNLOADING BELT**

- Fully automatic bunker unloading program, ensures gentle product handling while unloading
- Easy-to-operate unloading process. With the joystick controls and presets you can set and adjust the speed of the discharge conveyor, the speed of the bunker conveyor floor and the position of the unloading arm base and top
- The optimal combination of unloading capacity, lowest possible unloading height and easy operation to minimize bruising
- Folds behind the cab for transport

CLEANING TABLE OPTIONS

A DOUBLE PSHS TABLE

- PSHS (Potato, Soil, Haulm Separator) cleaning table with seven sets of scale and clod rollers are fully adjustable from cab for speed & angle
- Clod roller direction speed and position are fully adjustable from cab



TYPE 76.790 3 sieving webs, PSHS system (8 rollers) and a de-viner belt

B AXIAL TABLE WITH SINGLE PSHS TABLE

- Axial table with 17 sets of rollers available with steel or rubber roller sets.
- Axial table speed and angle are adjustable from the cab and includes auto reversing and overpressure protection
- PSHS cleaning table with four sets of scale and clod rollers are fully adjustable from cab for speed and angle.
- Clod roller direction speed and position are fully adjustable from the cab



✓ REAR VINE SHREDDER OPTION

The rear haulm shredder on the AR-4BX conditions the haulm so it lays flat on the ground, **preventing wrapping issues with trucks and drift caused from wind.**

Plus the shredded haulm makes fall tillage work a breeze.

The shredder's position above the de-viner belt discharge prevents rocks from damaging the shredder components to avoid unwanted downtime and cost.

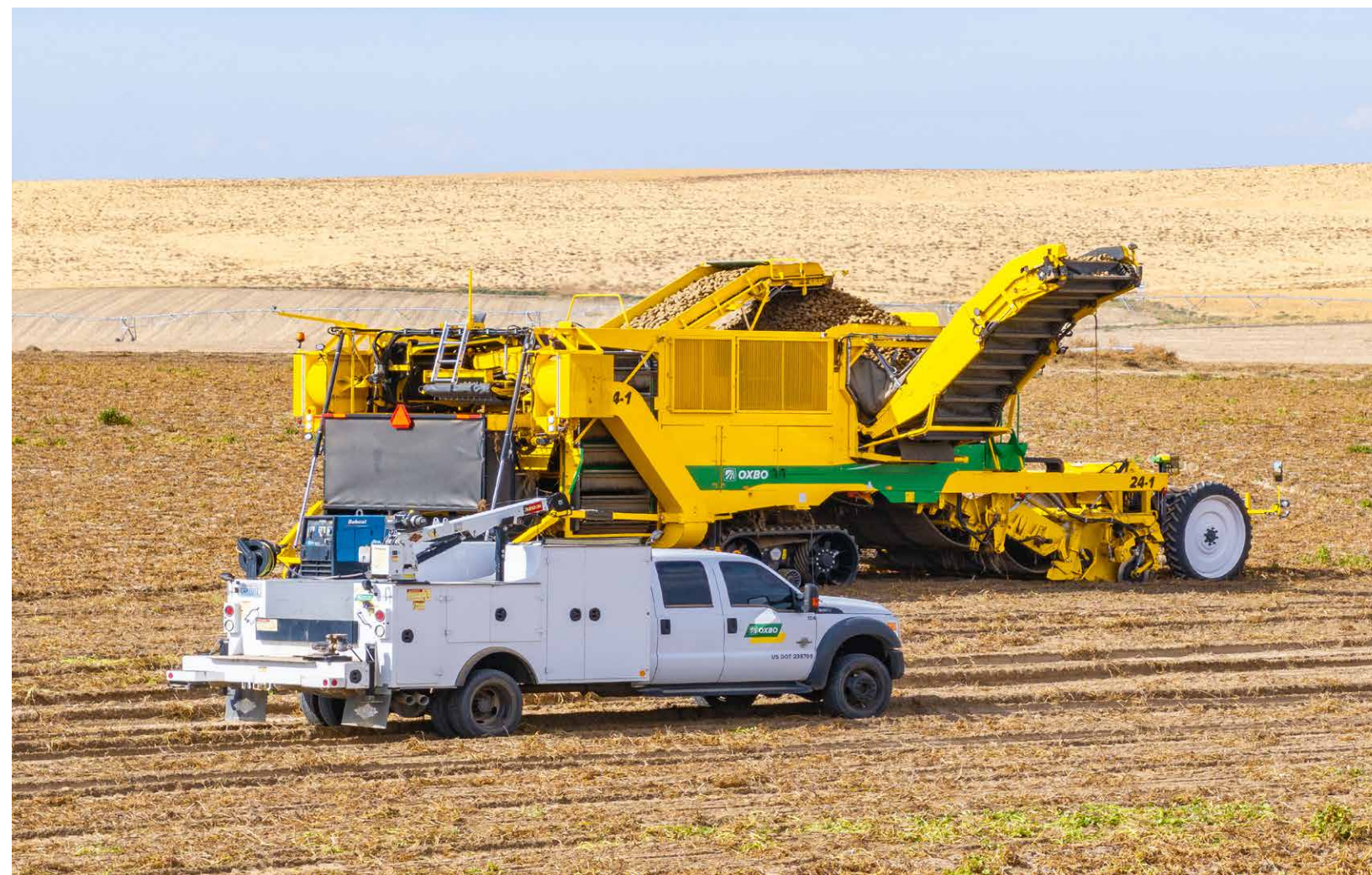


✓ PRESSURE FAN OPTION

With this option, the **side mounted fans on the AR-4BX provide a powerful knife edge stream of air at the transition going into the elevator at the rear of the machine.**

The option blows debris out the back while also helping to keep the de-viner belt clean.

The blower speed is easily adjusted from the monitor.





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