

POTATO HARVESTERS



AR-3BX AR-4BX

HARVESTING POTATOES WITHOUT COMPROMISE

A HAULM TOPPER

- Hydrostatic drive
- Haulm discharge conveyor with 2 running directions
- Swinging middle mount
- Electronic height and balance control by means of control skids

B DIGGER UNITS

- Universal shear holders
- Shear bolt protection on each shear
- Hydraulically driven discs (diameter 106 cm)
- Haulm intake wheels (plastic 400 mm)
- Electronic depth control, 1 depth control skid per digger unit
- Separate control of digger units to easily allow harvesting of tractor tracks

C SIEVING WEBS

General

- Double toothed belts with protective ridges on top side of the belt (between the bars)
- Slip-free drive with PUR drive cogs which can be changed quickly due to shared attachment on fixed hub
- Sieving web reverse function from the driving cab
- Rubber-coated haulm roller after 2nd and 3rd sieving webs, adjustment and running direction controlled from the driving cab

1st sieving webs

- Speed of 1st sieving webs adjustable independently of the other webs
- Speed of 1st sieving webs dependent on harvesting speed

2nd sieving webs

- Hydraulically driven agitators
- Speed of 2nd sieving webs adjustable from driving cab (connected to 3rd and 4th sieving webs)

3rd sieving webs

- Standard fully vulcanised bars

D CLEANING UNITS

- Choice from (a combination of) axial roller system, PSHS system and steep pintle belt
- Axial roller system optionally with bypass web for harvesting in different soil types

E LOWER DIVIDER WEBS

- Divider webs 35-mm pitch with fully vulcanised bars

✓ **QUALITY:**
**FROM HAULM TOPPER
TO UNLOADING BELT**



F UP-AND-OVER ELEVATOR

- Unique elevator chain with high-volume transport bags, enabling low running speed
- Hydraulically driven with speed control depending on load or operating pressure
- Double toothed belt with asynchronous running speed ensures product-friendly handling

G UPPER DIVIDER WEBS

- Divider webs 35-mm pitch with fully vulcanised bars

H HOPPER FILLING BELT

- Belt with rubber flights
- Laser sensor for automatic hopper filling with low drop height (insensitive to dust or dirt)

I HOPPER

- Hopper capacity 14 tonnes
- Hydraulically driven bottom web width 1,200 mm
- Heavy drive chain with large rollers
- PVC carriers (as in receiving hoppers)
- Product-friendly transition to discharge conveyor, by preventing the product from rolling back

J UNLOADING BELT

- Fully automatic hopper discharge programme, prevents product rolling at the transition between bottom web and discharge conveyor. The programme works when product is discharged while stationary or while driving
- Practical width for easy filling of tippers or containers (including during harvesting)
- Discharge conveyor with swan neck for minimum drop from the end of the conveyor belt into the tipper or container
- Special belt construction with large layer thickness across the hopper discharge conveyor makes fast discharging possible (a must for discharging when stationary)
- Belt speed control on joystick

HARVEST CHANNEL

The plastic shear-set, in combination with the large diameter driven discs, guarantee problem-free uptake. The harvest channel is free of obstacles and does not become narrower. The sieving surface is unparalleled, so that the soil is separated from the product flow in all conditions. The clever design prevents blockages.



UP-AND-OVER ELEVATOR

The unique design of the up-and-over 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.



HOPPER

The transport capacity is used more efficiently by the 14-tonne hopper. A 3-axle agricultural tipper can be filled by two hoppers, saving the need for a combination. A laser sensor at the top of the hopper filling belt controls the automatic hopper filling with minimum drop height. The speed controls of the hopper floor conveyor and the discharge conveyor are synchronised, which prevents the product from rolling back.



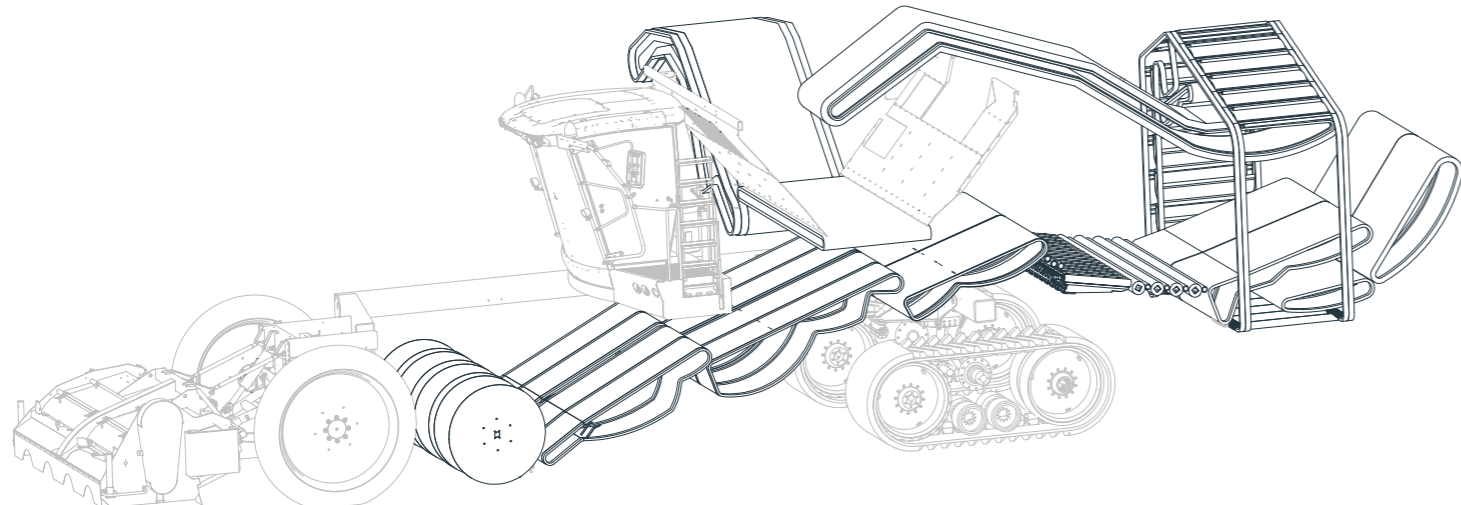
RELIABILITY

All the drives are fitted on the outside of the chassis as much as possible, which makes for easy maintenance. The use of standard components means that parts are easy to obtain. Servicing is coordinated directly from the factory. The AR-4BX has a favourable distribution of weight, so that harvesting is possible in all weather conditions.

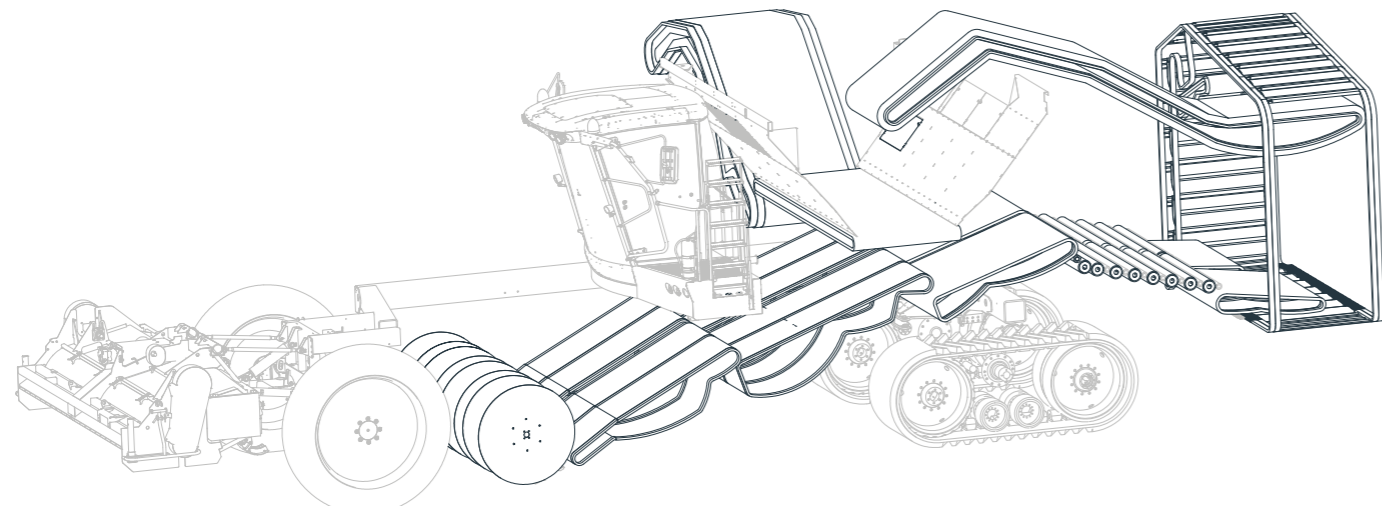


CLEANING MODULES

Thanks to the variety of cleaning modules, you can put a harvester together that meets your requirements.



TYPE 74.793 3 sieving webs, axial roller system, PSHS system, 4th sieving web, steep pintle belt



TYPE 75.790 3 sieving webs, double PSHS system



SIMPLE OPERATION AND COMFORT

The operator enjoys every comfort in the spacious and luxurious Claas Vista 2 driving cab. Operation is simple and within reach. An extensive camera system and the pilot screen provide an overview of the essential information at a single glance. A number of preset values can also be entered, allowing the operator to switch between them with one press of a button if conditions so require.

The driving cab has a road and field position, so the operator has a perfect view at all times.





HARVESTING POTATOES WITHOUT COMPROMISE

The Oxbo self-propelled 3- or 4-row bunker harvester was designed focusing on the clients' demands: harvesting potatoes without compromise.

This machine exceeds in total sieving area: with the chassis on the outside of the sieving webs the flow of potatoes is free of obstacles, with no narrowing. Due to the variety of possible cleaning modules, it enables you to compile a harvester which fits your demands. The industry leading hopper capacity enables you to organize logistics more efficiently. Low transport speeds combined with the lowest possible drops and the unique SOFTPOCKET elevator guarantee a very friendly handling of the potatoes.

**AR 3BX
AR 4BX**

UNIQUE FEATURES

- ✓ More efficient logistics by the hopper capacity of 14 tonne
- ✓ Unequalled cleaning capacity
- ✓ Minimum maintenance costs due to the unique design
- ✓ Lowest possible drop on all transitions and into the trailer due to the unique design of the unloading elevator
- ✓ All webs have the same width: no narrowing down or obstacles in the product flow
- ✓ Great choice of various cleaning options

Besides potatoes the Oxbo harvesters can be used to harvest numerous other root crops. Want to know more about the possibilities? Please contact your local representative.