

Art's Way

Since 1956

Highly productive, high capacity harvesters



For decades, Art's Way and Vervaet® have developed their proprietary lines of sugar beet harvesters to high levels of success.

Now, Art's Way has introduced Vervaet self-propelled machines to North America.

**Vervaet self-propelled
sugar beet harvesters**

www.artsway-mfg.com

meeting your needs in the field, farmyard and feedlot

Highly productive, high capacity harvesters

North American sugar beet growers have new options for improving productivity, while reducing manpower requirements with self-propelled Vervaet harvesters.

Time and labor saving features

These unique harvesters are equipped with a leaf topper and scalper, eliminating the need for operating a defoliator. The topper operates at variable speeds up to 1400 rpm.

Leaves are distributed in two ways. With the auger outlet closed, leaves are pulverized and placed between the rows, evenly spread over the entire harvested area.

Or, the leaves can be augered to a variable speed spreader and distributed out the side of the unit.



Two types of beet lifting systems

SHEAR LIFTERS

The harvesting unit is equipped with a highly accurate automatic depth control on hydraulically driven wheels (opt.) or feeler bars. The harvesting unit is always parallel to the ground. Independently rotating shears lift the beets with a gentle wiggling motion. Operating at 700 rpm provides 23 lifting movements per second.



OPPEL WHEEL LIFTERS *(future availability)*

Just like the shear lifter system, the ground is sensed independently left and right to keep the unit level. This system uses metal lifting wheels positioned in a v-shape, pulling the root straight out of the ground. Oppel wheels follow the rows individually so the beets are always in the center of the unit.



Superior cleaning capabilities

Beet cleaning is done by an in-line series of turbine cages. The first turbines behind the lifters throw out 50% of the soil, distributing it evenly across the harvested pass. The remaining four turbines complete the cleaning process with adjustable speed and gate opening. The extreme length of the cleaning system contributes to its effectiveness, and it performs well even in wet conditions.

Complete control

With a simple touch, the operator can adjust the cleaning system from gentle to aggressive.

Optional grab rolls

The harvester can be equipped with a series of 10 grab rolls that replace the last turbine. The rolls can be set to rotate in the same direction for gentle cleaning, or towards each other for more intensive cleaning.

Additional features:

- Unloading at nearly 19 tons/30 seconds
- Swan neck for completely filling high trailers
- Unique traction control prevents wheel slip
- Large low pressure tires reduce compaction
- Auto-lube system is standard
- Operational control functions and monitoring are easily visible on the color touch screen
- The most frequently used functions during harvesting are located on the control lever
- Optional hydraulic adjust for scalpers, row spacing and lifters



Vervaet Harvesters • Features • Specifications

MODEL 625

Leaf Topper

Topper with 1 rotor — standard
Topper with auger and spreader (6x20", 6x22", 4x30") — optional
Double adjustable scalpings — optional
Airplane-type topper depth wheels (2pc)
Hydraulic 3-point linkage
Hydraulic cylinder to lift up frame auto steer — optional

Lifter

XL lifter 6x30" ICW integral topper 16.4'
XL lifter 8x22" ICW integral topper 16.4'
XL lifter 9x20" ICW integral topper 16.4'
Spring loaded lifter elements (for flexing over rocks)
Axle with depth wheels and flippers on lifter — standard
Cleaning wheels on front turbines — optional

Wheels and Tires

(standard GoodYear 800x38 front, and GoodYear 800x32 rear)
Michelin 800x38 on front 4x
Michelin 800x38 on front 4x — CEREX BIB
Michelin 800x32 rear 2x
Michelin 800x32 rear 2x — CEREX BIB
Michelin 900x32 rear 2x

Frame and Tank

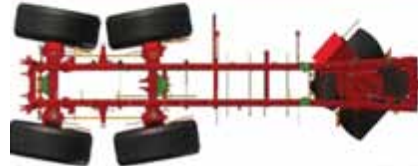
Extendable front axle (only on SL) — optional
Longer discharge elevator — standard
Gates on turbine 2 and 3 — hydraulic adjust up/down — standard
Gates on turbine 4 and 5 — hydraulic adjust up/down — optional

Cab

Side window wiper set — optional
Fuel consumption meter — standard
Color camera set, trio — standard
Air conditioning — optional
Xenon work light on cab (incl. extra relays) / pc — optional
Extra camera (4 in total) plus split monitor — optional

Engine

Model 625 — 510 hp Paccar



Operator choice of 2-wheel, 4-wheel or crab steering. Auto steer is standard.



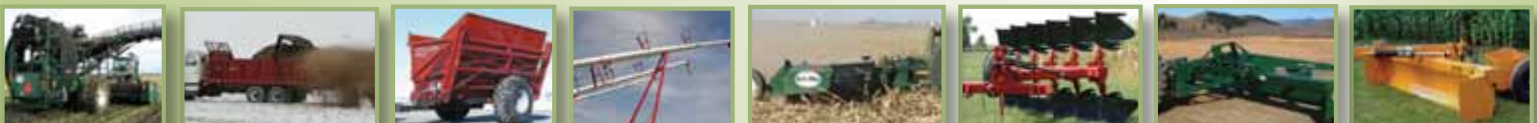
Optional hydraulic leveling benefits operation in hilly conditions.

Exceptional cab visibility gives the operator a clear line of sight to the topper, lifters, the flow-through turbines, and even to the rear wheels. The cab also features a comfortable 74 dBA sound level.



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