

# VSS

# AMAC

PRODUCT PORTFOLIO



Onion Toppers



Onion Harvesters



Windrow shifter



Onion Loaders



Potato Toppers



Potato Harvesters



AMAC spare parts

*“The next generation in agricultural machinery”*



# Onion Toppers (LKU)

The VSS AMAC onion topper (LKU) is the perfect machine for topping onions. The VSS AMAC LKU is distinguished by versatility and sturdy construction. Thanks to its large flaps the machine is easily serviced and maintained. The LKU has double blades, which create powerful suction resulting in the leaves being pulled up so that even flat lying leaves are cut. Additionally the leaves are cut better which leads to an excellent final result. The blades are made of extremely

high-grade steel. This quality ensures that the machine invariably enjoys a long working life under all conditions.

The VSS AMAC LKU can be supplied in various working widths: 1.5m, 1.7m, 2.25m and 3m.

The VSS AMAC LKU is multi-applicable for a range of crops including French endive, carrots, annual onion sets and lilies.

FEATURES	OPTIONS
Wide valves	Automatic depth control
Double blades	Rear pulled version
Solid construction	Combi version
powerful suction	4-wheel version



# Onion Toppers with Side Discharge (LKU-Z)

The VSS AMAC Onion Topper (LKU-Z) is the ideal solution for processing large quantities of foliage using a tine axle and side discharge belt. Large quantities of foliage disappear in the blink of an eye. After processing completion, a row of rotating blades finishes the job.



FEATURES	OPTIONS
Tine axle	Electric depth control
Side discharge belt	Automatic depth control
Rotating blades used as an after-topper	
Castors	



# Onion Harvester (VRU)

The VSS AMAC Onion Harvester (VRU) is designed for onions grown on so-called traffic systems. Together with a VSS AMAC onion topper, topping onions, harvesting and windrowing can be done in just one fell swoop. The VSS AMAC VRU is a solidly constructed machine that can easily be attached to a tractor.

Due to the modular construction of the machine, the VRU can be configured in various ways, allowing for harvesting with fixed shear blades, swinging shears or Digger bar.

The VSS AMAC VRU is readily available in different working widths of 1.35m, 1.42m, 1.48m, 1.70m and 2.25m. This machine is equipped with intensity adjustable and powered cutters.

FEATURES	OPTIONS
Adjustable intake rotors	Discard conveyors for windrowing
Self-steering discs	Automatic depth control
Powered beaters with extenders	Discard conveyors for discarding to side
pressure roller	Automated lubrication system
Depth wheels	Powered pressing roll for windrow attachment



Storage bunker



Windrow & side discharge



Automatic depth control



# Windrow shifter (ZV)

The VSS AMAC Windrow shifter (ZV) is very suitable for shifting the swaths, to make space on the top of the field, or to create a passageway for loading the crop.

The VSS AMAC ZV uses a foam rubber roller for picking up the crop. The small angle of the web prevents the product

from rolling back. The conveyor belt, which is hydraulic driven, has the possibility to shift both left and right. The position of the conveyor belt is hydraulic adjustable, therefore it can shift into different positions.

FEATURES	OPTIONS
Digging web is 110 cm wide	Different intake widths possible
Conveyor is 55 cm wide	Short conveyor (unfoldable) for shifting to next swath
Small angle of inclination	
Shuttling digging web	Long conveyor (hydraulic foldable) for shifting to 3 meters maximum
Supported machine	



Intake



Transport



Free adjustable



# Onion Loaders

The VSS AMAC Onion Loader (UL) is notable for its simplicity and large capacity. It is operated using a long screen conveyor which increases the screening capacity of the machine. Additionally, the screen conveyor has a small angle of inclination, preventing the onions from rolling back. The hedgehog web separates the leaves from the onions.

Onions are lifted with a large-capacity conveyor after which they land in the vehicle.

The standard version of the VSS AMAC UL uses a foam rubber roller for picking up onions. An optional hydraulic valve or powered brush roller can be installed upon request. The machine's screen conveyor is provided with a small-diameter reversing roller, a benefit of which is that the produce is very easily rooted up from the swath onto the screen conveyor.

The screen conveyor has a standard width of 1480mm, while an 1100 mm version is also available.

The hedgehog belt is hydraulically powered and its speed and inclination can therefore be steplessly adjusted from the cabin, while a separation roller that separates the last onions from the foliage is optionally available.

The conveyor is entirely hydraulically powered and as such steplessly manageable from the cabin, while the one meter belt width and the high full-rubber carriers generate a large discharge capacity.

The combination of the standard controlled wheel axle with its automated center setting and the optional controlled drawbar allow you to operate the machine in neutral. As a result, setting up in every possible swath type is considerably simplified.

FEATURES	OPTIONS
Onion loading with foam rubber roller	Controlled drawbar
Small angle of inclination to give a large capacity	Land leveling
Hedgehog web (adjustable incline and speed)	Wide belts
High capacity wide and long conveyor with high capacity (speed steplessly adjustable)	Roller above hedgehog web
High full-rubber carriers	Hydraulically powered input (brush) roller
Controlled shaft with automatic center setting	Canvas in conveyor
Low-maintenance powertrain (no chains)	Loading with hydraulic valve



# Potato Toppers (LK)

VSS AMAC toppers stand out for their versatility and solid construction. The width of the valves in the frame considerably decreases complexity of service and maintenance.

Toppers made by VSS AMAC are equipped with a very large hood that supports a great suction underneath its cover. The foliage is literally sucked upwards after which the

long tines provide for a clear-cut, leading to great results. In comparison to other manufacturers, this topper offers a great length difference, ensuring that it can also be used for topping carrots, lilies, onions and other crops. All types are delivered with tines made from a solid piece of hardened steel, an unparalleled quality level that guarantees a long lifecycle under all possible circumstances.

FEATURES OF 2-ROW TOPPERS	OPTIONS FOR 2-ROW TOPPERS
Depth wheels	Side discharging
Front mount	Combo version
Powerful suction	Foliage dividers



FEATURES OF 4-ROW TOPPERS	OPTIONS FOR 4-ROW TOPPERS
Depth wheels	Drawbar for lengthy transport
Rear mount	Combo version
Powerful suction	Foliage dividers
18/22 tine length difference	90cm driving distance



# Potato Harvester (VRA)

The VSS AMAC Potato Harvester (VRA) is a compact machine.

Designed to cultivate raised beds, this machine can be used for harvesting two 75cm or two 90cm raised beds.

The VSS AMAC VRA design is based on the solid concept of the VSS AMAC VRU. This potato harvester can be optionally equipped with a side discharge belt; serving as an easy and considerable capacity increase.

FEATURES	OPTIONS
2 or 3 harvesting blades per raised bed	Drawn/semi-mounted edition
4 Self-steering discs	Service-friendly powering (Hydraulic)
Powered cutters with extenders	Discard conveyors for discarding to side
Dozers	Automatic lubrication system
Depth-regulating wheels	Powered pressing roll for windrow attachment



Side discharge conveyor



Windrower & Side discharge



Diabolo's



## Universalharvester (VR-SX)

The VSS AMAC Universalharvester SX is a simplified version of the VSS AMAC windrow harvester (VRU & VRA). These harvesters are equipped with one web, which results in a short and light machine.

The VSS AMAC SX is standardly equipped with a full-field chisel set. Thereby the harvester is usable for differ crops.



FEATURES	OPTIONS
2 or 3 harvesting shares per raised bed	Powered cutter in web
2 self-steering discs	Ground leveller under the machine
Executed with 1 web	Lighting/marketing plates (LED)
Swath shut plates	Complete harvesting share-set
Depth-regulating wheels	Wheel track 1,5m or 1,8m
	4 self-steering discs





# Potato Harvester (VR 1500)

The VSS AMAC (VR 1500) is a combination of the VSS AMAC VRA and the VSS AMAC VR 3000; it is a semi-mounted 2-row harvester with its own hydraulic system.

The VSS AMAC VR 1500 can be equipped for the harvesting of two 75cm or two 90cm raised beds. The factory state machine has a controlled axle which turns it into a highly maneuverable machine.

One cutter is incorporated in the harvesting web, while in

the screening web there are two adjustable cutters. The long screen conveyor has a large screening capacity and a small angle of inclination

so that the produce does not roll back. The VSS AMAC VR 1500 is based on the solid concept of the VSS AMAC VR 3000. This potato harvester can be optionally equipped with a side discharge belt; serving as an easy and considerable capacity increase.

FEATURES	OPTIONS
2 or 3 harvesting blades per raised bed	Diabolo rollers for depth control
4 Driven discs	Foliage contracting wheels
Wheel control with automatic center position	Camera system
Maintenance-free powertrain	Foliage roller
Automatic depth control (sensor per raised bed)	Side discharge conveyor



# Potato Harvester (VR 2500)

The VSS AMAC VR2500 is a three row potato windrower. The machine has his own hydraulic system, powered by tractor PTO. Due his own hydraulic system, all the function are stepless adjustable out of tractor. The VR2500 is suitable for tillage with a row distance between 70 and 90cm. The machine has one intake.

Due the steered wheels the VR2500 is a manoeuvrable machine. The long sievebelt has a lot of capacity, and is mounted with a small angle of inclination. Thereby the product do not roll back. The VR2500 is equipped with two conveyor belts, which brings the product to the middle, for windrowing.

FEATURES	OPTIONS
1, 2 or 3 chisels per raised bed	Diabolo rollers for depth control
Hinged intake	Foliage contracting wheels
Gestuurde wielen met automatische middenstand	Driven wheels
Hegdehogweb with windrow discharge	Foliage roller
Automatic depth control (sensor per raised bed)	Land levelling



# Potato Harvester (VR 3000)

The VSS AMAC Harvester (VR 3000) meets all your needs in potato harvesting and stands out with its large capacity and high maneuverability. Service and maintenance requirements are minimized and simplified.

The VSS AMAC VR 3000 has two independent input channels whose depth can be controlled separately. One cutter is incorporated in the harvesting web, while in the screening web there are two adjustable cutters. The long screen conveyor has a large screening capacity and a small angle

of inclination so that the produce does not roll back. The machine is equipped with discharge conveyors, which can be used as a buffer. Optionally, you may use a combi-discharge conveyor for both center as side discharging, which allows the VSS Amac VR 3000 to be deployed for windrowing as well as for a capacity increase with a side discharge conveyor. For an even better foliage separation, a foliage roller and foliage fingers can also be deployed. The standard wide conveyors are hydraulically steered by default and can be hydraulically powered as an option.

FEATURES	OPTIONS
1, 2 or 3 chisels per raised bed	Synthetic diabolo rollers
8 Driven discs	Foliage contracting wheels
Controlled wheels with automated return to center position	Camera system
Maintenance-free powertrain	Foliage roller
4 diabolo rollers for depth control	Side discharge conveyor
Discard conveyors with buncher	Double side discharge conveyor
Harvesting web with 1 powered cutter	Camera system
Screening web with 2 powered cutters	Wheel powering



Driven discs



Side discharge conveyor



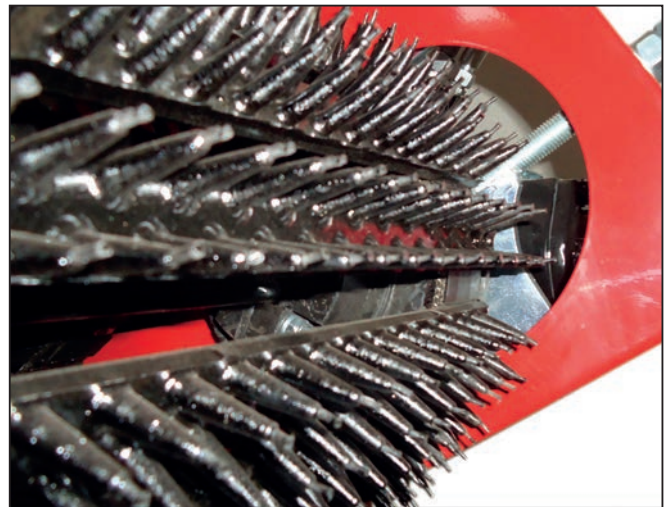
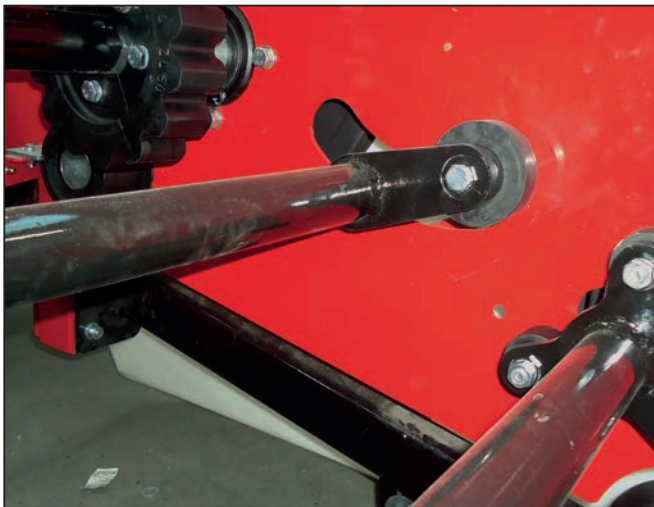
Double side discharge conveyor



## AMAC spare parts

In addition to developing innovative machines, VSS Amac also has all the original AMAC spare parts available of each AMAC potato harvester, topper and row milling and intake lines.

Furthermore VSS AMAC produces its own harvesting and screen conveyors, which are manufactured with next generation technologies and high-end materials. Besides the standard harvesting webs, you can also contact us for harvesting webs with added coating, hedgehog belt spikes or soft rubber. Of course, we also supply all required rollers and break gears for various harvesting and screen belts. For all AMAC harvesting machines, you can rely on a correct delivery of the original harvesting and screen conveyors.



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