VSS AMAC LKU-Z

The VSS AMAC Oniontopper with leaf discharge (LKU-Z) tops the leaf by means of a flail axle. The flail throws the leaf on the conveyor belt, which discharges it to the side. Afterwards the onions are post-topped by knives. That way an even result is ensured. The flail axle is wider than the onion swath, which helps cutting the leaf from the outer rows of the next swath. Therefore, the leaf won't be crushed by the tractor wheels. The complete machine is driven by the front PTO.

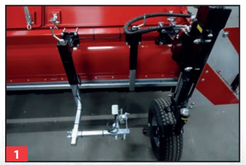
Large vizors have been designed on the front of the machine, which enables easy maintenance. The VSS AMAC LKU-Z is available in various working widths: 1.5m, 1.7m, 2,25m and 3m. The topper is fitted with manually adjustable track following swerving depth wheels. the LKU-Z can optionally be equipped with automatic depth control that can be controlled from the tractor

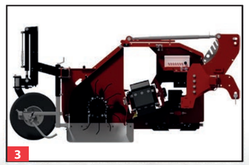
Options LKU-Z
- Hydraulically driven conveyor belt
- Automatic depth control
- Depth wheels hydraulically or electrically adjustable

Features LKU-Z
- Great processing of large amounts of leaf.
- Swerving depth wheels
- Leaf discharge
- Accurate topping height because of post-flail knives

7 Hydraulic driven discs
8 Control unit depth control

1 Automatic depth control
2 Bottom LKU-Z
3 Compact build
4 Leaf discharge





Technical specifications

Type	VRU 1420	VRU 1700	VRU 2250
Main drive	PTO 540 RPM		
Mass	1350 kg	1650 kg	2100 kg
Working width	1,42 m	1,7 m	2,1 m
Screen area	3,6 m^2	4,8 m^2	5,5 m^2
Total width	2,0 m	2,3 m	2,7 m
Total height	1,25 m	1,25 m	1,25 m
Total length	4,2 m	4,2 m	4,2 m
Rotating cutters	2	2	2
Windrow attachment	50 – 70 cm	50 – 70 cm	60 – 80 cm

Type	LKU 1500	LKU 1700	LKU 2250	LKU 2250	LKU 3000
Mass	1050 kg	1250 kg	1250 kg	1400 kg	1900 kg
Track width	1,5 m	1,7 m	2,25 m	2,25 m	3 m
Working width	1,7 m	2,15 m	2,15 m	2,45 m	3,2 m
Drive	PTO 1.000 RPM				
Total width	1,9 m	2,5 m	2,5 m	2,7 m	3,3 m
Total length	1,25 m	1,25 m	1,25 m	2,2 m	2,2 m
Total height	1,2 m	1,2 m	1,2 m	1,2 m	1,2 m
Rotors	3	3	3	4	5
Blades	12			16	20
RPM rotors	2.500 RPM				

Type	LKU-Z 1500	LKU-Z 2250	LKU-Z 3000
Mass	1100 kg	1700 kg	1950 kg
Track width	1,5 m	2,25 m	3,0 m
Working width	1,7 m	2,5 m	3,2 m
Drive	PTO 1.000 RPM		
Total width	2,2 m	3,0 m	3,4 m
Total length	1,9 m	2,2 m	2,2 m
Total heigth	1,2 m	1,2 m	1,2 m
Rotors	2	3	4
Blades	4	6	8
RPM rotors	2.500 RPM		

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Onion harvest machines

Capacity by innovation

VSS AMAC LKU

The VSS AMAC Onion Topper (LKU) is extremely fit for cutting the leaf from the onions. The VSS AMAC LKU distinguishes itself by its versatility and its robust construction. Service and maintenance are easily carried out thanks to the large visors. The LKU is fitted with double knives, which ensure a higher suction force. This even makes the flat lying leaves rise and can therefore be cut off. Additionally, the double knives cut the leaf in smaller pieces, which makes it easier to separate it from the product. The knives are manufactured with high quality steel. This quality ensures a long lifespan under all circumstances.

The VSS AMAC LKU is available with different working widths: 1.5m, 1.7m, 2.25m, 2.45 and 3m. The LKU is standard equipped with manually adjustable depth wheels, optionally the LKU can be equipped with automatic depth control that can be controlled from the tractor.
In addition to onions, the VSS AMAC LKU can be widely used for various crops such as: chicory, carrots, beets, first year onion sets and lilies.

Options LKU
- Automatic depth control
- Carried version rear
- Front rear combination
- 4 wheels
- Stainless steel leaf guiders
- Hydraulically driven lifting discs
- Work lights (led)

Features LKU
- Robust power belt drive
- Protection shell knives
- Accurate depth control
- Maintenance friendly

1 Automatic depth control
2 Hydraulic adjustable wheels
3 Double knives
4 Power belt drive
5 Knives
6 Opening protection flaps

DETAILS


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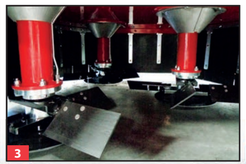
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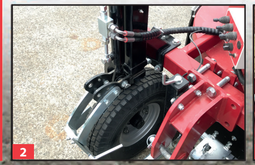
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VSS AMAC VRU

The VSS AMAC Onion harvesters have grown to a concept in the scene of onion harvesting because of years of development and practical experience. The VSS AMAC Onion harvester (VRU) is a very complete machine by standard. The onion rower is fitted with a square digging shaft, which optionally can be twisted. A twisted digging shaft creates a more even load distribution on the bearings. By use of a smart bearing design the digging shaft can be replaced quickly, which reduces downtime during the season. The rowing depth is regulated by vulcanised depth wheels, punctured tyres are impossible. Optionally the machine can be fit with automatic depth control. The automatic depth control works with two probes which are regulated with well-arranged potentiometers.

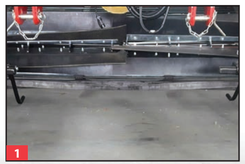
The VRU is provided with a twisted intake rotor which covers the whole working width. The twisted rotor makes it impossible for openings to appear, and therefore reduces leakage. Driven cutters are mounted in both the digging web and the sieving web. The intensity of the cutters can be adjusted by a stopper handle.

The final step of the VRU is putting the onions in a windrow. The onions are placed on the ground nicely in a straight row by use of adjustable swath plates. All drives are covered with light weight covers. The covers enable safe and easy maintenance. The chain drives are fitted with automatic tensioners. The VRU comes with LED lighting to provide safe transport on the road. In combination with a VSS AMAC Onion topper (LKU) the topping, rowing and swathing are done in one pass.

Features VRU
- Digging shaft
- Pitch 42mm webs
- Ø 600mm rowing discs
- Manual adjustable depth wheels
- Driven twisted intake rotor
- Height adjustable rowing discs
- Driven adjustable cutters
- Swath pressure roller
- Swath plates

Options VRU
- Digger bar or oscillating shares
- Webs with pitch 28, 32 or 36mm
- Automatic depth control
- Buffer
- Hydraulic driven conveyor belts
- Centre and side conveyor belts
- Hydraulic driven digging web
- Hydraulic driven sieving web
- Twisted digger bar

DETAILS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1. Digging shaft
2. Shares
3. Automatic depth control
4. Windrow attachment
5. Buffer
6. Centre and side conveyor belts
7. Hydraulic driven conveyor belts
8. Well-arranged control-unit
9. Powered shakers
10. Driven intake rotor