

Technology

The benefits to you

Cylindrical rotor concept with fixed and individually exchangeable carbide tools

- Fixed special tools provide for high impact force and low costs
- Fast tool change thanks to easy-to-handle threaded joints
- Different tool types can be selected to suit the requirement
- Tools individually exchangeable
- Optimum rotor shape provides for efficient shredding and low operating costs

Rotors driven on both sides via gearbox and power belts (multiple-groove high-performance composite belts)

- Virtually maintenance-free drive concept
- Optimum power transmission
- Low rate of wear
- Protecting the drive

Patented synchronous cardan shaft control (W kinematics)

- Provides for optimum routing of the cardan drive shaft and prevents torsional vibrations in the drive
- Guarantees maximum rotorvator excursion at full engine speed thanks to optimum routing of the cardan shaft
- The service life of the universal shaft is increased significantly

Extremely solid and robust construction, machine housing is protected by exchangeable wearing plates over a large surface against material wear

- Guarantees a long service life
- Low wear
- Low stoppage times and virtually maintenance-free operating time

Standardized three-point attachment peripherals

- Available for three-point carrier vehicles and AHWI track-type tractor
- Simple attachment

Basic equipment					Optional equipment		
Model	Performance class in HP	Working width in mm	Weight in kg	Number of HDT tools	Gearbox oil cooling	Post-compacting roller	Reversing grinder
S700-650	100–240	650	1.670	16		X	X
RFL700-2000	140–190	2.000	2.700	48		X	X
RFL700-2300	140–190	2.300	3.080	56		X	X
RF800-2000	180–300	2.000	3.500	48	X	X	X
RF800-2300	180–300	2.300	4.050	56	X	X	X
RF1000-2000	260–400	2.000	4.825	64	X	X	X

Dealer



Grubbing with ecological depth adjustment.

AHWI rotorvators



It's as easy as that!

Rotorvators from AHWI will help you to create the ideal conditions for new cultivations, even with difficult soils. In just one operation you shred rootstock and waste wood in the soil, break up the soil and work in the organic material. Depending on the machine type, to a depth of 50 cm.

The result: a loose, homogeneous layer of earth full of nutrients. The most natural, sustained and cost-effective form of manuring, in that the nutrients from rootstock and waste wood are returned to the natural cycle.

Good for the soil, good for your business.

Working forestry, agricultural and infrastructure areas with an AHWI rotorvator is definitely worth it. For example when recultivating plantations. This is because the rotorvator spares you the laborious and machine-intensive jobs of removing and disposing of rootstock. For you, this means: lower personnel costs, less time expenditure and fewer equipment hours.

You also benefit from a further advantage: The fact that the AHWI method of soil cultivation conforms to ISO standards will increase the acceptance and enhance the image of your business. This can constitute a definite competitive advantage when it comes to orders being placed.

Soil cultivation with depth effect.

The extremely robust and durable rotorvators from AHWI are designed for heavy-duty use in plantation management, in forest cultivation, in horticulture and landscaping, and in general farming and fruit farming applications. For forestation and recultivation of Christmas tree, fruit tree or oil palm plantations, and seedbed preparation but also for clearing working fields or introducing additives.

The vertical design of the machine facilitates leading grinding operation as a reversing grinder. The technology and mechanical equipment have been demonstrating their capabilities for many years across the globe in all climate zones and with all soil compositions. Suitable for carrier vehicles with three-point power lift.



Encouraging growth: The AHWI rotorvator helps you to create the best conditions for growth for recultivation and new seed.



Simply well-built: the RFL700

The attachment machine for carrier vehicles of 140–190 HP with CAT II or CAT III three-point power lift. To a working depth of 30 cm. 48 fixed carbide tools provide for high grinding performance and low costs. Good manoeuvrability, as the machine's centre of gravity is close to the carrier vehicle.



The heavyweight: RF1000

The attachment machine for carrier vehicles of 260–400 HP with CAT III three-point power lift. To a working depth of 50 cm. 64 exchangeable carbide tools provide for high grinding performance and low costs. The AHWI R1000 guarantees outstanding performance, even under the most difficult grinding conditions.



With depth adjustment: RF800

The attachment machine for carrier vehicles of 180–300 HP with CAT III three-point power lift. To a working depth of 40 cm. 48 exchangeable carbide tools provide for high grinding performance and low costs. Optimized centre of gravity simplifies handling.



The multitalent: S700-650

The new S700-650 for carrier vehicles of 100–240 HP has been developed first and foremost for use with row crops, eg for recultivating harvested Christmas tree plantations. It is available in two basic versions: as a strip grinder for tractor attachment and as a stump grinder for RT200 attachment. A wide range of options enables it to be modified so that it can be attached to both carrier vehicles.