

**The right choice for your establishment**

- **Forestry and plantation management:** recultivation of forest and palm oil plantations, new cultivation preparation, selective rootstock clearance, land preparation for extensive mulching and rotary clearance.
- **Infrastructure projects:** building site clearance, road construction, rootstock clearance in difficult-to-reach places such as cemeteries, roadsides or parks.
- **Horticulture and landscaping:** landscape conservation, rootstock removal



**Powerful:** The individually exchangeable carbide-tipped teeth and scraper chisels fitted to the grind wheel deliver considerable impact necessary for efficient grinding.



Model	Performance class	Grind wheel diameter	Weight in kg	Exchangeable bolted tool placements	Mechanical drive	Hydraulic drive	Reverse milling function
SF600H	65–125 litre/min	600 mm	310	Abrasion plates with carbide-tipped teeth		X	
SF900	80–180 HP	900 mm	1,300	Abrasion plates with carbide-tipped teeth and scraper chisels	X		X Optional
SF900H	90–280 litre/min	900 mm	730	Abrasion plates with carbide-tipped teeth and scraper chisels		X	
SF1000	200–400 HP	1,000 mm	1,950	Abrasion plates with carbide-tipped teeth and scraper chisels	X		
SF1100	150–260 HP	1,100 mm	3,200	Abrasion plates with carbide-tipped teeth and scraper chisels	Combined		

*The environmentally friendly method of removing rootstock.*

Dealer

The AHWI Stump Grinders





## Grinding instead of root extraction

The conventional root extraction methods place the forest floor under a great deal of stress; the humus layer is often ruptured on a large scale, and the natural ground formation, with all its complex structures and sensitive ecosystem, is destroyed. The heavy-weight bulldozers required for the task damage the forest floor even further, and the resulting cavity can cause water logging and soil erosion.

The more ecological alternative: the AHWI Stump Grinder. In strong contrast to root extraction, the grinding of the rootstock is just minimally invasive to the soil structure, and the milled organic material is returned to the natural cycle, thereby throwing a protective layer over the ground and providing it with nutrients as it decomposes. These are the ideal prerequisites for subsequent reforestation.

## Precise even to the roots

AHWI Stump Grinders can be pivoted in both radial and axial directions. In this manner, the rootstock can be ground accurately to a depth of approx. 120 cm below the soil surface according to requirements and depending on the equipment type. The stump grinders are so ergonomically optimized that the operator has full view over the complete work area at all times.

The grind wheel, with its individually exchangeable carbide-tipped tools, delivers not only a considerable punch but is also designed to ensure maintenance costs are minimized. Uncomplicated bolted tool connections permit rapid tool exchange, and the tooling arrangement has been cleverly constructed for a highly efficient grinding process without operational cost compromise.

## Less expense, lower costs

This procedure is also worthwhile when viewed in economic terms since with the AHWI Stump Grinders you make a two-fold saving. Firstly, the acquisition and operational costs are lower than that of a clearance machine and secondly, there are no costs associated with either the shredding process or the final rootstock transportation.



**Obliteration grinding:** The AHWI Stump Grinders convert rootstock into nutrient-rich mulch in an instant.



**SF600H:** For precision stump grinding in poorly accessible locations.



**SF900:** The stump grinder with a pivotable boom and max. grinding depth of 90 cm.



**SF900H:** Higher performance class as the SF600H and configurable with optional scraper chisels.



**SF1000:** The auxiliary attachment unit for the AHWI RT400 crawler tractor with a grinding depth of 35 cm max.



**SF1100:** The stump grinder for extreme conditions with a grinding depth of approx. 120 cm.