

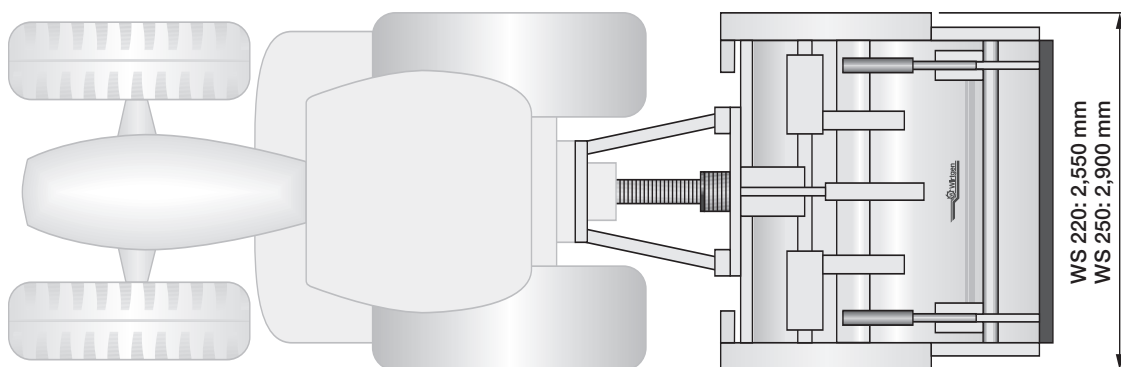
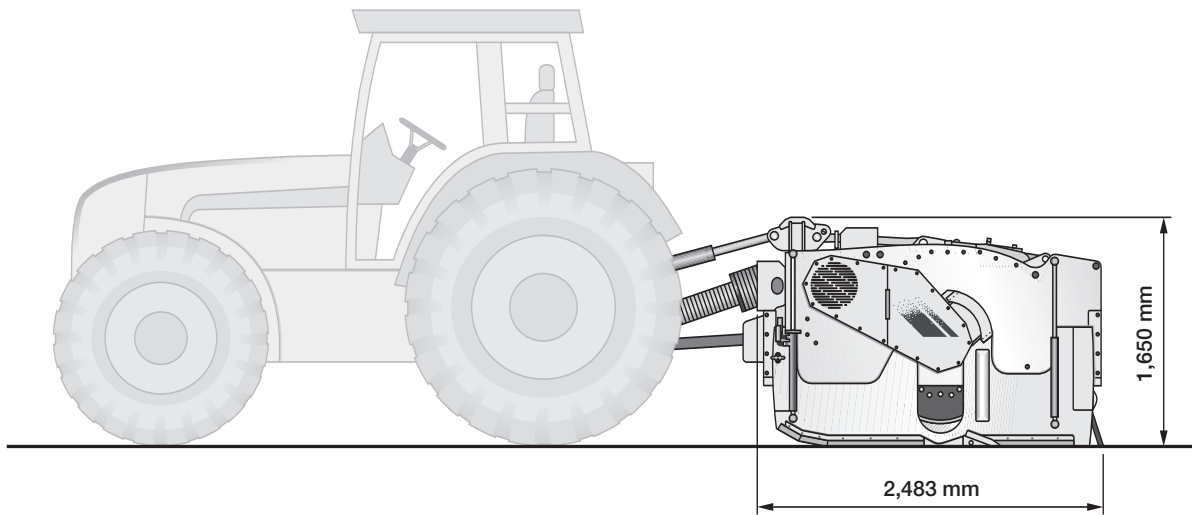


Technical specification

Tractor-towed stabilizers WS 220 and WS 250



Dimensions in mm



Basic design

Soil stabilizer with mechanically driven milling and mixing rotor, designed for attachment to a tractor.

Machine frame

Welded structure made of high-strength steel. All components are readily accessible for maintenance and servicing.

Mounting principle

The stabilizer can be mounted to the tractor quickly and with standard tools. The three-point hitch is of standardized design. A specially designed top link is available as an equipment option.

Milling and mixing rotor drive

The milling and mixing rotor is driven via the tractor's power take-off. Dual mechanical belt drives left and right ensure optimum efficiency and optimum utilization of the tractor's power. The tractor's power take-off is protected against overloading by means of a safety coupling provided by the stabilizer.

Milling and mixing rotor

Pre-spread binding agents are mixed in homogeneously. The milling and mixing rotor can optionally be equipped with the HT11 quick-change toolholder system. The toolholders are welded onto the rotor body, accommodating the point-attack cutting tools.

Scraper blade

A pre-tensioned, spring-actuated scraper blade behind the rotor ensures correct contact pressure and is adjustable hydraulically. The mechanically adjustable levelling blade at the bottom part of the drum flap ensures an even and smooth milling texture regardless of the working depth.

An adjustable splash guard at the front protects against stone chipping and reduces the development of dust. It can be individually adjusted to the prevailing conditions hydraulically.

Cutting tool replacement

The entire unit is easily accessible for the replacement of cutting tools. The quick-change toolholder system reduces the time needed for the completion of rehabilitation projects to a minimum. The pneumatic tool extractor, which is available as an equipment option, reduces the time needed for tool replacement.

Milling depth control

The working depth is set via the tractor's rear power lift and is indicated at the side plates. A digital milling depth indicator can optionally be installed on the tractor, permitting ergonomic operation by the machine driver.

The working depth is determined via ultrasonic sensors which are fitted to the left and right side of the machine. The side plates serve as material guides and protection devices. They do not penetrate the soil and are designed so as to move over the surface effectively, enabling the full power of the tractor to be utilized for the milling and mixing operation.

The eccentric gearbox in the milling and mixing rotor enables an even greater milling depth.

Electric and hydraulic connections

Electric and hydraulic power are obtained from the tractor's electric and hydraulic systems respectively.

Transport safety

The machine can be lashed down on a low-bed trailer or loaded by crane by means of lashing lugs.



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