



Attachment Tamping Unit AST 8 SUW

The attachment tamping unit AST 8 SUW is a compact tamper to be attached on two-way hydraulic or mobile excavator. It can be moved along on the tracks.

Primary use is at main tracks and sidings, connecting sidings to private tracks and at rail/road crossings. The track guidance system facilitates the job and the excavator operator and it improves the work quality of the tamping unit. Lowering and raising of the rammers into the ballast is effected by means of lifting cylinders. They are positively guided by chrome-plated guide columns and adjustable guide rollers at the frame.

The hydraulic power supply is provided through the carrier vehicle (excavator). Quick connecting fittings ensure the simple and safe connection to the hydraulic system.

Using the mechanical spindle adjustment, the tamping unit AST8 Suw can be set-up for track gauges of 1,000, 1,067, 1,435 and 1,600 mm.

Further development of the track-guided tamping unit has led to the use of the device at switches, too.

In switch sections, a supporting beam is used, and the tracking wheels no longer have any rail contact. The beam rests on the rail face, and as such it also provides a height reference. Lifting and repositioning the tamping unit with a service crane allows for the use of the tamping unit almost along the full length of a switch section. One tamping element can be locked in the raised position. Thus the now smaller effective tamping footprint can be used for ballast tamping in otherwise restricted spaces.

Advantages of using AST 8 SUW:

- Substantially improved ballast tamping performance with the tracked undercarriage
- Better ballast tamping quality
- Simplified work processes for easier handling and control
- Simple mechanical set-up for track gauges



Technical Data:

Track width	:	1,000, 1,067, 1,435 + 1,600 mm
Length	:	app. 2,000 mm
Width	:	app. 2,200 mm
Height	:	app. 2,000 mm
Weight (depending on type) e.g. 1,435 mm track width :	:	app. 2,200 kg
Hydr. System performance	Drive motors	: 75 l / min at 150 bar
	Closing cylinders	: 50 l / min at 110 bar