Universal tamping machines

Tamping machines are used for raising, straightening and tamping track. There are two kinds of tamping machines: continuous tamping machines and point tamping machines. The continuous tamping machines have movable tamping units that can be operated independently from each other. Tamping tines (i.e. vibrating arms) vibrate into the ballast, before moving together to squeeze the ballast under the sleepers. The measuring equipment on the tamping machine ensures that the level is accurate to a few tenths of a millimetre.

09-16 tamping machine

The 09-16 tamping machine has a satellite enabling it to tamp one sleeper at a time. It is used for raising, straightening and tamping track. The machine has a satellite enabling it to tamp one sleeper at a time. This is a continuous tamping machine that propels itself slowly forward as the tamping unit moves underneath, thus achieving a high working rate.
09-32 tamping machine
The 09-32 tamping machine has a satellite enabling it to tamp two sleepers simultaneously. It is used for raising, straightening and tamping track. The machine has a satellite enabling it to tamp two sleepers simultaneously. This is a continuous tamping machine that propels itself slowly forward as the tamping unit moves underneath, thus achieving a high working rate.

09-3X tamping machine
The 09-3X tamping machine is used for raising, straightening and tamping track. The machine has a satellite enabling it to tamp three sleepers simultaneously. This is a continuous tamping machine that propels itself slowly forward as the tamping unit moves underneath, thus achieving a high working rate.

Minima 2s tamping machine
The minima 2s type is a small straight track machine suitable for train, tram and metro tracks. The machine is transported by truck. A minima can tamp both normal and double sleepers.

08-275 universal tamping machine
The 08-275 universal tamping machine is used for raising, straightening and tamping points and track. The machine has an ALC for track geometry, allowing a recording to be made of the track. It also has a brush. The machine works well on junctions and sidings with curves of 100 metres or more.

08-275-4ZW Point tamping machine Unimat
This point tamping machine is meant for the raising, lining and tamping of points and track. This compact tamping machine can be transported either by track or by road (truck). The machine is suitable for most types of metro track.

The machine is used by Strukton Rail Nordic, with Stockholm as its home basis, but can also be used elsewhere in Europe.

GWS 75 Point tamping machine Unima
The GWS 75 Unima is a small universal point tamping machine. It has one stopping device in front of the machine, which can be moved to the left and to the right. This enables the machine to tamp any spot on the track. The machine itself is not able to raise or line the track. The machine is equipped with several lifting jacks for raising the track, which must therefore be done manually.

The machine is transported by road (truck) and placed onto the track with the crane of the truck. The GWS 75 Unima is suitable for train, tram and metro tracks.

08-475 / 4s universal tamping machine
The 08-475 / 4s is used for raising, straightening and tamping points and track. The universal tamping machine has an ALC for track geometry, allowing a recording to be made of the track. The machine has a DAR recorder for registration purposes. The universal tamping machine also has a curve laser and a brush. The third lifting arm makes the machine ideal for concrete points.