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**Machine Ref:** A1-GEK104
**Description:** Spiked Lattices
**Manufacturer:** German

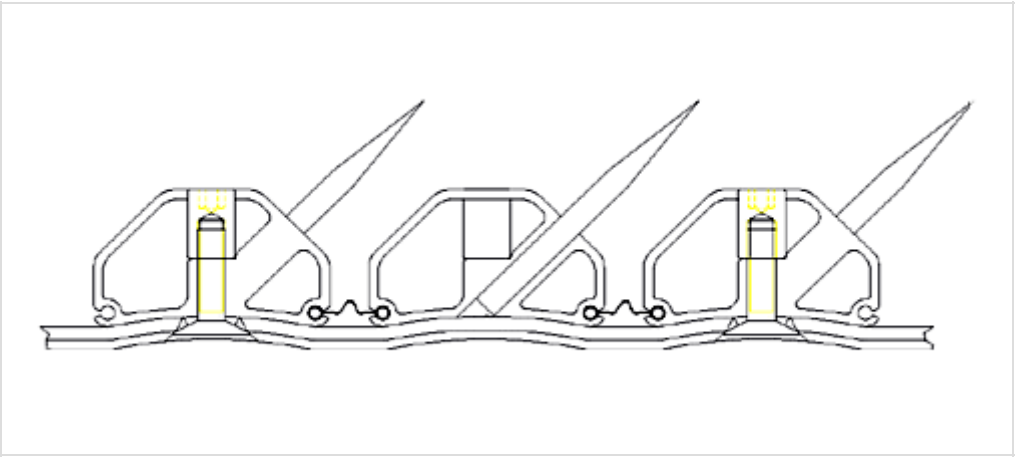
# Spiked Lattice PAT5030

## General

The new aluminium profile PAT5030 has been specially developed for use with bale openers and heavy-duty hopper feeders. Highest stability and smooth surfaces are guaranteed when using aluminium laths, which may be required for example when processing large amounts of thin and fine fibres or opening compact bales. Low maintenance requirements keep costs low and makes the use of this spiked lattice very interesting.

## Advantages

- Durability
- Very stable laths and spikes
- Problem-free replacement of laths in mounted condition
- Quality workmanship
- Smooth surface makes cleaning easier when changing batches



## Description

A very durable and easy to maintain spiked lattice belt has been created using this system. This has been achieved by the following details:

- The aluminium lattice PAT5030 with a cross section of 50 x 30 mm offers a smooth surface. The profile was designed as a hollow core to reduce the weight. However, the profile is still solid at the pin positions. This assures that the spikes have a good hold in the lath. The distance from lath centre to lath centre is 64 mm or 70 mm as a standard. Other pitches are available on request.
- The laths are fastened using galvanized screws M6 and special hardened steel bolts.
- The pins have a standard 5,4 mm diameter and a length of 53 mm or 63 mm. The pin angle is 45 degrees. Other lengths are available on request.
- As a standard, the spiked lattice is equipped with transilon belts. These belts consist of PVC-coatings with three (3) layers of polyester fibres inside. These are for the most part resistant to chemicals and humidity. The width of the belts is variable and needs to be adjusted to their use. The bolt screws are sunk into the coating of the belts.
- The polyester web straps seal the gaps by their insertion between the lattices. Woven plastic threads make them absolutely resistant to removal. Strap removal is prevented by pressing the channels together at lath end.
- The endless connection in the machine is an overlapping, screwed nonpositive belt connection over 3 or 4 laths