

Machine Ref: A1-GEK105
Description: Spiked Lattices
Manufacturer: German

Spiked Lattice PAS3020

General

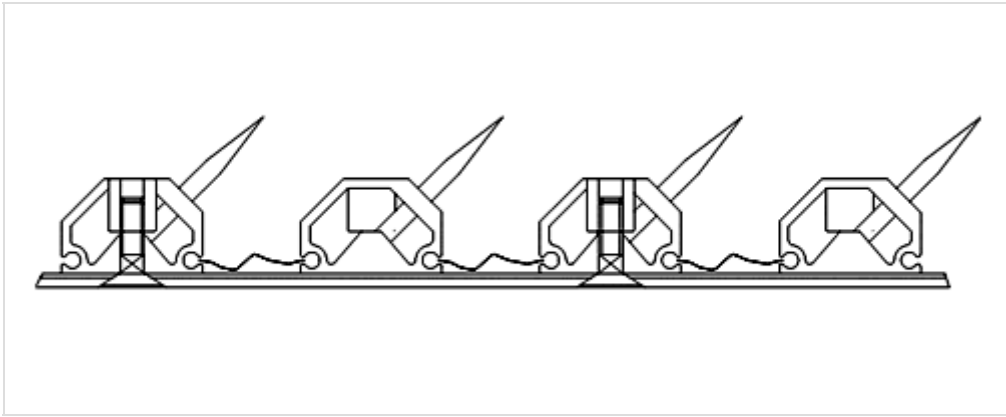
The new aluminium profile PAS 3020 was specially developed for use with hopper feeders, milling cutters in particular for roll removal and course fibre disbandment.

The spiked lattices manufactured in this manner can be equipped with the reliable polychrome belts, transilon belts as well as toothed belts based on application and load situation. The latter makes it possible to install a geared drive in connection with toothed wheels. This prevents belt slipping.



Advantages

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



Description

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

- The aluminium lattice PAS 3020 with a cross section of 30 x 20 mm offers a smooth surface. The profile was designed as a hollow core to reduce the weight. However, the profile is still solid at spike positions. This assures that the spikes have a good hold in the lath. The distance from the lath centre to lath centre is 50,8 mm as a standard. Other pitches are available on request. To prevent tarnishing of the aluminium, the laths can be equipped with an anodized surface.
- The laths are fastened using galvanized screws M5 and special hardened steel bolts.
- The pins have a standard 4 mm diameter. The pin angle is 45 degrees.
- The belts are available in a selection of materials and designs.
 - polychrome belts; with leather coated polyamide cores, the screw heads are sunk into leather. Width as chosen individually.
 - toothed belts for shaft diameters > 300 mm. 50 mm wide polyester belts reinforced with special fibres. Large teeth, connected by screws to the belts and laths, assure the additionally necessary frictional connection.
 - toothed belts for shaft diameter < 300 mm are equipped with non-driven intermediary teeth. These ensure low noise and low wear operation, even for small shaft- or wheel diameters.
- Toothed belts for shaft diameter < 300 mm are equipped with non-driven intermediary teeth. These ensure low noise and low wear operation, even for small shaft- or wheel diameters.
- The endless connection in the machine is an overlapping junction of the belts over 3 or 4 laths and is made by screw connection.