

**PaperSpike 2G, Grumbach u. Petermann, type 2500, yoc 2019, throughput capacity 10 up to 12 t/hour, with accelerator belt and discharge conveyor**



These are two PaperSpike 2 G lines integrated in a paper sorting plant and will be in operation until October 2022, after which they will be replaced by larger units.

**Technical data PaperSpike 2 G:**

Manufacturer Grumbach und Petermann GmbH

Type 2500

Year of construction 2019

Dimensions accelerator belt 3,000 x 2,980 x 600 mm (l x w x h)

Weight 1,100 kg

Dimensions PaperSpike sorting unit 2,480 x 2,982 x 1,805 mm (l x w x h)

Weight 3,100 kg

Dimensions PaperSpike 2G complete 5,450 x 3,480 x 1,805 mm (l x w x h)

Weight 4,600 kg

Dimensions paper discharge conveyor 3,400 x 1,200 x 650 mm (l x w x h)

Weight 400 kg

**Electrical equipment of the entire system:**

Voltage 380 - 420 V

Connected load 9.5 kW

Current consumption 20.34 A

**Operating principle:**

The material is fed in as dry and thin a layer as possible, preferably a monolayer, evenly over the entire width on the accelerator belt.

The sorting roller with the spikes pulls the mixed paper from the chute, while cardboard boxes are impaled and held by the spikes. Material (paper) with low stiffness (newspapers, magazines, brochures, etc.) is not held by the spikes and falls into a paper bunker or onto a discharge conveyor after the chute. The spiked

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cardboard boxes are knocked off the sorting roller by the knock-off shaft and then fall onto the cardboard removal belt or into a separate bunker.

### **Throughput capacity:**

Depending on pre-sorting, the nature of the feed material and machine settings, between 10 and 12 tonnes per line, per hour can be processed.

### **Scope of delivery:**

2 pieces PaperSpike 2G incl. 2 geared motors

2 pieces accelerator belt incl. gear motor

2 pieces paper discharge belt incl. gear motor (The cardboard discharge belt is **not** for sale and is therefore **not** included in the delivery!

There are two lines available for sale. Depending on the customer's request, either one unit or both units together are sold. The sales price always applies to one unit.

### **Comments:**

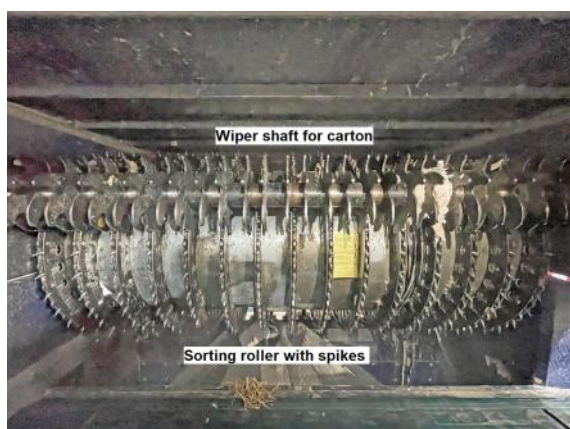
The plants are expected to be dismantled by the end of October and will then be ready for loading.

The documentation (Manual, CE-declaration, electr./hydr.-drawings), are completely available.

Inspections are possible after agreement. We will not assume liability for the given technical data and possible errors.



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