

Gema Switzerland GmbH – Hildebrand Technology

## Moving into the future with a new building

**Gema Switzerland GmbH completed its new building in Gossau in 2024. Since summer 2024, electrostatic and web cleaning systems are being developed, assembled and shipped all over the world from there.**

The new building has a number of highlights. In addition to production and office space, a modern high-bay warehouse is also integrated on the site, which covers more than 20,000m<sup>2</sup>. The production area has increased significantly compared to the old location. With the new building, Gema is not only ideally equipped for further growth but also offers very attractive working conditions with its state-of-the-art infrastructure and optimal connections.



The new Gema building in Gossau

### Electrostatic components with 'Swiss quality'

The well-known Hildebrand electrostatic components, web cleaning modules and slitting dust extraction hoods are also manufactured at the new location in Switzerland. The 'Swiss quality' is appreciated by Hildebrand customers worldwide.

Visitors and potential customers can now also test their own material with the SLITstream slitting dust extraction system in the new Hildebrand customer laboratory in Gossau. For this purpose, two shear cutters were installed and equipped with SLITstream extraction hoods. The Hildebrand customer laboratory has become firmly established because customers can see the systems in action and also participate 'hands-on' in the test. Hildebrand is happy to welcome visitors to the company so that they can be there live during the test. Alternatively, customers can also participate via MS Teams and follow the test online with the help of several cameras.

### iONstream 4.0 discharging systems

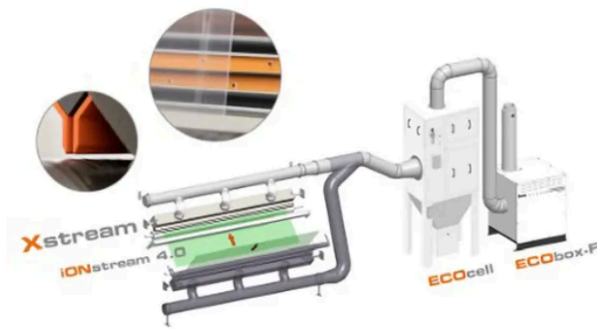
Hildebrand is proud to say that his customers are very satisfied with the iONstream 4.0 discharging systems and the service. Contact persons from larger corporations who have given Hildebrand preference confirm that the iONstream 4.0, including the CANbus system and the ATEX variant, is the 'most advanced ionisation system on the market'.



The Hildebrand Technology Customer Lab

The iONstream 4.0 discharging bars are robust and have proven themselves in industry, even under the most demanding conditions. They can be used as a stand-alone product or easily integrated into a network. Further features and advantages of the iONstream 4.0 are:

- » AUTO DC Technology up to 100Hz for improved discharging
- » 24V DC power supply, all components and high-voltage generator integrated in the profile, therefore no high-voltage cables, which makes operation safer
- » Extremely high effective power
- » Network-capable via CANbus
- » Plug & Play for easy installation
- » Data visualisation via iONcontrol Panel
- » Data transfer possible via WLAN, OPC and any field bus
- » 100% process control with data recording of system parameters
- » Optional TQM Static Sensor for logging the residual charge, for quality assurance towards the end customer



**Diagram of the Xstream web cleaning system**

- » Touch-proof according to EN 60335
- » Also available with certification for: ATEX II 2G IIB T6 and II 2D IIIB T85 °C Certification number PTB 21 ATEX 5003 X

### Xstream web cleaning system

The Xstream web cleaning system has proven itself in industry for decades. Both in clean rooms, where less dust is generated, and in the nonwovens or tissue industry, Xstream provides efficient web cleaning even at high speeds and with high dust volumes. Xstream works without contact, without consumables and is virtually maintenance-free. This is also confirmed by customers who have been using Xstream for more than 10 years and, based on their

positive experiences, are asking Hildebrand for another system for a new plant. Xstream has already been successfully used for material widths from 300mm to 12,000mm. The combination with the iONstream 4.0 -AUTO DC ionisation system, which discharges the substrate prior to extraction, the high-performance vacuum blower and the appropriate filter system, makes Xstream a highly efficient web cleaning system with the best and most consistent performance. If required, Xstream can also be used in a network, and the vacuum, position of the Xstream modules and efficiency of each individual iONstream 4.0 discharging bar can be monitored and visualised.

### Retrofits

Retrofitting has become an important topic, especially in the field of electrostatics. Many new customers have already been using several electrostatic discharging systems in their plants for years. In the past, the wrong discharging positions and/or incorrectly dimensioned systems may have been selected. Hildebrand, with its motivated and experienced team, offers professional support in analysing the situation, determining the installation positions and testing with iONstream 4.0 discharging bars. If required, Hildebrand also offers installation, commissioning and training. It is important to Hildebrand that customers are actively supported and not left alone. Among other things, they appreciate the Hildebrand team's fast response time and willingness to travel.



[www.hildebrand-technology.com](http://www.hildebrand-technology.com)

Image source: Gema Switzerland GmbH