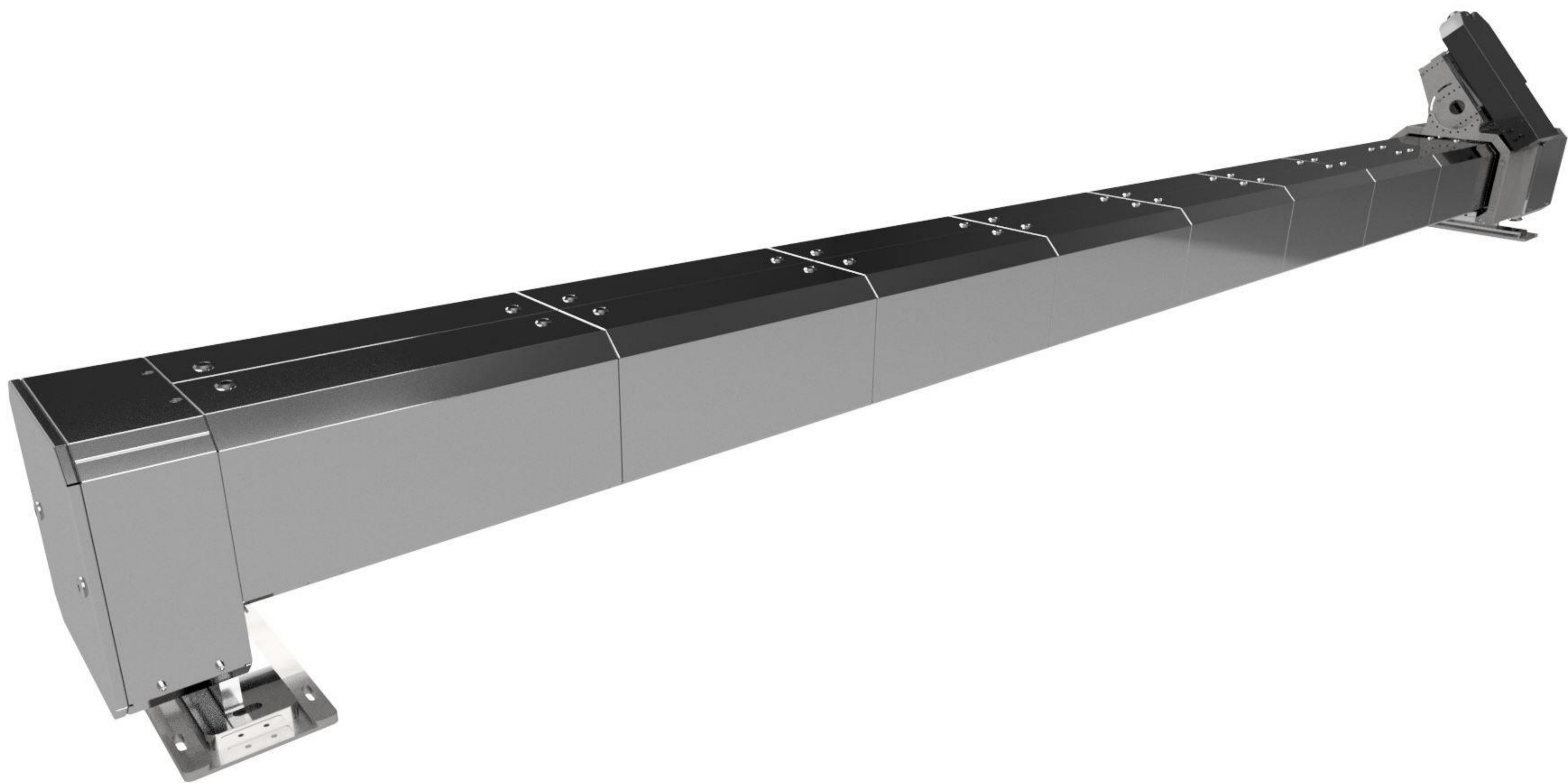
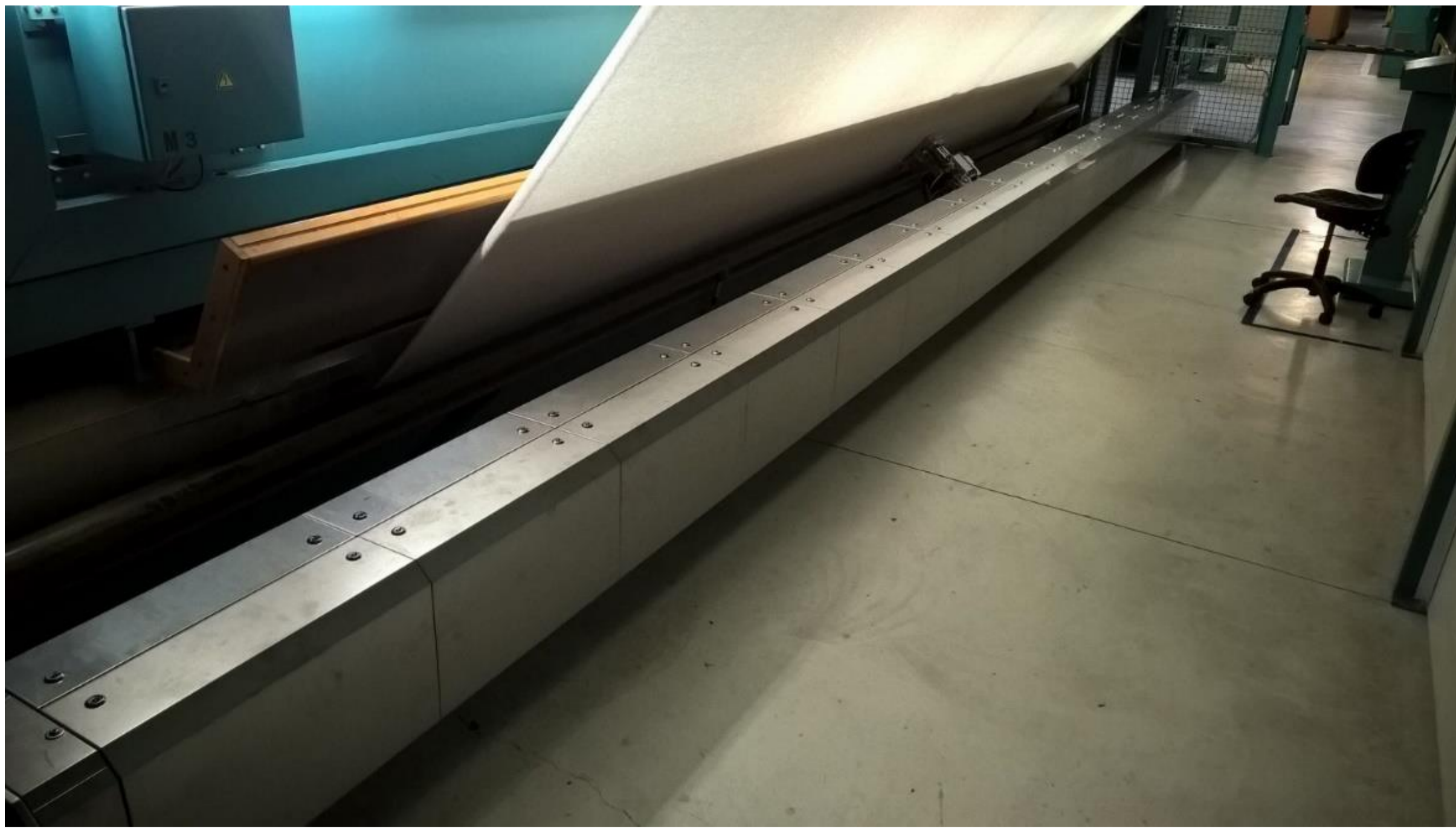


SCIENTA 9145 SCANNER FRAME



- ✓ **Single-sided Scanner Model with Stainless Steel cover plates**
- ✓ **Up to 15.000 mm beam width**
- ✓ **Very durable scanner with large payload capacity; simple interface and integrated motor drive**
- ✓ **Optional Y-axis movement for the measuring head**

INSTALLATIONS



Nonwoven felt fabric installation



Pulp Dryer line installation before dryer using single-sided scanner and Microwave Sensor

FEATURES

The Model 9145 single sided scanner is designed for tough environments such as press section in paper machines. All cover plates of the scanner is made of stainless steel and components for high temperatures and high humidity levels.

The 9145 scanner responds to web breaks and other external commands. Temperature monitoring of the cooling system & electronics are included as well as air flow for sensor windows.

A large duct fan blows air into the frame keeping the scanner frame pressurized.

Standard features of Scienta Model 9145 scanner are an AC electrical motor with a sealed gearbox, end limit switches and a linear track with stainless steel parts. A standard frequency inverter enables a smooth and fast response and controls the sensor movement on the web. The scanner is controlled by a standard PLC.

A tooth-belt driven linear track guides the sensor movement on the web. Not only does this guarantee accuracy, but it is tough enough to ensure years of trouble free operation.

The Scienta sensors are either in a single point or scanning and include sensor cooling if needed.

TECHNICAL SPECIFICATIONS

Scanner Type	9145
Construction	Stainless Steel box frame on a 160x180mm H-beam machined support
Dimensions	Scanner width max. 15m
	Frame Size 185x260mm
	Sensor weight up to 50 kg allowed
Frame Weight	30kg/m + beam weight
Scanning Speed	100-400mm/s, electrical motor controlled by inverter
Head Positioning	Accuracy +/- 2mm

Scanner Type	9145
Max. Ambient temp.	130°C using air cooling
Power Requirement	110-230 VAC, 50/60 Hz, 1 kW max.
Drive belt	Steel reinforced PU timing belt
Motor drive	60 W AC
Guiding system	8 large neoprene covered wheels on machined steel guides
Instrument Air	6 bars (90psi) oilfree
	0,01 um filter, 50 l/min