

SCIENTA 9110 SCANNER FRAME



- ✓ Medium Size Scanner Model with Stainless Steel covers
- ✓ Up To 6.000 mm beam width
- ✓ Withstands dust and abrasive particles very well
- ✓ Integrated PLC with a choice of brands and models

INSTALLATION EXAMPLES



Tissue paper installation, dry paper



Pulp mill installation, dry end scanner

FEATURES

Dimensionally stable scanner construction ensures precise sensor alignment. Model 9110 derives its exceptional mechanical stability from a steel I-beam construction.

Sealed bearings with large diameter wheels assure smooth traversing with minimum wear.

Enclosed by external covers. Model 9110 scanner provides for rigidity with I-beams, steel-reinforced drive belt and climatized construction.

Precision positioning. Model 9110 scanner is driven by an inverter controlled AC motor, providing accurate control of speed and acceleration and precise positioning of +/- 3mm in single point.

Sheet temperature management and compensation of sensor readings are standard features. The head gap temperature is managed by using heated air curtains.

Scanners may be interconnected with any control and profiling system or mill information system.

TECHNICAL SPECIFICATIONS

Scanner Type	9110
Construction	180x160mm plated I-beam steel construction bolted onto 20mm thick end plates
Dimensions	Scanner width max. 6800mm Beam width max. 6000mm
Width requierement	Machine direction 422mm
	With 3 sensors at 0° pass angle: 600mm
Frame Height	1170mm
Frame Weight	1000kg plus 100kg/m
Head Positioning	Accuracy +/- 3mm

Scanner Type	9110
Scanning Speed	100-300mm/sec typical, governed by inverter assuring smooth operation.
Power Requirement	110-230 VAC, 50/60 Hz, 1 kW max.
Drive belt	Steel reinforced PU timing belt
Scanner drive	120 W AC with heavy duty tooth-wheel gear box
Guiding system	10 large diam 80mm neoprene covered wheels supported by I-beam
Instrument Air	6 bars (90psi) oilfree
	0,01 um filter, 100 l/min