

Silicon Steel Slitting Line

SREE

SRZJ1250 class, 10 t coil, up to 11 knife pairs

What it is for

Slitting lines that cut master coils of electrical steel into strips for cut-to-length lines. Servo blade-width adjustment, controlled rewinding tension and a hardened chrome-plated spindle keep strip edges clean and coils flat, including on 0.18 mm gauge.

Headline specifications

Coil width	500 - 1250 mm
Coil weight	up to 10 t
Strip thickness	0.18 - 0.35 mm
Knife pairs	up to 11 (10 strips per pass)
Width tolerance	+/-0.1 mm
Shearing burr	under 0.02 mm

Why customers choose this line

- Spindle at HRC 50-59 with hard chrome plating over 0.1 mm; axial runout under 0.005 mm, radial under 0.01 mm.
- Servo blade-width adjustment: changeover in minutes and repeatable to the same width every time.
- 500 kg rewind tension, adjustable to coil tightness, so thin strip comes off flat and telescope-free.
- Coil cars, decoiler, slitter, tensioner and rewinder run as one programmed line under one operator.

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Full specification, configuration and acceptance

Full technical parameters

Machine model	SRZJ1250 class (10 t)
Coil inner diameter	500 mm
Coil outer diameter	up to 1200 mm
Mandrel expansion range	460 - 510 mm
Minimum strip width	40 mm
Slitting speed	0 - 120 m/min
Edge camber	under 0.2 mm / 2 m
Rewind tension	500 kg, adjustable
Installed capacity	approx. 54 kW
Line direction	right-hand or left-hand
Ambient conditions	up to 45 C, humidity up to 85 percent

Standard and optional configuration

- Loading and unloading cars, decoiler, entry guide, slitter, loop pit, tensioner, rewinder, exit car.
- Options: automatic knife setting, scrap edge winder or baler, packing station, strip storage interface (ASRS / RGV).

Acceptance and service

- Width, camber and burr verified on your own material at FAT where material is supplied.
- Installation, commissioning and operator training on site; wear part list with the machine.

Figures are reference values from delivered builds and technical files. Actual performance depends on material grade and flatness, lamination geometry, punching pattern and plant conditions. Binding specifications, scope of supply and acceptance criteria are fixed in the project technical agreement.