

## LTS 100-LP - SLITTING LINE FOR GRAIN ORIENTED SILICON STEEL



### TARGET

The slitting line LTS 100-LP is designed and built to slit the mother coils of grain oriented/not oriented silicon steel, obtaining then the smaller coils of required size to feed the core cut-to-length lines for the production of laminations for transformer cores.

### MAIN FEATURES

The slitting line is made up of machines whose co-ordination is managed by modern and reliable electronic controls and software.

Manufacturing accuracy, high performance and reliability of the line ensures width accuracy, low burr and high productivity.

The line can handle the functions necessary for the processing of the laminations, namely:

- Unwinding the coils with loop control;
- Slitting the strips with loop control;
- Motorized recoiling the slit strips with felt tension unit.



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## MACHINE COMPOSITION

### MAIN MACHINE :

- a) Motorized decoiler
- b) Coil loading system
- c) Introduction table with loop control
- d) Slitting machine with fixed head
- e) Edge scrap rewinder
- f) Cover tables with synchronizing speed
- g) Tension unit felt with deburring rolls
- h) Motorized recoiler
- i) Coil unloading system
- j) Pneumatic and hydraulic equipment
- k) Power cabinet, command console with HMI

### ACCESSORIES :

- 1) Set of knives and recommended tooling

## TECHNICAL DATA

### GENERAL

Total weight of the line	approx.	20000 Kg
Number of cuts	Included/max	10/20
Working speed	max	120 m/min

### MATERIAL CHARACTERISTICS

Lamination thickness	min/max	(0,18)0.23 / 0.50 mm
Slit width	min/max	40 / 1020 mm
Decoiler/Recoiler capacity	max	5000 Kg
Outer diameter	max	1300 mm

