

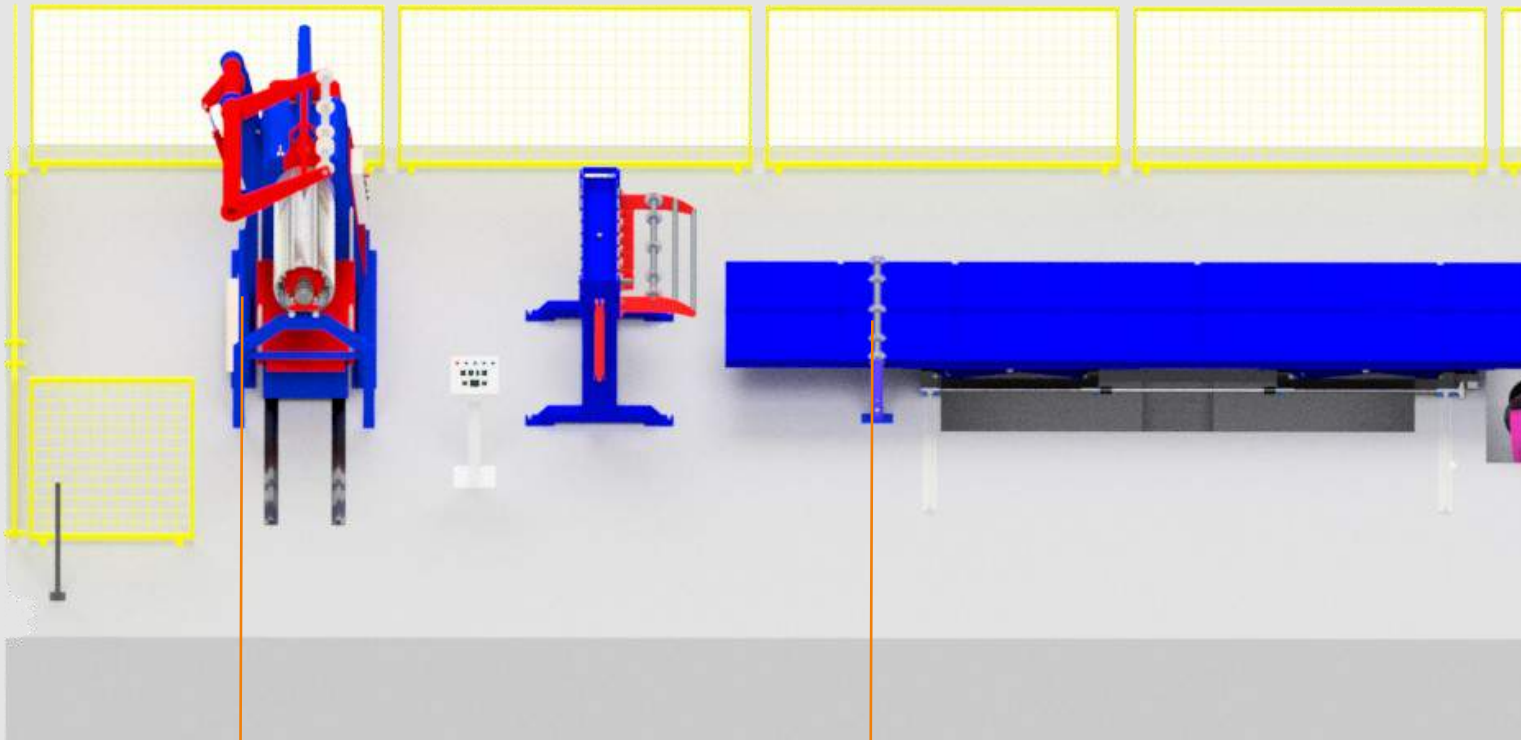


Coil processing line



Cut & length line

Cut and coil processing until 3mm thickness.



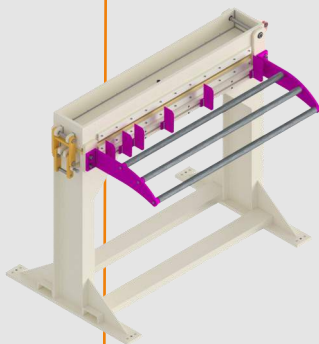
Recoiler EH1000

The hydraulic Recoiler Stefa have a maximum capacity up to 15 Ton, car lifting, mandrel with hydraulic expansion, coils puller and complete electric control.



Tensioner

Press felt to stretch sheet steel before recoiling.



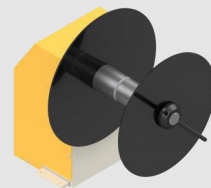
Perfect recoiling regardless of thickness.

Discharge table 6m

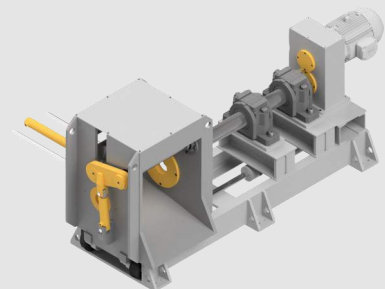
Table to receive the material with a length of 6 m. Hydraulic elevation and automatic positioning system depending stack height. Lateral displacement system for easy logistic.

Recoiler strips

A— Standard Recoiler strips with vector control.

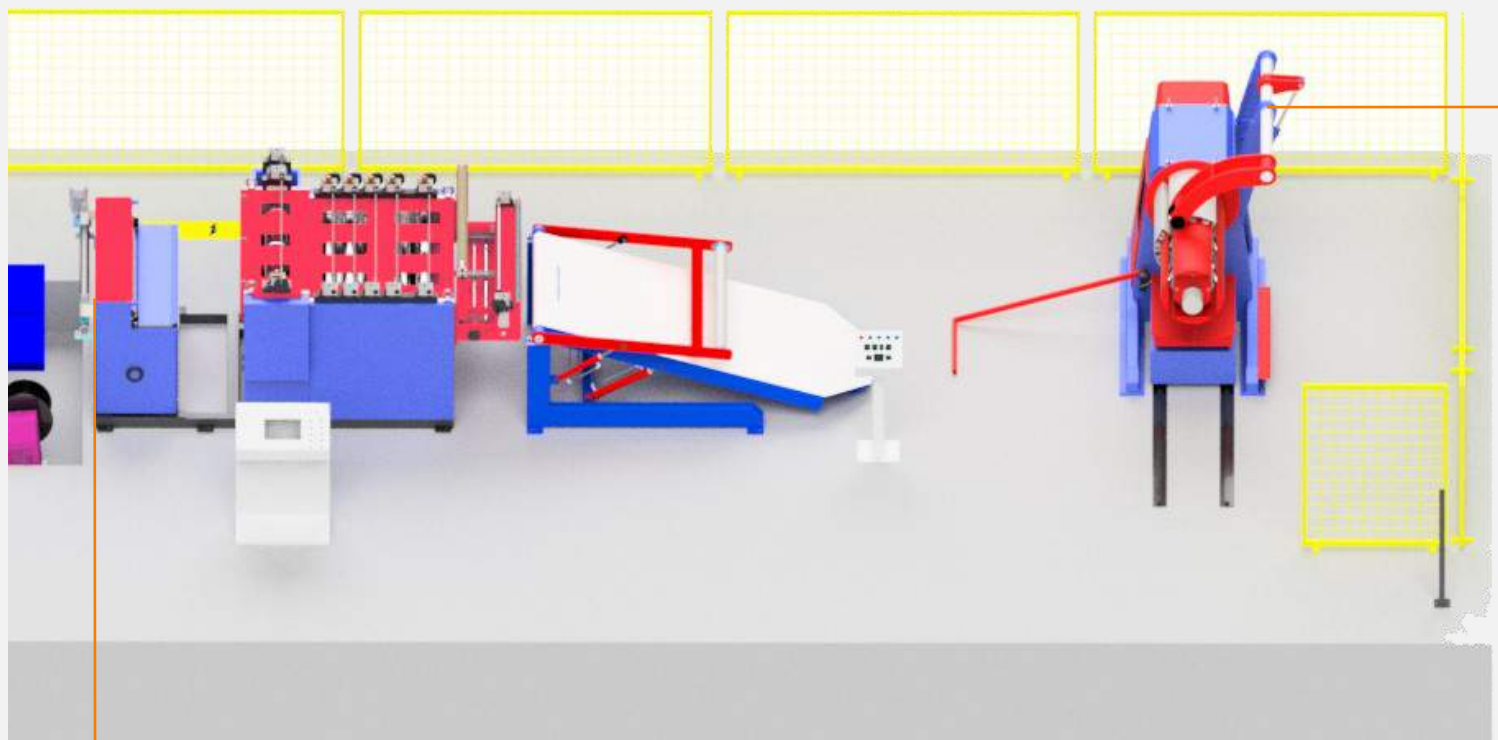


B— Hydraulic Recoiler strips with high speed rotation and easy remove of scrap.



Cutting line

The cutting line Stefa is a reference on sheet processing industry thanks to your reliability and minimum maintenance effort. The welded structure is robust by ensuring a long cycle of work. The cutting line is a compact unit with straightening system and mechanical shear. Optionally it is possible to place slitting unit with limited number of knives for longitudinal cutting.



1 Shear

Mechanical shear equipped with sharpen blades and a gearmotor that applies a force of 1 tonne per meter allowing the shear cutting up to 3 mm thickness, free from efforts on the structure.

2 Slitting unit

Circular blades with easy system to adjust the width strips. Number of knives, depending on the thickness of material, up to 18 (thinner material). Optionally, you can add a digital ruler for easy measurement position of the knives.

Is it possible to put high-performance knives, "sandwich" configuration and computerized calculation for the spacers.

3 Guidance with plasticizer

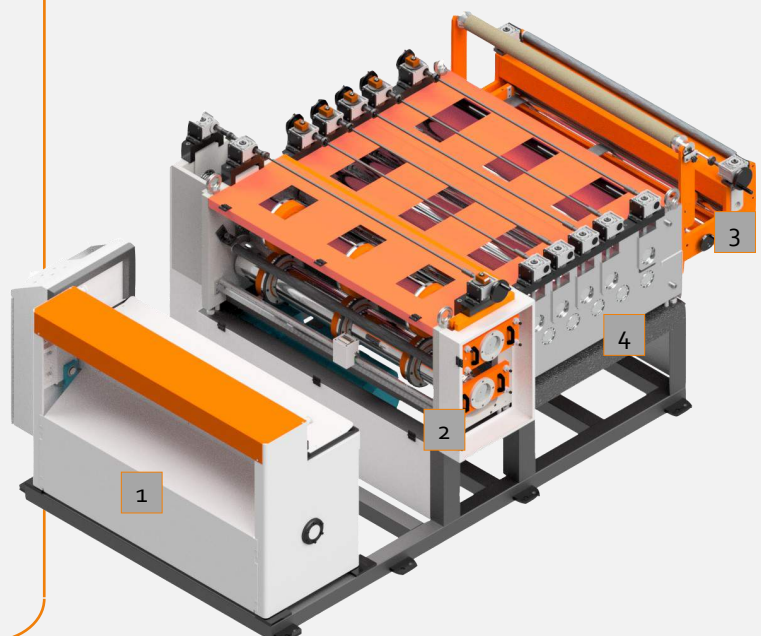
Protect coated material with plastic through roll placed before the pull rollers.

4 Straightening unit



The cutting line Stefa is equipped by a set unit of rolls to make a correction on the material that comes from coil.

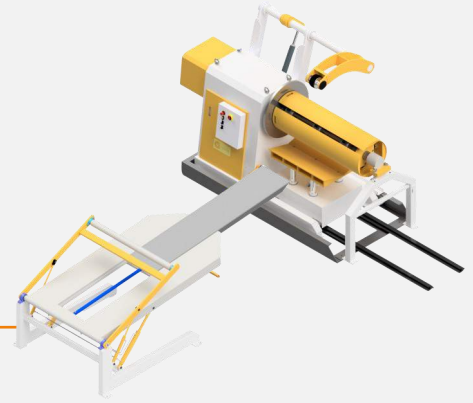
With models up to 9 straightening rolls (4 upper and 5 lower) and a diameter of 140 mm, is possible to adjust the vertical position of the straightener to remove the natural deflection of the coils.



Decoiler and entry table support

Stefa DH1000 decoiler have a load capacity up to 10 Ton (you can add support to increase to 15 Ton.). The decoiling movement is progressive and follows the speed of the cutting line. It can be equipped with lateral displacement, lifting car and support arm.

The entry table have the function of helping the operator to insert the sheet steel into the cutting line, which is very useful on thicker material.



Automation 4.0



Full control in your hands

The operator controls all electrical elements of the machine through advanced automation platform specially builded for the slitting lines Stefa. All drives are integrated on a fast network that allows get and processing data, alarms and settings and it will reflect a greater productive in the use of the machine.



Radio-frequency command

Get freedom of movements with radio control in the complete slitting line. You can control the main operations of the line through the radio frequency technology within a radius of 100 m.

Technical characteristics

Thickness model	1,5 mm	3 mm
Straightener rolls	5	9

Maximum cutting capacity	1,5 mm	3 mm
No. of maximum slitting knives	8	4
Diameter of slitting shafts	100 mm	200 mm
Diameter of slitting knives	180mm	295 mm

Gearmotor power	5,5 kW	15 kW
Max. width	1500 mm	
Maximum speed*	50m/min	
Weight	1500 kg	3500 kg