ekicontrol

coil processing lines

DISCOVER YOUR UPCOMING CUTTING LINE

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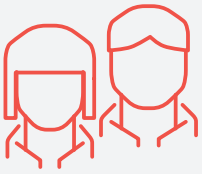
ekicontrol

We are manufacturers of coil processing lines

Together with the leading companies in their sector, we design customised solutions tailored to every need



Share your idea with me and we will work together on the solution.
JON Navarro Labaka
CEO ekicontrol



A Family Company

Ekicontrol Coil Processing Lines is a family company located in the Basque Country, Spain, since 1986. We design, manufacture and install coil processing lines for carbon steel, stainless steel, and aluminum metal coils.



With Extensive Experience

We manufacture slitting, cut-to-length, multiblanking lines, combined cutting lines to cut and wind simultaneously, complete press feed lines, lines with special requirements, with internal punching, profiling, as well as peripherals such as uncoilers, loading cars, straighteners, rollers, static shears, flying shears, stacking tables, packaging, etc.



Projected towards the Future

We have been providing solutions to our clients around the world for more than 30 years. We offer the highest European quality standards. We have shown that we know how to listen to our customers to work together and find the right solution at all times, for each need.



BENEFITS OF STARTING THE PRODUCTION PROCESS FROM COIL

SAVINGS IN RAW MATERIALS
The purchase of coil instead of format implies an average saving of 5% in raw material cost. We make the most of the coil length, thus wasting less material. This way, we will achieve a greater benefit for our final product.

LESS STORAGE SPACE
The coils take up much less space than the traditional sheet metal format. They are comfortable to store, and their handling is agile and safe.

HIGHER PRODUCTIVITY
A 1-ton 1-millimeter-thick coil is 850 meters long. With an Ekicontrol cutting line, we can cut 3-meter formats in less than an hour.

ADAPTABILITY
We can adapt all kinds of reception tables of formats: scissor tables, fixed tables, tables of different lengths, interchangeable to adapt to your manufacturing needs.

FLEXIBILITY
The flexibility of having the circular blades implemented in the straightener module allows us to adjust the width and make all the cuts of the coil on the same machine

STRAIGHTENING QUALITY
The quality of the straightening of our cutting lines accomplishes with the most demanding international standards.

Integrating a cutting line into your production processes has many advantages. Below you can see the differences between having and not having a cutting line.





WITHOUT A CUTTING LINE

✗ Request for formats of different standard length measures.

✗ Minimum purchase quantity 3000 kgs. (a normal truck can transport 20 tons of weight) therefore 6 packages of formats. (1,926,000 total mm).

✗ Quick ground storage to continue unloading the truck and so on with each pack of formats.

✗ Once the format packages, the strapping, the wooden pallet, plastic wrappers have been stored, they must be removed and these have been paid at the price of sheet metal.

✗ The sheets must be handled by operators and transferred individually by operators, minimum of 2 to the work table. A standard 1500x3000x0.8 mm sheet weighs approx. 28 kilos.

✗ If you need to use a sheet of more than the one you have in stock, for example, 4500 mm. You have to make that piece 3000 + 1500mm, either weld it or not.

✗ The standard measurement formats will be stored for their next uses, starting the process from the beginning.

WITH CUTTING LINE

✓ All the meters you need, regardless of formats.

✓ Buying coils you can load 2 coils of 10 tons each (2,200,000 total mm).

✓ Unload all the kilos at once with the crane.

✓ You take the coil directly to the warehouse.

✓ Much less wood, wrap, and strap are used with the coil.

✓ A single operator loads the coil on the loading car of the cutting line and starts to cut the pieces you need with the desired length.

✓ Directly from the coil, you can cut the desired length, without junction or waste.

✓ The coils will always be ready to be cut to the desired number and length for their maximum efficiency.

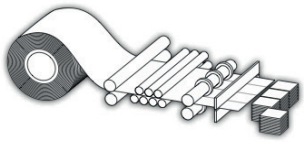
OUR MACHINES

It is not machines but ideas that drive and drag the world forward.

Victor Hugo

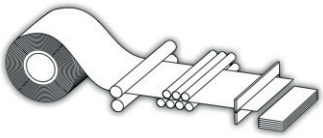
MULTIBLANKING

XS Line 1250
TwinCut 20
TwinCut 30

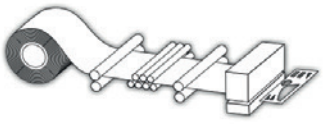


CUT-TO-LENGTH

OneCut 20
OneCut 30
OneCut 40



Straightening lines



Slitting lines



Recoiling lines



MULTIBLANKING CUTTING LINES

At Ekicontrol we are specialists in Multiblanking Lines. Below we present our range of products...

XS Line 1250



TwinCut 20



TwinCut 30



APPLICATION SECTORS



1 Refrigeration equipment manufacturers



2 Manufacturers of metal furniture



3 Refrigerator/ Cooler manufacturers



4 Manufacturers of metal cabinets



5 Manufacturers of metallic electrical cabinets



6 Metal precast manufacturers



7 Manufacturers of industrial kitchens in stainless



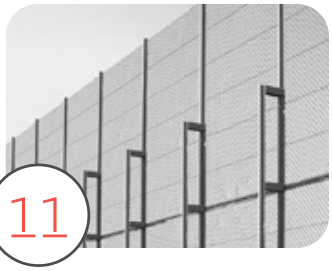
8 Industrial oven manufacturers



9 Metal door manufacturers



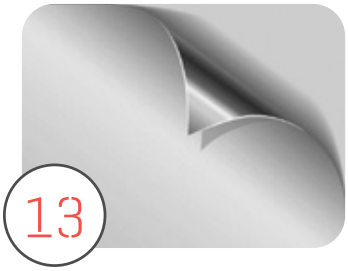
10 Manufacturers of finials and gutters



11 Metal enclosures



12 Elevator manufacturers



13 Sheet metal cutting and bending service centres



14 Manufacturers of metal facades



15 Kitchenware industry



16 Manufacturers of white lines of appliances



17 Manufacturers of metal drums



18 Bus manufacturers

XS Line 1250

Its low cost, compact size, ease of handling and high performance, allows to configure a very versatile cutting line.

It can be combined, a single winder, a multicoil system and even the traditional uncoiler with a coil car.





Model	Maximum width	Material to be processed	Thickness	No. of simultaneous slitting cuts	Speed	Coil weight	No. of simultaneous slitting cuts	No. of straightening slitting cuts	Shears power	Measurements
XS line 1250	1250	Steel 420 Nw/mm	1,25 mm	2	From 0 to 20 metre x minute	3, 6, 10 tons	2+5 (2 pull rollers, 2 upper and 3 lower)	1'5 Kw	3 Kw	2100 x 1700 x 1450 mm 2.500 Kg
			1,00 mm	4						
			0,50 mm	6						
		Steel 700 Nw/mm²	0,75 mm	2						
			0,50 mm	4						
		Aluminium 200 Nw/ mm²	2,50 mm	2						
			1,50 mm	4						
			1,00 mm	6						

MOST COMMON SECTORS OF APPLICATION

1 3 8 10
13 14 16 18



XSLINE 1250 DM5



ADAPTABILITY



VERSATILITY



COMPACT

TwinCut 20

Designed and built for multi-format. Allows simultaneous slitting and cut-to-length cutting. High cutting quality and repeatability.



It´s Perfect

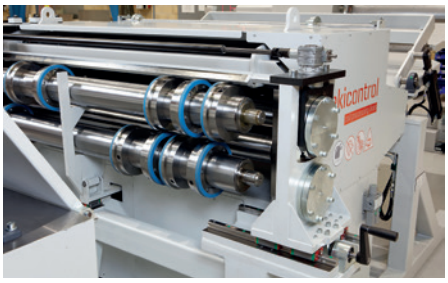
Model	Width to be processed	Cutting thickness (mm)	Coil weight (kg)	Number of longitudinal cuts	Cutting accuracy	Straightening rollers	Speed
TwinCut 20	1.000 - 1.250 - 1.500 mm	0,5 – 2	6.000	3-6	±0'5 mm	2 + 7	20 m/min
			10.000				
			15.000				
TwinCut 20 Plus	1.550 mm 1.050 mm	0,6 – 2 3	6.000	3-6	±0'5 mm	2 + 7	20 m/min
			10.000				
			15.000				

MOST COMMON SECTORS OF APPLICATION

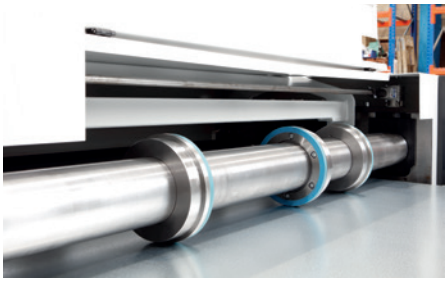
1 4 8 13
14 15 16 18



HYDRAULIC INTRODUCTION TABLE



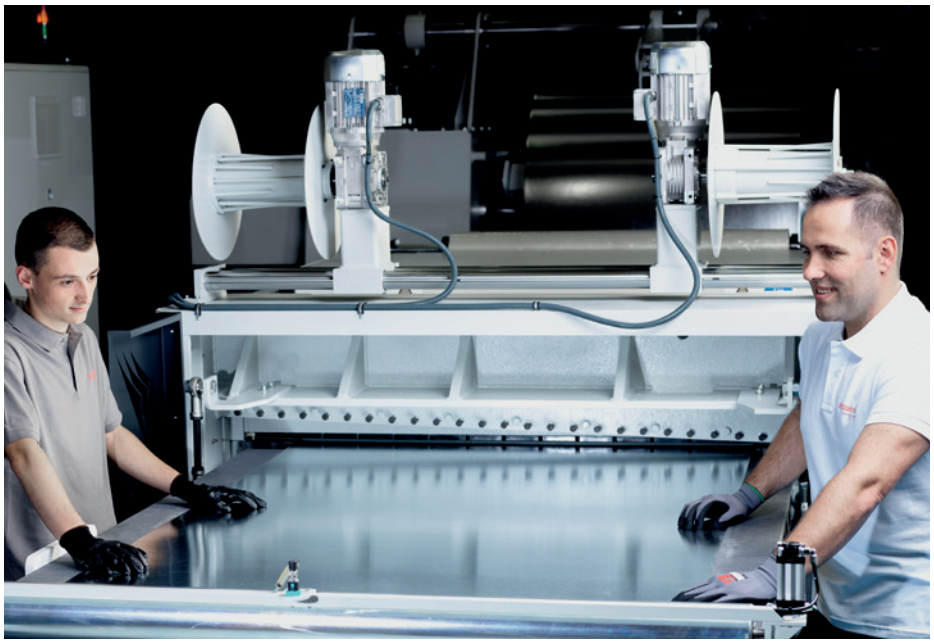
QUICK BLADE EXTRACTION



CIRCULAR BLADES



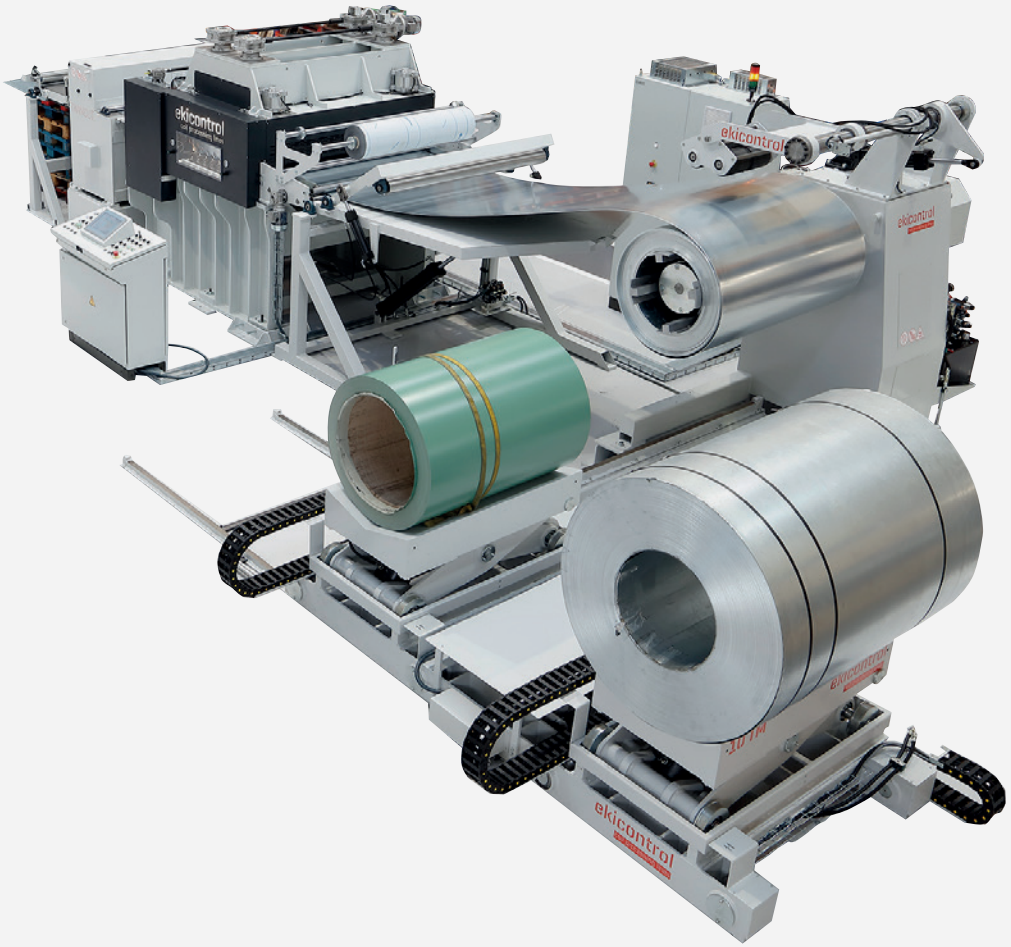
TOUCH SCREEN



QUALITY STRAIGHTENING

TwinCut 30

Complete slitting & cut to length lines
from 6 to 20 tons coil weight.



Model	Width to be processed	Coil weight (kg)	Minimum thickness (mm)	Maximum thickness (Steel 420 Nw/mm²)	Speed	Back up rolls	Tilting
TwinCut 30	1550	10.000 15.000 20.000	0'6	3 mm	30 m/min	Tes	Motorized

MOST COMMON SECTORS OF APPLICATION

1 4 7 8
13 14 16 18

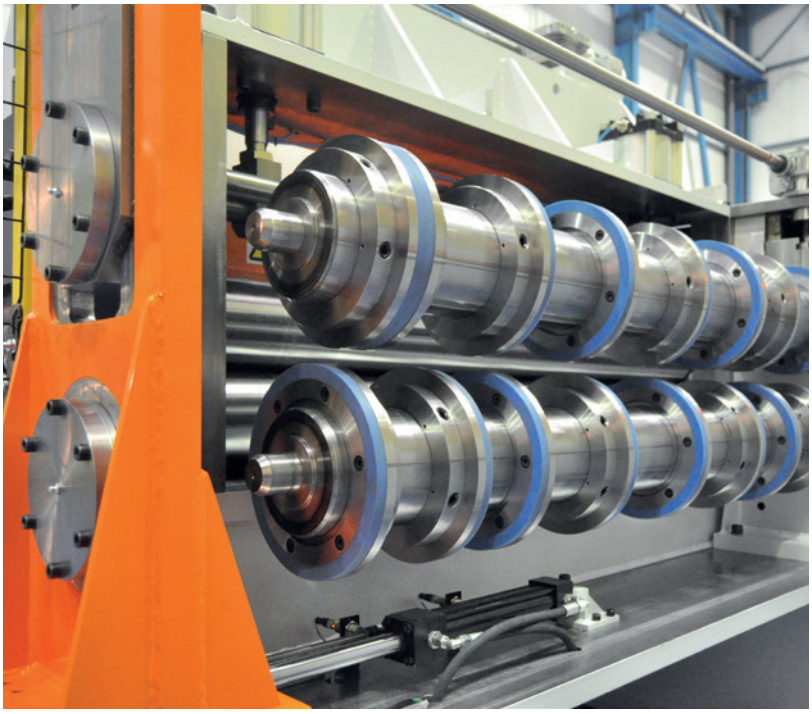




QUALITY STRAIGHTENING



TILTING STRAIGHTENING



QUICK BLADE EXTRACTION

CUT-TO-LENGTH LINES

At Ekicontrol we are specialists in Cut-to-length lines.
The OneCut can work autonomously, or in a continuous punching machine or sheet metal warehouse.

OneCut 20



OneCut 30



OneCut 40



APPLICATION SECTORS



1 Refrigeration equipment manufacturers



2 Manufacturers of metal furniture



3 Manufacturers of refrigerators



4 Manufacturers of metal cabinets



5 Manufacturers of metallic electrical cabinets



6 Metal precast manufacturers



7 Manufacturers of industrial kitchens in stainless



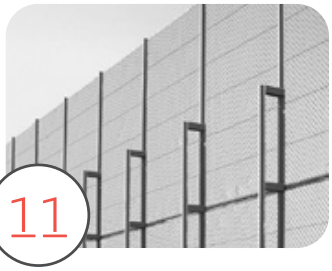
8 Industrial oven manufacturers



9 Metal door manufacturers



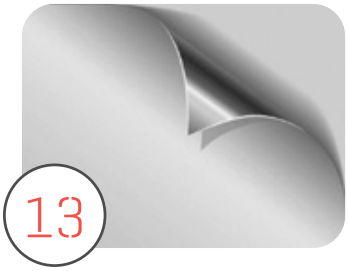
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12 Elevator manufacturers



13 Sheet metal cutting and bending service centres



14 Manufacturers of metal facades



15 Kitchenware industry



16 Manufacturers of white lines of appliances



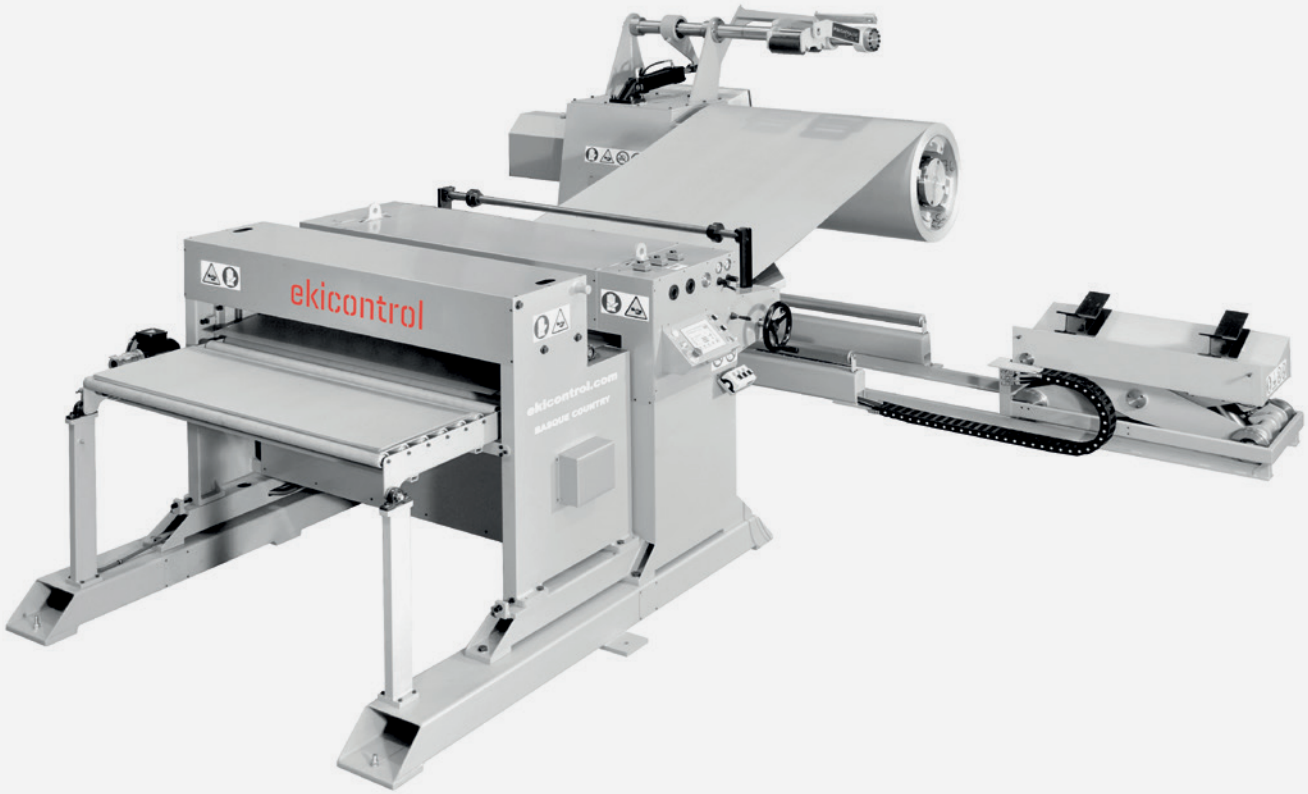
17 Manufacturers of metal drums



18 Bus manufacturers

OneCut 20

Cut to length lines from 6 to 20 tons of coil weight.



Model	Material to be processed	Width to be processed	Thickness (R=450Nw/mm²)	Speed	Cut accuracy	Coil loading capacity
OneCut 20	Steel 420 Nw/mm²	1000, 1250, 1500 mm	From 0,5 to 1,5 – 2,0 mm	Up to 20 m/min	±0'5 mm	4, 6, 10, 15 tons
	Steel 700 Nw/mm²					
	Aluminium 200 Nw/mm²					

MOST COMMON SECTORS OF APPLICATION

1 4 8 10
13 14 16 18



ONECUT 20 DM10



CAN BE INTEGRATED WITH OTHER MACHINES

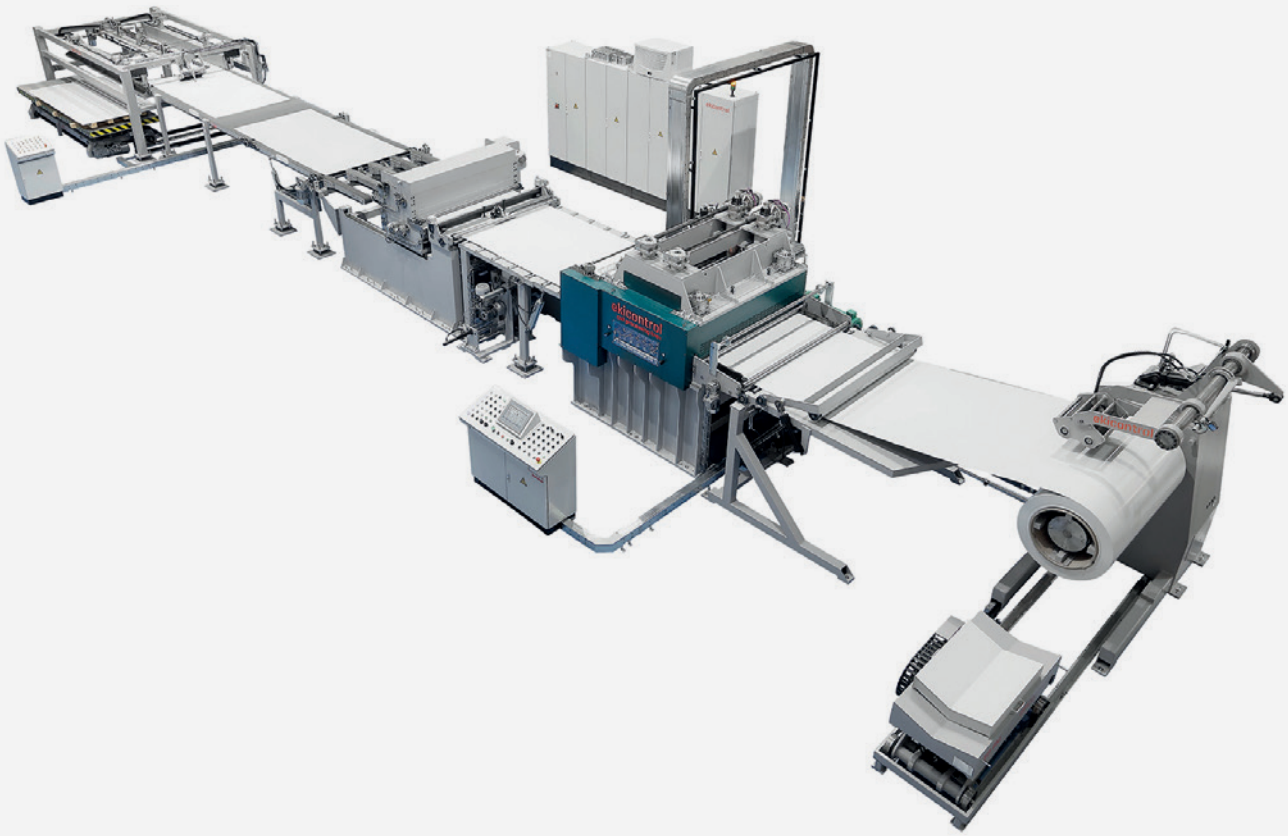


SCREEN REMOTE ASSSISTANCE



STRAIGHTENING 7 ROLLERS

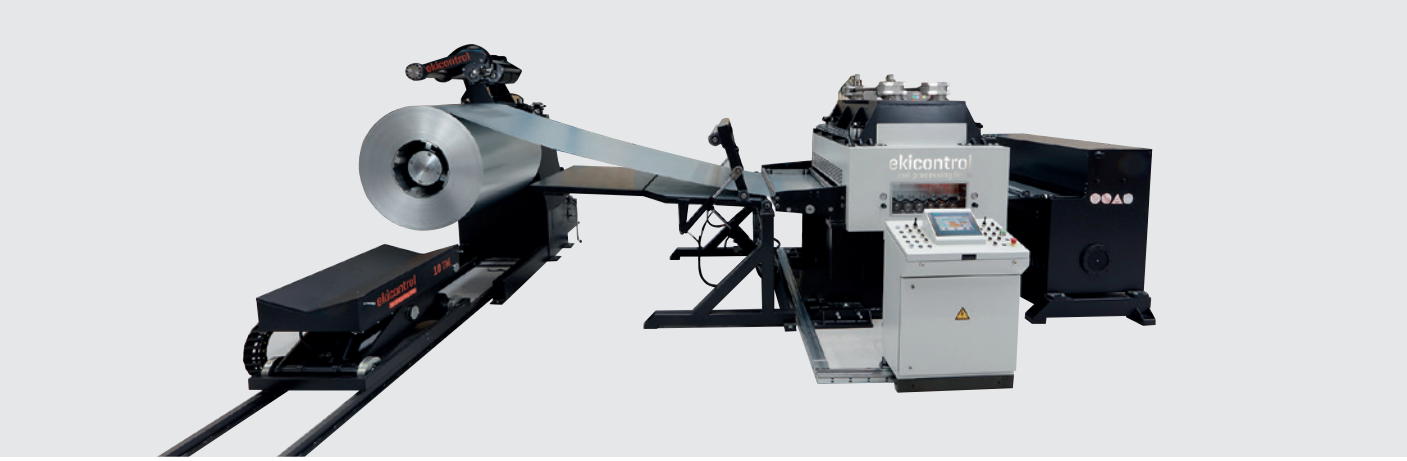
OneCut 30/40



Model	Material to be processed	Width to be processed	Thickness (R=450Nw/mm²)	Speed	Cut accuracy	Coil loading capacity
OneCut 30	Steel 420 Nw/mm²	1500 mm	From 0,6 to 1,5 – 3,0 mm	Up to 30 m/min	±0'5 mm	10, 15 tons
OneCut 40		1550 mm	0,8 – 4,0 mm			

MOST COMMON SECTORS OF APPLICATION

1 4 8 10
13 14 16 18



INDUSTRIAL



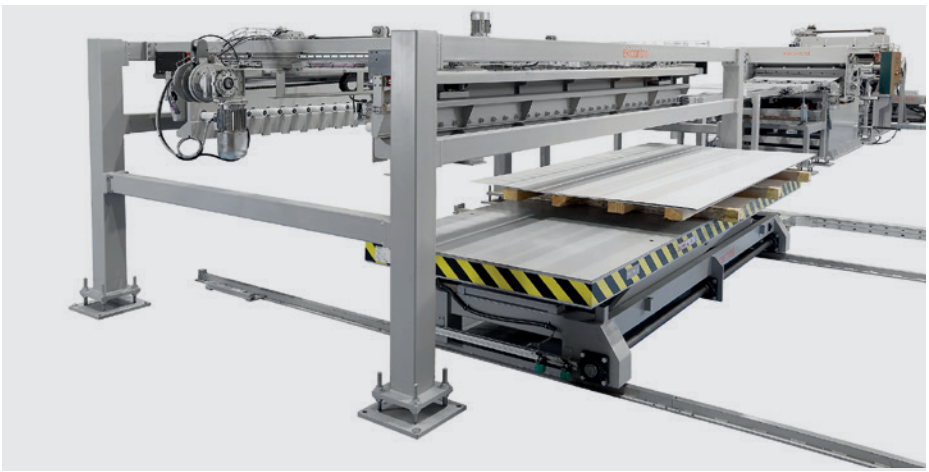
ONECUT 40 DM10



HYDRAULIC INTRODUCTION TABLE



CROSS-CUTTING



AUTOMATIC STACKER

STRAIGHTENING LINES



Our machines are a fusion between the mechanical design and the electronic equipment necessary to achieve the ideal tuning and, as a result of our natural commitment, very energy efficient.

MOST COMMON SECTORS OF APPLICATION

1 4 5 6
13 14 16 18



DOUBLE LOOP

Model	Width	Roller diameters	No. of rollers	Minimum thickness	Maximum thickness	Thickness in maximum width
EA-400-66 EA-400-76 EA-400-86 EA-400-96	400	66 76 86 96	2 + 7 + 2	0'4 mm 0'5 mm 0'7 mm 0'8 mm	4'50 mm 6'00 mm 7'50 mm 9'00 mm	3'00 mm 4'00 mm 5'00 mm 6'00 mm
EA-600-66 EA-600-76 EA-600-86 EA-600-96	600	66 76 86 96	2 + 7 + 2	0'4 mm 0'5 mm 0'7 mm 0'8 mm	3'00 mm 4'50 mm 6'00 mm 7'50 mm	2'00 mm 3'00 mm 4'00 mm 5'00 mm
EA-800-66 EA-800-76 EA-800-86 EA-800-96	800	66 76 86 96	2 + 7 + 2	0'4 mm 0'5 mm 0'7 mm 0'8 mm	2'50 mm 3'00 mm 3'50 mm 6'00 mm	1'50 mm 2'00 mm 2'50 mm 4'00 mm
EA-1000-76 EA-1000-86 EA-1000-96	1000	76 86 96	2 + 7 + 2	0'5 mm 0'7 mm 0'8 mm	2'50 mm 3'00 mm 4'50 mm	1'50 mm 2'00 mm 3'00 mm
EA-1250-76 EA-1250-86 EA-1250-96	1250	76 86 96	2 + 7 + 2	0'5 mm 0'7 mm 0'8 mm	1'50 mm 2'00 mm 3'20 mm	1'00 mm 1'20 mm 2'50 mm
EA-1500-96	1500	96	2 + 7 + 2	0'8 mm	3'00 mm	2'00 mm

SLITTING LINES



Complete slitting lines from 6 to 20 tons of coil weight.
From 0.5 to 3.0 mm thick.

MOST COMMON SECTORS OF APPLICATION

1 4 7 8
13 14 16 18

Characteristics

- Complete slitting lines from 6 to 20 tons of coil weight.
- From 0.5 to 3.0 mm thick.
- Speeds adapted to production.
- Combination of simultaneous longitudinal and transverse cutting.
- Quick adjustment of circular blades avoiding long cutting setup times.
- Precision electronics.
- Excellent price-quality.

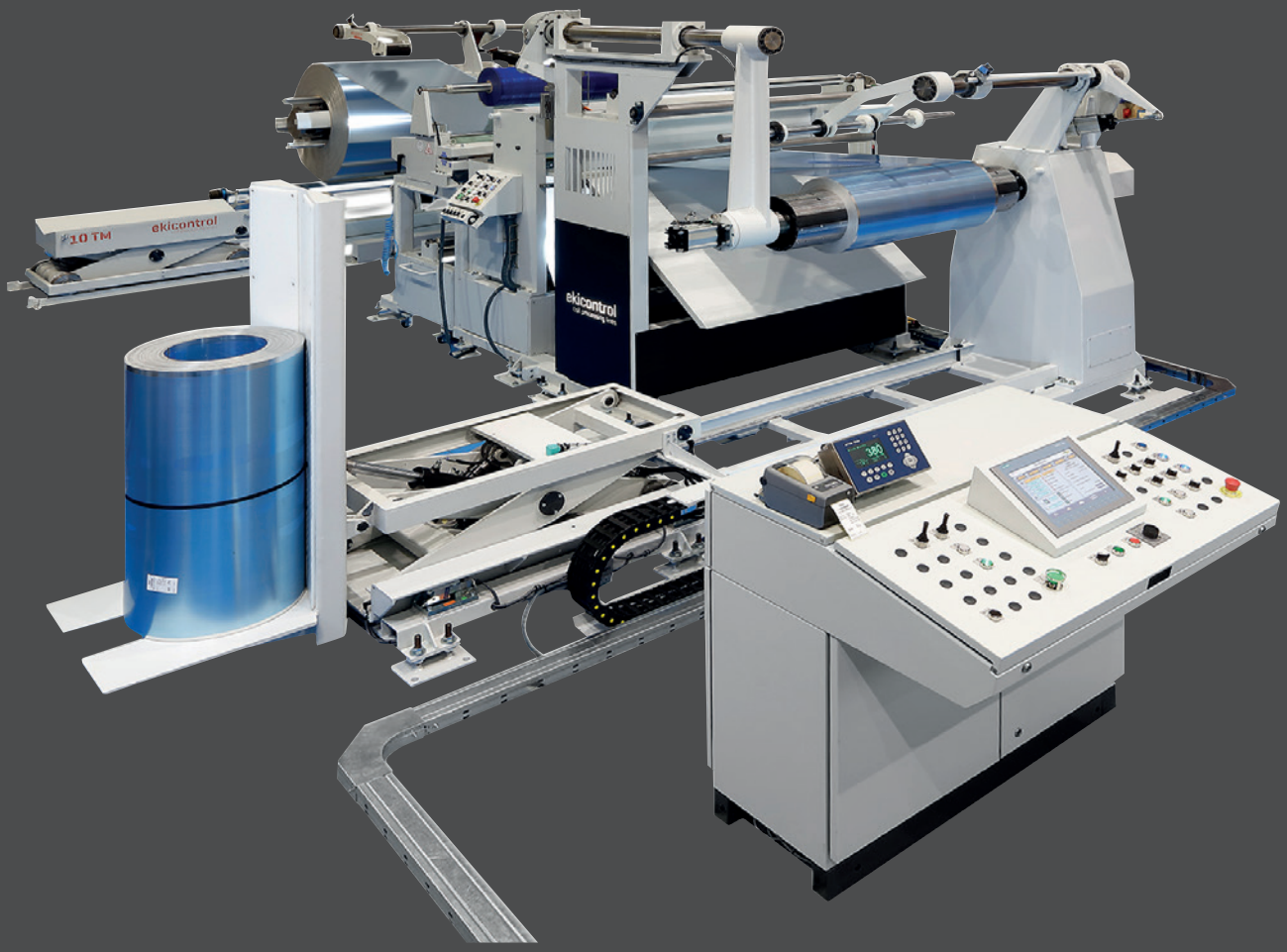








RECOILING LINES

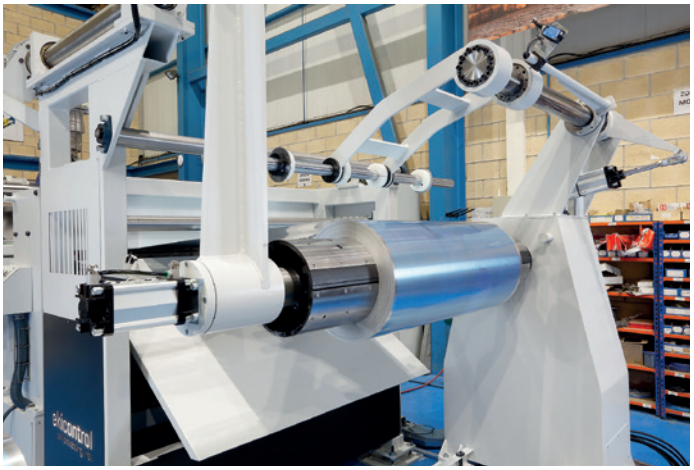


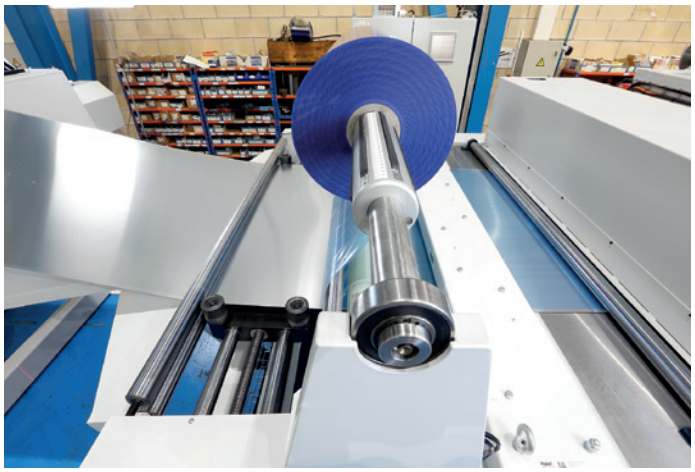
Designed and manufactured to conform small coils from a mother coil.
It allows the operator to program the size of the resulting coil either by weight, length, or diameter.

It incorporates a system of labeling and it can be equipped with a plastic film applicator that is applied above and below the coil. May also include a paper winder and applicator.

The coil turn-around system allows placing the coil in a vertical position on any means to transport it.

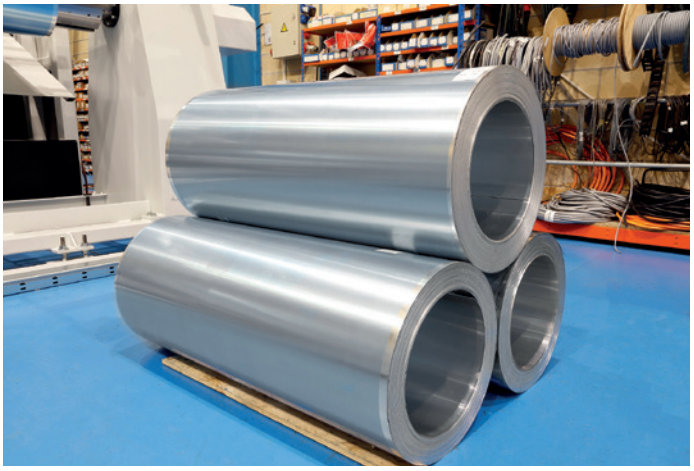






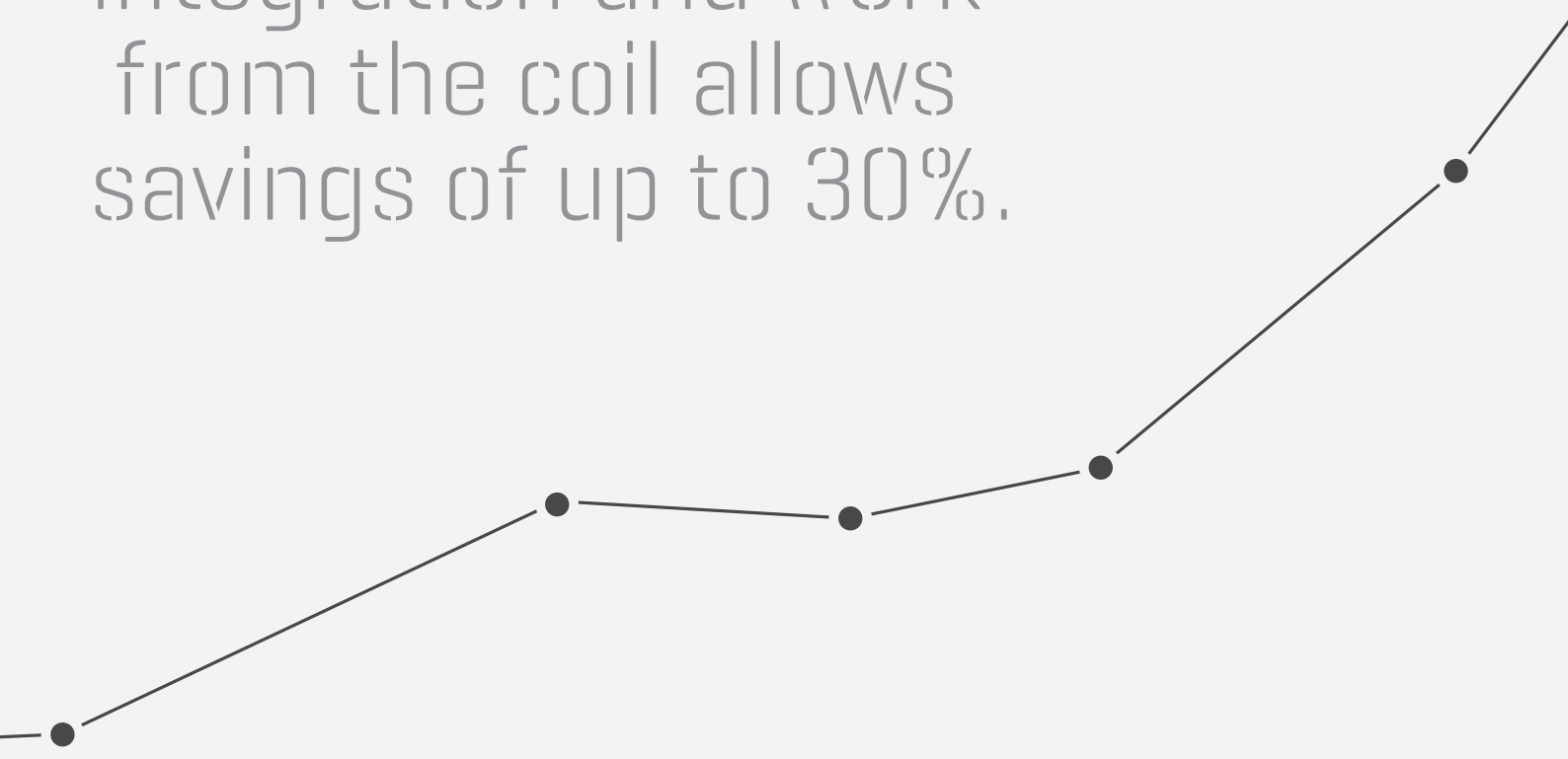






INTEGRATIONS AND CUSTOMIZATIONS

The benefits of integration and work from the coil allows savings of up to 30%.



They range from saving in material , on transport , on time , on lock , in the number of operators that must operate the machine, in the space that occupies the same amount of material in the stock (coil vs sheets), until the improvement of the efficiency and the productivity .

Our machines can be equipped with any other punching machines, laser cutting, folding machines, presses, etc.

This enables a fully automated start-to-finish DONE-IN-ONE manufacturing process, exponentially improving the quality, efficiency and productivity of the process and the end product.
Our extensive experience in the design and manufacture of machinery has allowed us to design these types of lines capable of adapting to all processes.



INTEGRATION WITH SALVAGNINI



INTEGRATION WITH AMADA



INTEGRATION WITH DANOBAT



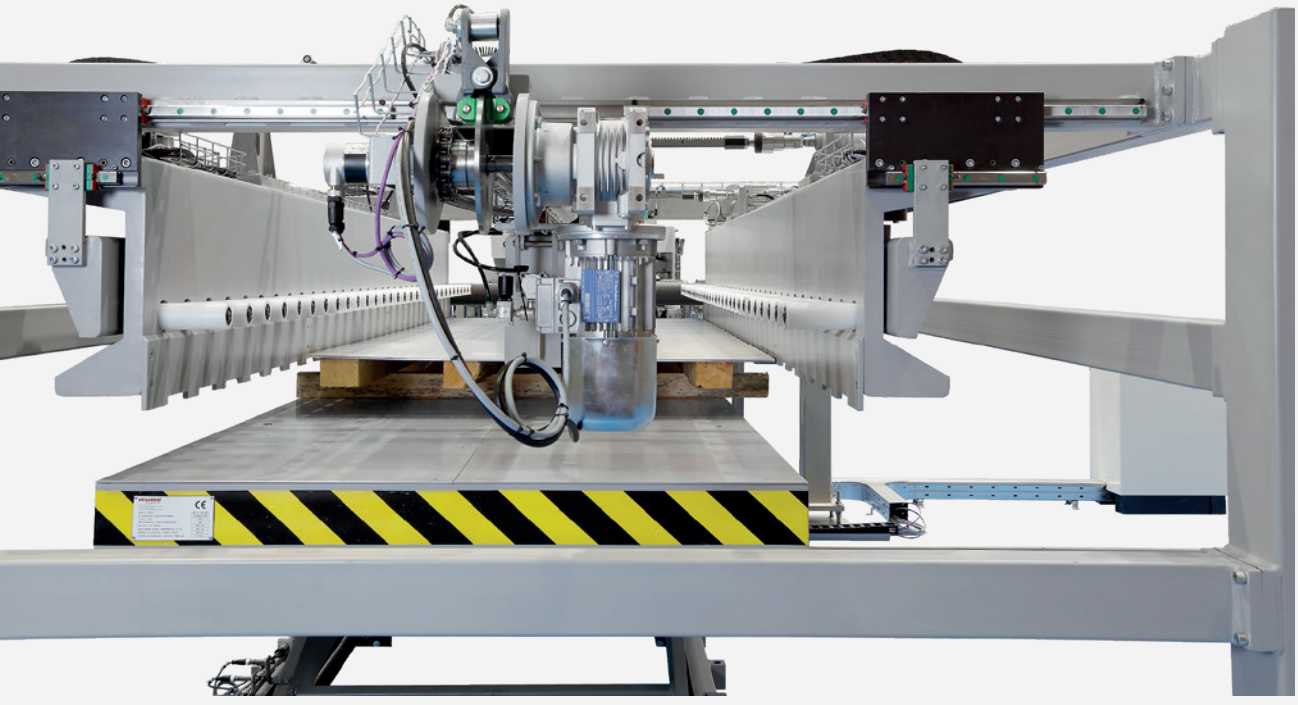
INTEGRATION WITH TRUMPF

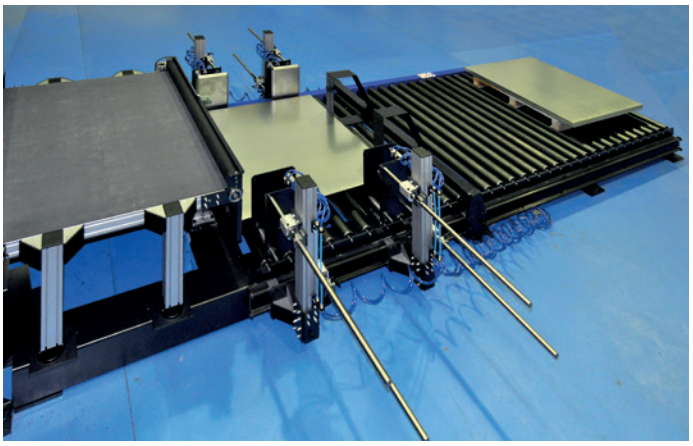


INTEGRATION WITH LÁSER FIBRA

PERIPHERAL ACCESSORIES

Adaptable to any machine in use or process





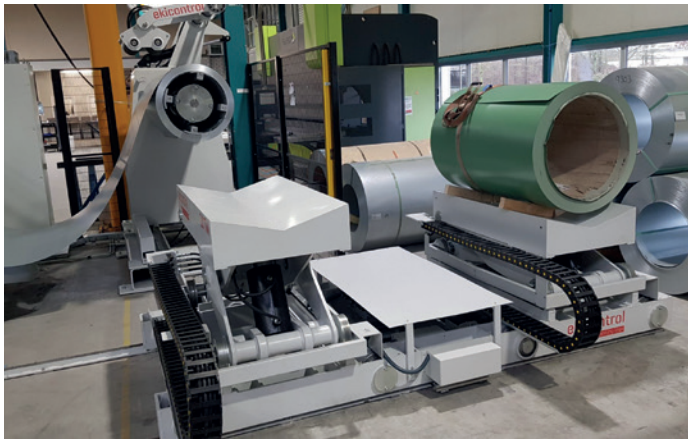
AUTOMATIC STACKER



UNCOILER



LABELLER



MULTICAR COIL



TRIPLE UNCOILER

ekicontrol
IN THE WORLD



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