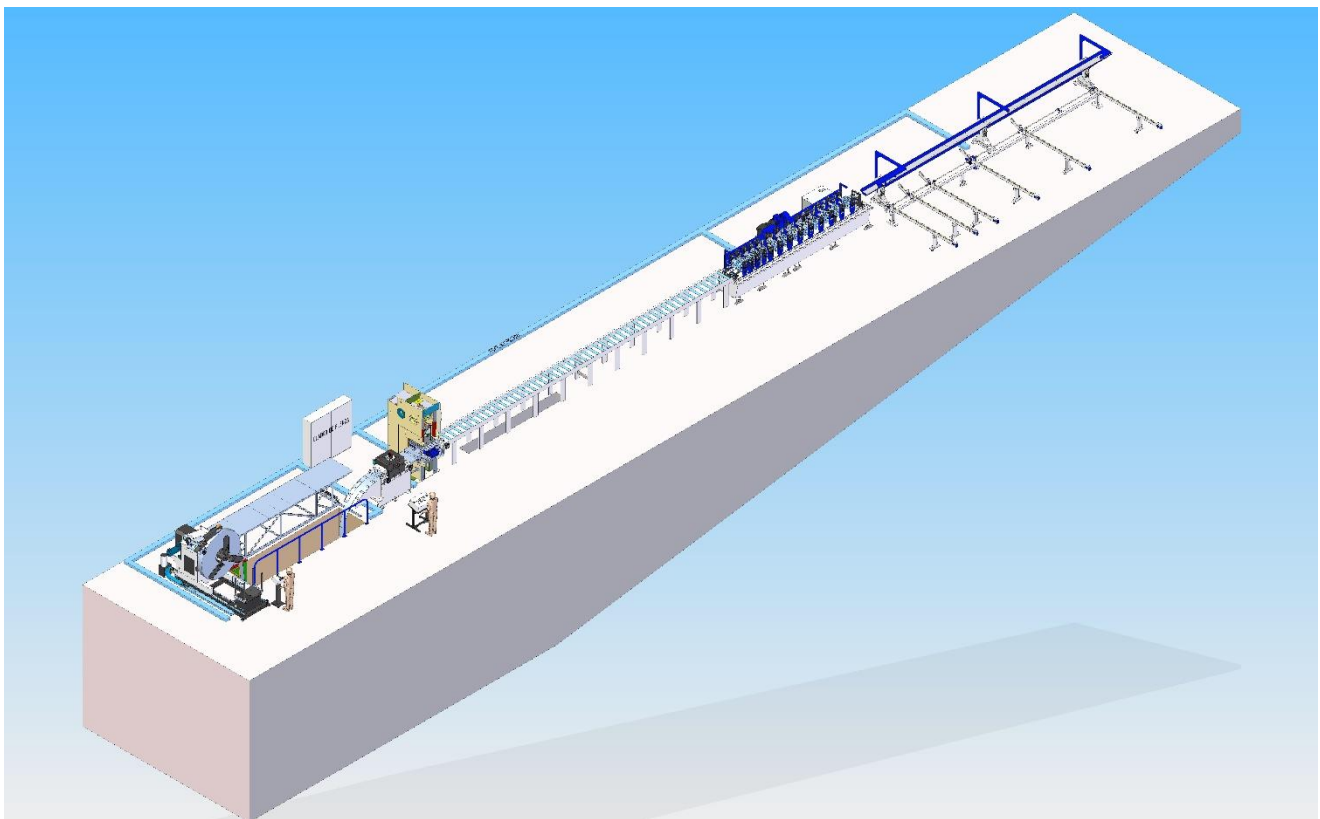


## DP Rollforming Line. C and Omega profiles



## Technical Specification Of The Line

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<i>Thickness of the sheet:</i>	1.2 to 2 mm Omega profile. 2.3 and 4 mm profile "C"
<i>Band width:</i>	Up to 500 mm
<i>Maximum material section:</i>	2.000 mm <sup>2</sup>
<i>Material:</i>	S355
<i>Coil weight:</i>	7.5 Tn
<i>Outer diameter:</i>	1,800 mm
<i>Inner diameter:</i>	508 mm (20 inch)

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## Components of the line

- I. DEMAQ SUPRA Decoiler
- II. Looping sheet buffer with control
- III. Compact Straightener Feeder SUPRA
- IV. ME® Mechanical Press Custom DEMAQ
- V. Flexitool DEMAQ
- VI. CNC SUPRA punch unit
- VII. Buffer inlet rollformer.
- /III. Rollformer.
- IX. Pneumatic unloading table
- X. Machine equipment

### **I. DEMAQ SUPRA Decoiler**

- Max. width 500 mm. 7.5 Ton inner diameter 20”.
- Hydraulic expansion. Electric motorization with gear reduction.
- Adjustable hydraulic arm with loaded Wheel.
- Automatic centering position and static loader.
- Nominal section 2000 mm<sup>2</sup>.

### **II. Looping sheet buffer with control.**

- Optoelectric shield control.
- Loader table with translation pneumatic.

### **III. Compact Straightener Feeder SUPRA.**

- High speed compact feeder servo driven with closed loop.
- 4 traction and 7 straightening rollers with micrometric clocks.
- Drive shaft with pneumatic regulation. Encoder on sheet.
- Entry basket and 4 high resistance centering.
- Servo motorization, speed up to 60 m / min.

### **IV. ME® Press CC100 Custom DEMAQ**

- Mechanical press 100 Tn with flexible tool Demaq.
- Oversized Slide.
- Frontal braces outside the table.
- Speed variation
- Specific protections for flexitool Demaq.

## **V. Flexitool DEMAQ**

- Demaq flexible press tool with the possibility of working with commercial units or custom-made tools.
- Capacity of up to 10 simultaneous stations with management through the CNC
- 4 tools of D65 and 4 tools of D35 without tools included.
- 350x4 cutting blade die included.

## **VI. CNC SUPRA unit**

- System management control through HMI on AB base, with 10" interface.
- Simple programming on baseline.
- Diagnosis and teleservice.

## **VII. Buffer inlet to rollformer.**

- Motorized road in two sections with sensor.
- High resistance D85 roller axle.
- 4 mechanical centers on linear guidance.

## **VIII. Rollformer DP**

- 13 stations profiler for work in format of profiles "C" and "Omega".
- Motorization 55 Kw servo.
- Nominal speed 33 m / min.
- Cooling and greasing band.
- Profile C 140/170 x 50, thickness 3/4 mm.
- Omega profile 30/35 x 80 in thickness 1.2 / 1.5 and 2.0 mm. (OPTIONAL)
- Profiles over 650 mm length, need post operation. Cut unit included, with spare parts.

## **IX. Pneumatic unloading table**

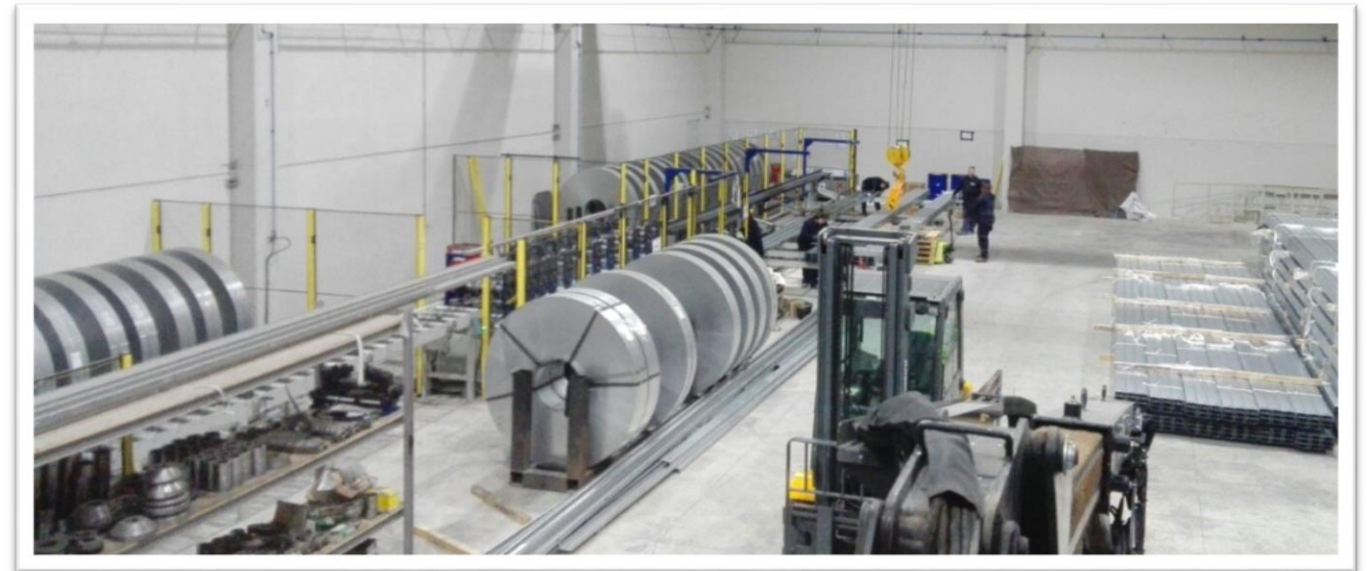
- Up to 13,000 mm electro-pneumatic tilting unloading table.
- Unloading buffer for 4,000 mm wide chains.

## **X. Machine equipment**

- Right disposal. Decoiler on the left, part exit on the right.
- CNC monitoring and control, with Demaq programming. Teleservice.
- Perimeter enclosure according to regulations.
- Tropicalization of main electrical panels.
- CE marking and use manuals in English.
- TROPICALIZED to SAU Climate conditions.











## ECONOMIC AND GUARANTEE CONDITIONS

Price: **Consult**

Warranty: **12 months, with a maximum of 2,000 hours of work.**

Start up: **Included**

Transport Serv.: **NOT** included

Delivery Time: Immediate

### CONTACT INFORMATION

Address: Polígono Industrial Sete Pontes, parcela 30C, 27800  
Vilalba (Lugo)

Phone: 982511726

E-mail: [demaq@demaq.com](mailto:demaq@demaq.com)

Web: [www.demaq.com](http://www.demaq.com)

