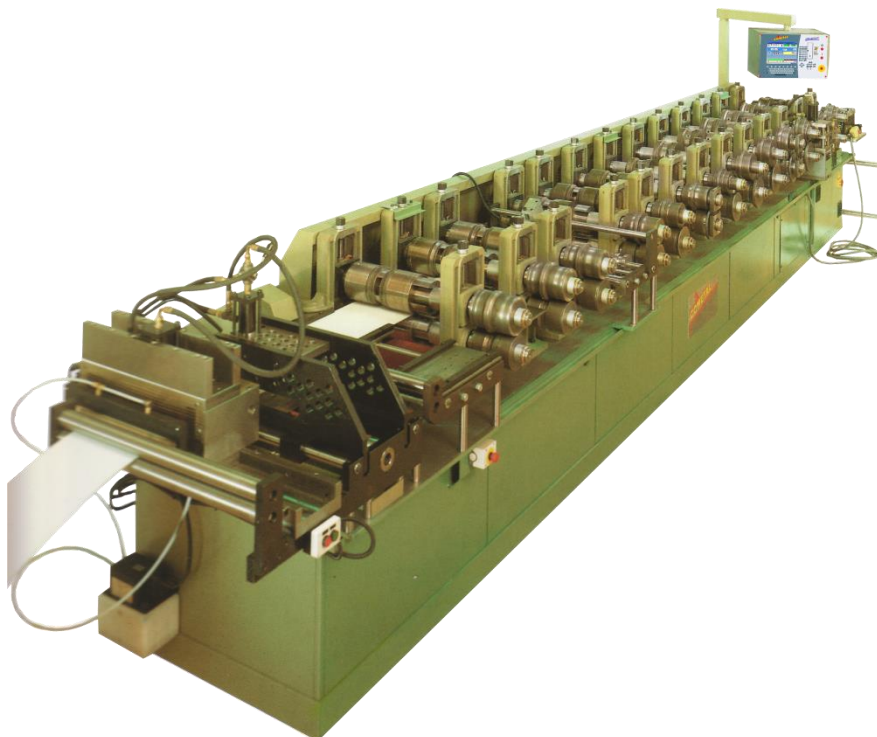


**N1 ROLL FORMING LINE mod. PRHS 16/500**  
*for n3 "C" profiles*

**MAINS FEATURES**

. Material to be processed		:	Coils
- definition		:	Mild / galvanised steel
- Type		:	according to decoiler
- Max weight	Kg	:	
- Maximum thickness	mm	:	30
- Max. production speed	m/1'	:	20
. Electrical supply	V	:	400
	Hz	:	50
. Going sense		:	left/right
. Total installed power	a.c.	HP	: 22+22 (control / inverter)
	a.c.	HP	: 7,5

**DESCRIPTION**



**① ROLL FORMING MACHINE PRHS 16/500**

. Maximum width between stands	mm	:	500
. Maximum width over stands	mm	:	0
. Diameter of shafts	mm	:	70
. Number of forming stations	N	:	14 (frame allowed for 16)
. Motors	HP	:	22+22

- **one piece table**, from planed steel with lining up grooves for the transmission uprights
- N14 **stations** with special **cast-iron stands**, housing large bearings of the best domestic and foreign brands.
- Steel roller shafts, entirely ground with 10 mm slots.
- **Upper roller shafts adjustable** according to the thickness to be worked, with graded vernier scale for setting.
- **Adjustable** introducing **guides** to line up the strips on the different sets of rolls
- Group of straighteners lined up on each set of rollers
- Geared motors (with electronic control), **HP 22+22** with **direct connection** to the powering's shaft
- **One piece** transmission **shaft** Ø mm 40 from the motor **to the different stations** with conical gears
- **Full direct driving** from reduction gear + n2 introduction **stations independently coupled**
- Start up directly from the main electrical panel, or from a **remote control** box with forward and backward.

## ② ELECTRICAL EQUIPMENT AND HANGING UP ADJUSTABLE CONTROL PANEL

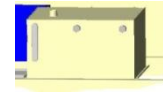
- Remote control
- Programmer type **EC 609 VIDEO**, with control of :
  - Speed
  - Number of pieces
  - Cutting length
  - Lubrification
  - punching - notching



## ③ HYDRAULIC PLANT

- . Tank
- . Hydraulic unit motor pump

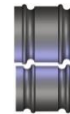
L : 150  
HP : 7,5



- Adjustable frame after the rolling machine, for the right positioning and lining up of the different cutting units with the suited sets of rolls.

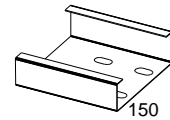
## ④ SETS OF ROLL FORMERS

in special tempered and rectified steel as drawings attached

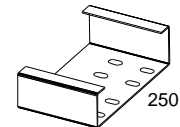


N1 complete set of combined roll formers + straighteners + quick coupling spacers for :

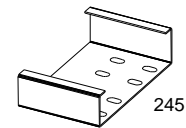
- "C" profile mm 41 x 150 x 47



- "C" profile mm 66 x 250 x 74



- "C" profile mm 59 x 245 x 67



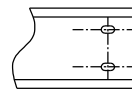
## ⑤ HYDRAULIC PUNCHING TOOLING

Tooling fixed between stations n°3 & 4

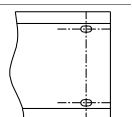
- complete hydraulic devices for **auto. punching on line**
- **CNC** control (pitch, n° of holes, time etc...)
- electronic position sensors



N1 complete hydraulic tooling for n2 oblongs ≈ mm 14 x 25 pitch mm 70



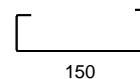
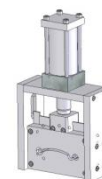
N1 complete hydraulic tooling for n2 oblongs ≈ mm 14 x 25 pitch mm 170



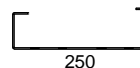
## ⑥ HYDRAULIC CUTTING TOOLING

- complete of blades & dies, hyd. cylinder electronic sensor
- **CNC** control

N1 complete hyd. cutting unit for "C" mm 41 x 150 x 47



N1 complete hyd. cutting unit for "C" mm 66 x 250 x 74



N1 complete hyd. cutting unit for "C" mm 59 x 245 x 67

