

N1 ROLL FORMING LINE mod. PRH 9/450 MF
for micro-perforated rolling shutters

MAINS FEATURES

. Material to be processed	:	Coils
- Type	:	Mild / galvanised steel
- Max weight	Kg	according to decoiler
- Maximum thickness	mm	20/10 ^e
- Max. production speed	m/1'	30 (without punching) 6 (continuous punching)
. Electrical supply	V	400
	Hz	50
. Going sense	:	left/right
. Total installed power	Nm	43
motor Brushless AKM 73	HP	12,5
a.c.		



DESCRIPTION



① ROLL FORMING MACHINE PRH 9/450 MF

. Maximum width between stands	mm	:	250
. Maximum width over stands	mm	:	200
. Diameter of shafts	mm	:	55
. Number of forming stations	N	:	8 (frame allowed for 9)
. Motor Brushless AKM 73 P	Nm	:	43

- **one piece table**, from planed steel with lining up grooves for the transmission uprights
- N8 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 setting.
- **Adjustable** lining up introducing **guides** with regard to the different sets of rolls
- **Straightening** devices lined up **on each** set of rollers
- Brushless Geared motor with **directly powered connection** to the transmission shaft
- **One full piece** transmission **shaft** Ø mm 40 from the motor **to the different stations** with conical gears
- Start up directly from the main desk, or by **remote control** forward, backward.

patented system - description attached

② ELECTRICAL EQUIPMENT AND HANGING UP ADJUSTABLE CONTROL PANEL



- Industrial P.C. EC1550RS :
 - graphical l.c.d.
 - XP Windows embended
 - P .C. office
- control by CNC :
 - punching,
 - cutting,
 - synchronisation introducing / cutting – punching / forming
 - lubrification control (Venturi system)

③ HYDRAULIC PLANT

- . Tank L : 150
- . Hydraulic unit motor pump HP : 12,5











- Adjustable bed on the machine's exit to set up the different cutting units with regard to the sets of rolls.

④ MICRO PERFORATION UNIT

- . n° of strokes /1' n : 100-120
- . n° of punches n : 102
- . pitch mm : 36



- Adjustable introduction guide + lubrification controlled by CNC
- Hydraulic sheet-press
- Punches coated TiAlN & fully rectificated
- Electronic stroke control
- Air lubrification Venturi system controlled by CNC

Profiles*	Price set of roll - formers + complete straightener			Price hyd. cutting
	N6 rolls	Turkish device		
 Slats n°2 to 7, 17 U.P ref to drawing attached				
 Bottom profiles 13 to 15 U.P ref. to drawing attached		X		
 Small slats 8,9, 11 U.P ref. to drawing attached		X		
 Guide maxi 40 mm			X	

⑤ SETS OF ROLL FORMERS

* according to your requirement

OPTIONAL :

① **Decoiler DMRM 315**

. Capacity	Kg	:	1500
. Maximum width	mm	:	400
. Centering	mm	:	450-650

- Adjustable **diskbrake**
- **Manual** operated **centering**
- **Motorization** back and forth
- Electronic **control** of the **loop** (inverter) / machine's speed

PRICE € 10 700



② **Automatic discharging table**

. Max. length	mm	:	6 000
. Max width	mm	:	300

- **Lining up** on the machine's axis with braked **wheels**
- **Rocking** by pneumatic cylinders
- **Height adjustment** by hand-wheels
- **Control** by **CNC** (setting/frequency/timing)
- **Emergency stop**

PRICE € 8 900



③ **Cooling plant for continuous working (micro-perforation) + temperature control**

PRICE € 6 200



④ **Software for characters, logos, micro perforated positive / negative from P.C.**

PRICE € 5 700



⑤ **CNC mod. SNAP double industrial P.C. + risc, vidéo12" touch screen colours**
Windows XP, Skype, technical aid on line.

PRICE..... € 7 800



⑥ **Complete hydraulic unit 4 columns, cylinder Ø 100 for windows**
+ edge (≈ mm 100 x 50)

PRICE..... € 13 500

