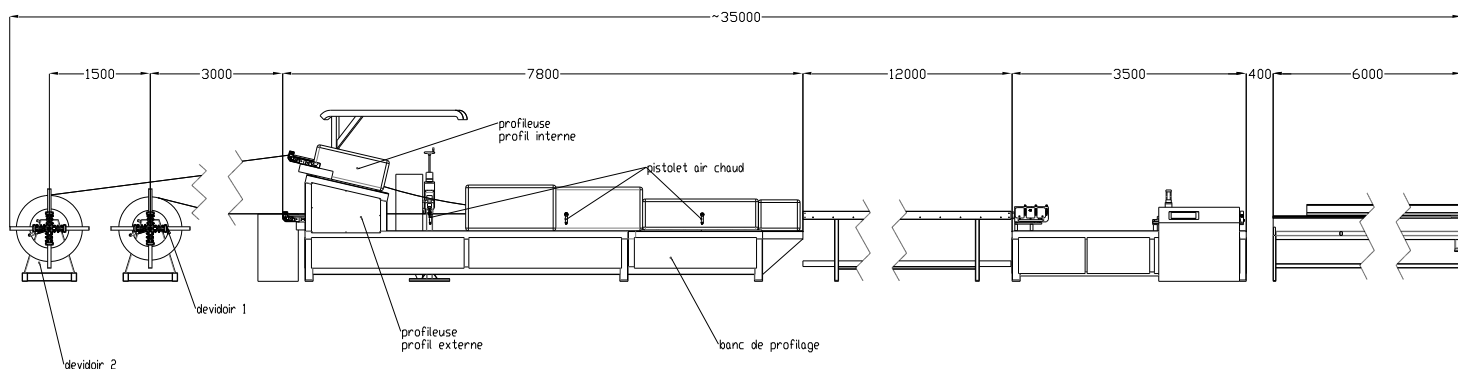


N1 ROLL FORMING LINE mod. PRH 16/250 DP
for double skin rolling shutters

MAIN FEATURES

. Material to be worked	:	Coils
- Type	:	steel / galvanised
- Max weight	Kg :	2 x 1500
- Average thickness	mm :	8/10 ^e (external face)
	mm :	4/10 ^e (internal face)
- Max. production speed	m/1' :	15
. Electrical supply	V :	400
	Hz :	50
. Motors Brushless AKM 73 P	Nm :	2 x 47 (≈ 18 Kw)
. Motor Brushless	Kw :	1,5
. Motor c.a.	HP :	12,5

DESCRIPTION



① N2 MOTORIZED DECOILERS mod. DMRM 315

. Capacity	Kg :	1500
. Maximum width	mm :	400
. Centering	mm :	450-650
- Manual operated centering		
- Motorization back and forth		
- Electronic control of the loop (inverter) / machine's speed		



The **both decoilers** are lined up and **controlled simultaneously** to feed the roll-former.

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② **ROLL FORMING MACHINE PRH 16/250DP**

- . Maximum width between stands mm : 2 x 250
- . Maximum width over stands mm : 0
- . Diameter of shafts mm : 55
- . Number of forming stations N : 2 x 8
- . Motors (Brushless) AKM 73 P Nm : 2 x 47



- **N2** juxtaposed & adjustable **band guides**
- **one piece table**, from planed steel with lining up grooves for the stations
- N2 x 8 stations special **cast-iron stands**, with 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
- Control from the main desk, or by **remote control** forward, backward
- **Electrical reheating** + closing casings



③ **SETS OF ROLL FORMERS** in special tempered and rectified steel as drawings attached

N1 set of roll formers 4 stands x 4 + 7 stands x 2 + lateral rolls + straighteners for **double skin rolling shutters** pitch **mm 95**



- **Electrical reheating** jets
- **Electronic control** & **synchronization** of the both coils

④ **POLYURETHANE INJECTION PLAN**

- Injection **jet** with automatic arm
- Injector **washing** after each stop, controlled by CNC



⑤ **FOAMING PLAN**

- On line **automatic foaming** mod. CMC3/CAJ
- Injection **jet** cooling



⑥ **POLYMERIZATION TUNNEL**

- . length mm : 12 000 (4 x 3 m)
- Mechanically welded steel frame
- Closed tunnel & **electrical reheating** device
- **Temperature control**
- Horizontal & vertical rollers driving the profile during the polymerization



⑦ **HYDRAULIC FLYING CUTTING**

- . course mm : 250
- . motor Brushless Kw : 1,5
- **Carriage** on rectified **balls grooves**
- Speed **synchronization** by **Brushless** motor
- Straightening & sizing group with n6 + n6 rolls



⑧ **HYDRAULIC PLANT**

- . Tank L : 150
- . Hydraulic unit motor pump HP : 12,5
- . Accumulator L : 4
- . Nb of electrovalves n : 2+1



- Heat **exchanger** of temperature + CNC control
- Very **high speed cutting** by accumulator

⑨ ELECTRICAL EQUIPMENT AND HANGING UP ADJUSTABLE CONTROL PANEL

• P.C. industriel mod. CNC SNAP :

- video TFT touch screen colors 12"
- Windows 8.1
- P .C. office
- internet



• Control by CNC SNAP :

- punching,
- cutting,
- synchronization introducing / cutting – punching / forming

⑩ AUTOMATIC DISCHARGING TABLE

. Max. length mm : 6 000

- Profiles cooling table, 700 mm width
- Pneumatic dropped table 6 m
- Pneumatic unloading of the profiles on side

