

## N1 MICRO-PERFORATION OF THE BAND mod. MPH 250/1,2

### MAIN FEATURES

#### A/ Material to be processed :

Type	:	Mild / galvanised steel
. Maximum thickness	mm	: 12/10 <sup>e</sup>
. Max weight	Kg	: 1500

#### B/ Production speed :

. perforation	strokes/1'	: 120/150
. supply	m/1'	: 50

#### C/ Total installed power :

. Motor	brushless	Nm	: 2.0
	a.c..	HP	: 12,5
	a.c. + electronic control		: 1,2 + 1,2

### DESCRIPTION



#### ① DECOILER mod. DMRM 315

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

- Electronic **control** of the **loop** (inverter) / machine's speed



#### ② GROUP OF INTRODUCTION & LUBRIFICATION

- **Guide** of introduction adjustable for the centering of the strip
- **N2 felt rolls** mm 250 for strip lubrication with pump controlled **CNC**
- **Pneumatic lubrication** of the punching by Ventury system controlled **CNC**

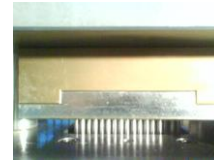


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### ③ MICRO-PERFORATION UNIT

. nb de strokes /1'	n	:	120 - 150
. pitch	mm	:	36
. punches Ø 4	n	:	102
. width of punching	mm	:	75

- Hydraulic **storage** for high speed punching
- **N102 punches Ø 4** TiAlN between axis 6, pitch mm 36
- **Hydraulic extractor**
- Pneumatic **lubrification Venturi** system



### ④ HYDRAULIC PLANT

. Motor	HP	:	12,5
. Tank	L	:	150

- **Electronic accumulator + thermo-regulator**
- **Heat exchange** mod. A300



### ⑤ ELECTRICAL SUPPLY

. Motor brushless	Nm	:	2.0
. Positioning speed	m/1'	:	50

- **n2 rolls** mm 250 **rectificated**



### ⑥ ELECTRICAL EQUIPMENT AND HANGING UP ADJUSTABLE CONTROL PANEL

- **Electrical equipment servo-ventilé** + filter
- **Control panel servo-ventilé** + filter

- P.C. Industrial **PLC Mini Compax** :
  - screen **LCD**
  - connexion **RS 232**
- **Control by CNC** :
  - punching,
  - synchronization introducing / punching
  - encodeur bidirectional **2 000 impulses**
  - **lubrification**

### ⑦ LASER CONTROL

- Automatic **control** of the **loop** between the feeder and the tension device

### ⑧ TENSION DEVICE

- **Control** of the micro-perforated **strip** to ensure a perfect **recoiling**
- **n2 rolls** hardened & ground, **braked** adjustables

### ⑨ POWERED RECOILER mod. EMR 315

. Capacity	Kg	:	1 500
. Maximum width	mm	:	300
. Centering	mm	:	450-650
. Servo motor (a.c. + inverter)	Kw	:	1,2

- Electronic **control** of the loop



**OPTIONAL :**

① **Conditioner for fluids mod. ACO MV**

. nominal power	W	:	5 800 (fluid 30° air 32°)
. absorbed power	W	:	8 800
. cooling fluid	type	:	Iso VG 10-68
. cooling gase	type	:	freon R404A (ecological)
. max. working temperature / ambient	degrees	:	60/40
. mini ambient temperature	degrees	:	10

- **evaporator** stainless steel **Aisi 316**
- electronic **thermoregulator** with **double control** (cooling control + high temp. alarm.)

