

Model LIGNE-CALO1

Boost your productivity!
240 pipes Ø 100 mm / hour

Product PLUS

Automatic line for insulators, useful working width 1m (Ref. LIGNE-CALO1-1000) or 1.25m (Ref. LIGNE-CALO1-1250), 0.8mm steel capacity. Equipped with a numerical control, it carries out the feeding, straightening, shearing, punching and 1 longitudinal bead from a coil.



Model shown LIGNE-CALO1 with options: DVS1000, STABLELIGNE and SDS3600-50



LIGNE-CALO1 available in 1m and 1.25m versions

Application areas

- Insulation

Advantages

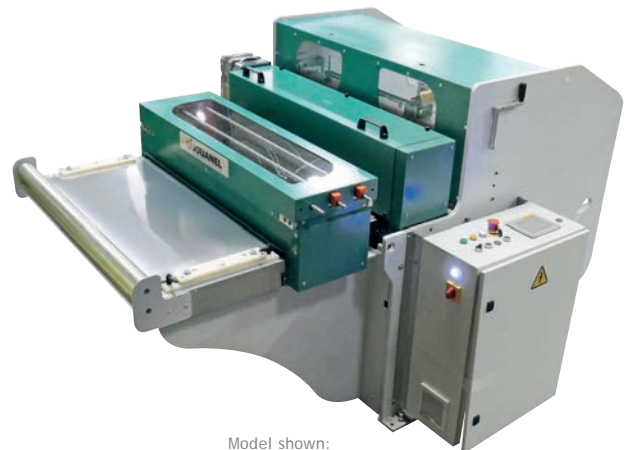
- Productivity and comfortable use
- Repeatability and accuracy for the serial production
- Reliability and safety



Features LIGNE-CALO1



	LIGNE-CALO1-1000	LIGNE-CALO1-1250
Max. working width (mm)	1000	1250
Min. working width (mm)	800	1000
Number of punching heads	6	7
Punching Ø (mm)	3,2	3,2
Max. capacity Stainless Steel (mm)	0,6	0,6
Max. capacity Isoxal Aluminium (mm)	1	1
Max. capacity S235JR Steel (mm)	0,8	0,8
Max. speed (m/min)	15	15
Precision of continuous length cutting on 1m (mm)	± 0,5	± 0,5
Power supply (V)*	400V 3-ph + Neutral	400V 3-ph + Neutral
Power (kw)	2,2	2,2
Dimensions (L x l x h) (mm)	2300 x 1920 x 1400	2300 x 2170 x 1400
Weight (Kg)	2000	2500



Model shown: LIGNE-CALO1

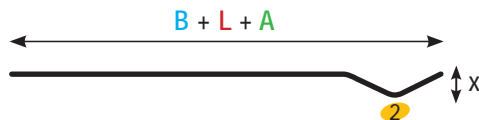
* Voltage choice to signal at the order



Model LIGNE-CALO1

Standard equipment

- Infeeding
- Straightening in both directions
- Length cutting with counting of pieces
- Punching 6 holes Ø 3.2 mm for Ref. LIGNE-CALO1-1000, 7 holes Ø 3.2 mm for Ref. LIGNE-CALO1-1250, on each side of the cut sheet, center distance of holes manually adjustable
- 1000mm wide metal sheets can also be processed on Ref. LIGNE-CALO1-1250
- Possible to make a longitudinal beading along the edge (with the Numerical Control ①)
- Depth of the beading mechanically adjustable ②

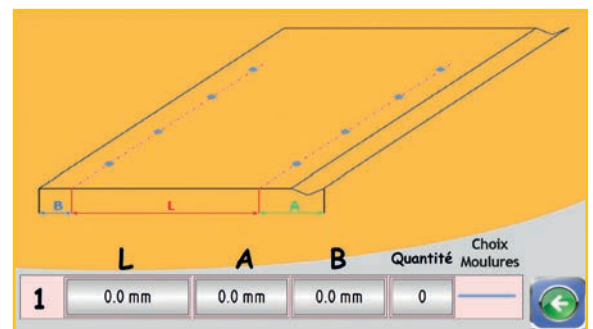


Model LIGNE-CALO1
shown with option
DVS1000

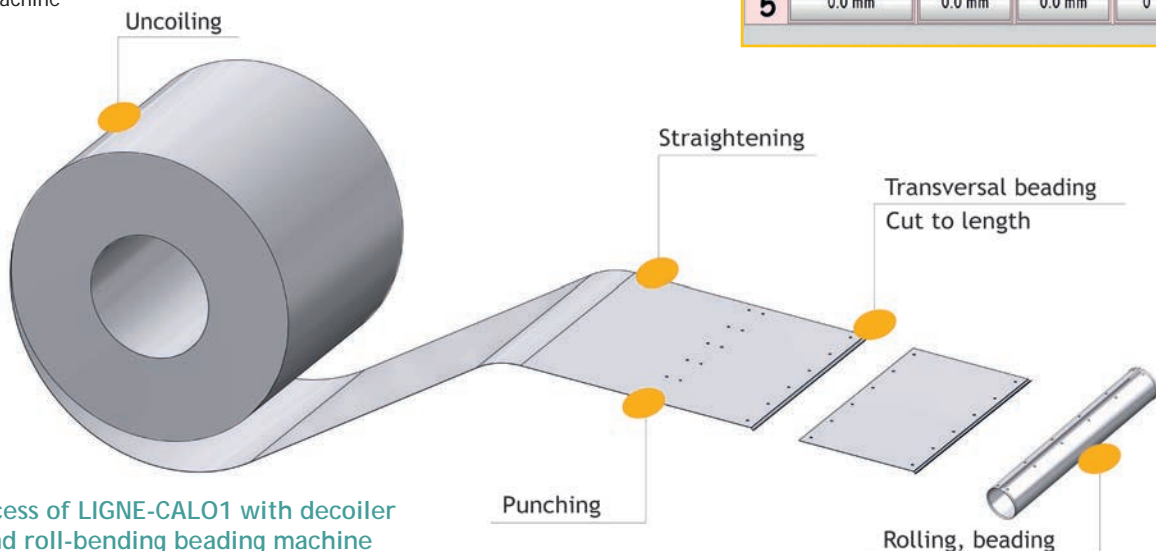
Insulation Numerical control:

The Insulation numerical control is simple and easy to use.

- Operator's access code to lock the use of the machine
- "Manual" mode to uncoil the sheet and cut to length without specific programming
- "Auto" mode enables making production programs, by inputting:
 - the manufacturing name or reference
 - the length of the sheet to cut
 - the required quantity of pieces
 - with punching or not
 - the position of the holes in relation to the sheet edge
- Possible to create a library for parts
- The maintenance menu shows the lengths already uncoiled with a reset possibility, as well as the next maintenance operations depending on the use of the machine



Chantier 1					HELP
	L	A	B	Q	
1	314.0 mm	15.0 mm	15.0 mm	32	~
2	628.0 mm	15.0 mm	15.0 mm	100	~
3	785.0 mm	20.0 mm	20.0 mm	48	~
4	0.0 mm	0.0 mm	0.0 mm	0	~
5	0.0 mm	0.0 mm	0.0 mm	0	~



Process of LIGNE-CALO1 with decoiler and roll-bending beading machine



Model LIGNE-CALO1



Additional equipment

• Decoilers Ref. DVS1000, Ref. DVS1250

For Ref. DVS1000:

- Maximum coil width: 1 000 mm
- Maximum weight per coil: 1 200 Kg

For Ref. DVS1250 :

- Maximum coil width: 1 250 mm
- Maximum weight per coil: 1 000 Kg

Besides its uncoiling function, the decoiler also enables rewinding, thanks to a sheet-clamp with integrated gauge, without any action on the hub expansion required.



• Automatic transfer table Ref. STABLELIGNE, STABLELIGNE-125

This table, with a useful working width of 1 or 1.25m, helps recovering the flat sheets shaped by the insulation line LIGNE-CALO without simultaneous rolling, or transferring them to the automatic roll-bending beading machine SDS3600.

The transfer table Ref. STABLELIGNE-125 is adjustable and can be used with 1m wide metal sheets.



• Roll-bending beading machines Ref. SDS3600-50, SDS3600-50-125, SDS3600-60, SDS3600-60-125

The roll-bending machine SDS3600 is equipped with a Numerical Control which enables to:

- Store the position of the bender roller according to the diameters of pipes, material and thickness
- Drive the whole line or the roll-bending machine only by creating programs with desired quantities and lengths

It is possible to work with 1000mm wide metal sheets on the roll-bending beading machines Ref. SDS3600-50-125 and Ref. SDS3600-60-125 by changing the 1250mm rollers with 1000mm rollers (optional)



Example of part made with the roll-bending beading machine

