



adjustable coating head

Flexible and accurate bandwidth control

Continuous coating head with manual bandwidth control. It consists of two independent sheets, which extend from the center to the ends, and activated using levers located in the same side (operator's side).

The displacement of each sheet is measured in mm, using 4 digit meters. An independently warmed hydraulic valve is attached to the head, with pneumatic activation.

As optional item, a pneumatically activated zoom in, zoom out retractable system is provided that allows the operator to remove the substrate from the coating lip when the machine stops.

Due to its design characteristics, it allows operational flexibility, making it possible to work in the center of the machine or on the paper edge, laminate over horizontal or vertical substrate, independently of the direction that the substrate advances with regards to the coating lip.

- Standard version: 20 to 350 mm
- Configurable version: According to the attached formulas. Maximum width 630mm
- Special version: Consult in case of maximum widths over 630 mm.

Determining the regulation margin with the configurable version.

Upon request, different margins that use the same head body may be designed for regulation widths that are other than the standard. Once the maximum width is known, the corresponding minimum width can be determined, and, vice versa, once the minimum width is known, the associated maximum width can be determined.

These values are determined using the following formulas:

$$\text{Max. Width (mm)} = \frac{680 + \text{Min. Width (mm)}}{2} \quad \text{or} \quad \text{Min. Width (mm)} = 2 \times \text{Max. Width (mm)} - 680$$

Special version

In the case of regulation widths greater than the maximum limit of 630 mm, the factory should be consulted, providing information about the minimum and maximum widths, as well as the characteristics of the installation (type of machine, space available, adhesive, fusion equipment used, etc.).

PRODUCTS RANGE

103700010	Adjustable coating head 20/350 (RTD-Pt100)
R0004125	Adjustable coating head 20/350 ND (RTD-Ni120)

ACCESORIES

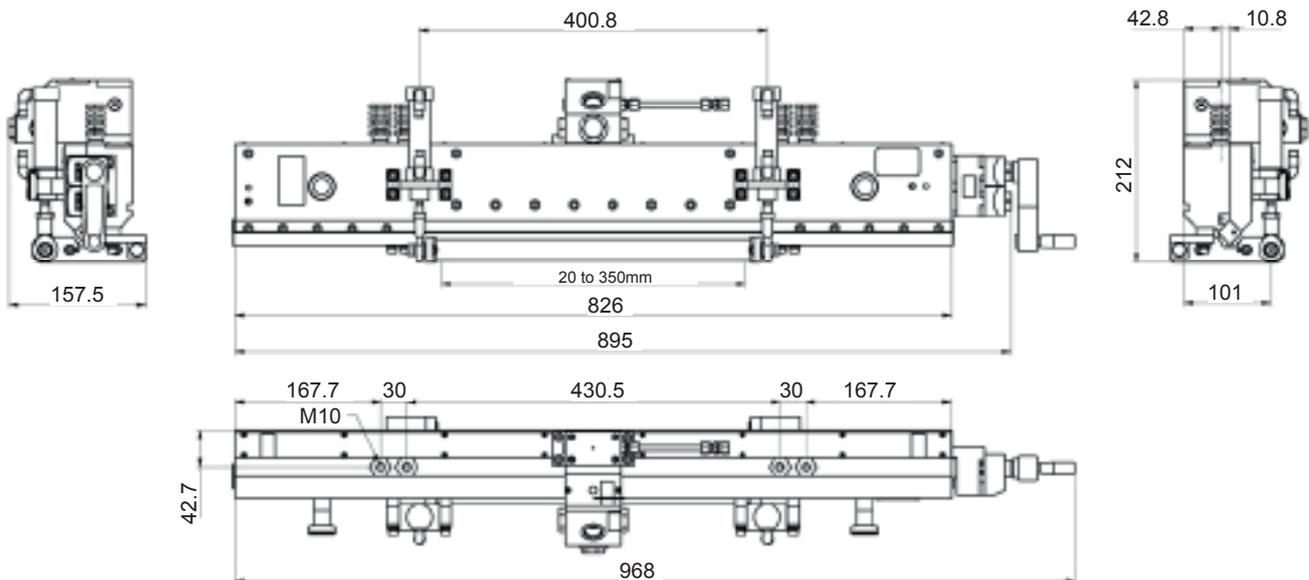
111200060	Adjustable head straightener rollers
115000630	Power amplifier gun/head up to 3200 W (RTD-Pt100)
115000640	Power amplifier gun/head up to 3200 W ND (RTD-Ni120)

TECHNICAL CHARACTERISTICS

Standard version.....	adjustable between 20 and 350 mm
Electric voltage.....	230 Vac / 50 Hz
Power.....	3000 W (*)
Sheet thickness.....	0,4 mm
Bandwidth control.....	from the center to the ends
Displacement accuracy.....	± 0,1 mm
Individual sheet activation.....	independent, both from the operator's side
Temperature range.....	up to 200°C (230°C optional)
Temperature probe.....	RTD
Air pressure.....	6 bar max.
Hydraulic pressure.....	100 bar max.
Hydraulic valve flow.....	100 kg/h (depending on the adhesive and maximum pressure of the fusion equipment)
Viscosities.....	1.500- 70.000 mPa.s
Filtering.....	100 mesh (standard), built-in
Adhesive types.....	base EVA, PUR, PO, etc.
Substrate types.....	flexible band (PVC, paper, aluminium, wood veneer, etc)
Fuser equipment.....	recommended for use with geared pump equipment
Dimensions.....	see the corresponding section
Weight.....	45 kg

(*) Due to the electrical power of these elements, it is not always possible to connect them to the melting equipment that supplies them. In these cases, it is necessary to use power amplifiers, as in the references indicated in the previous section.

DIMENSIONS



For more information speak with your Focke Meler representative:

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