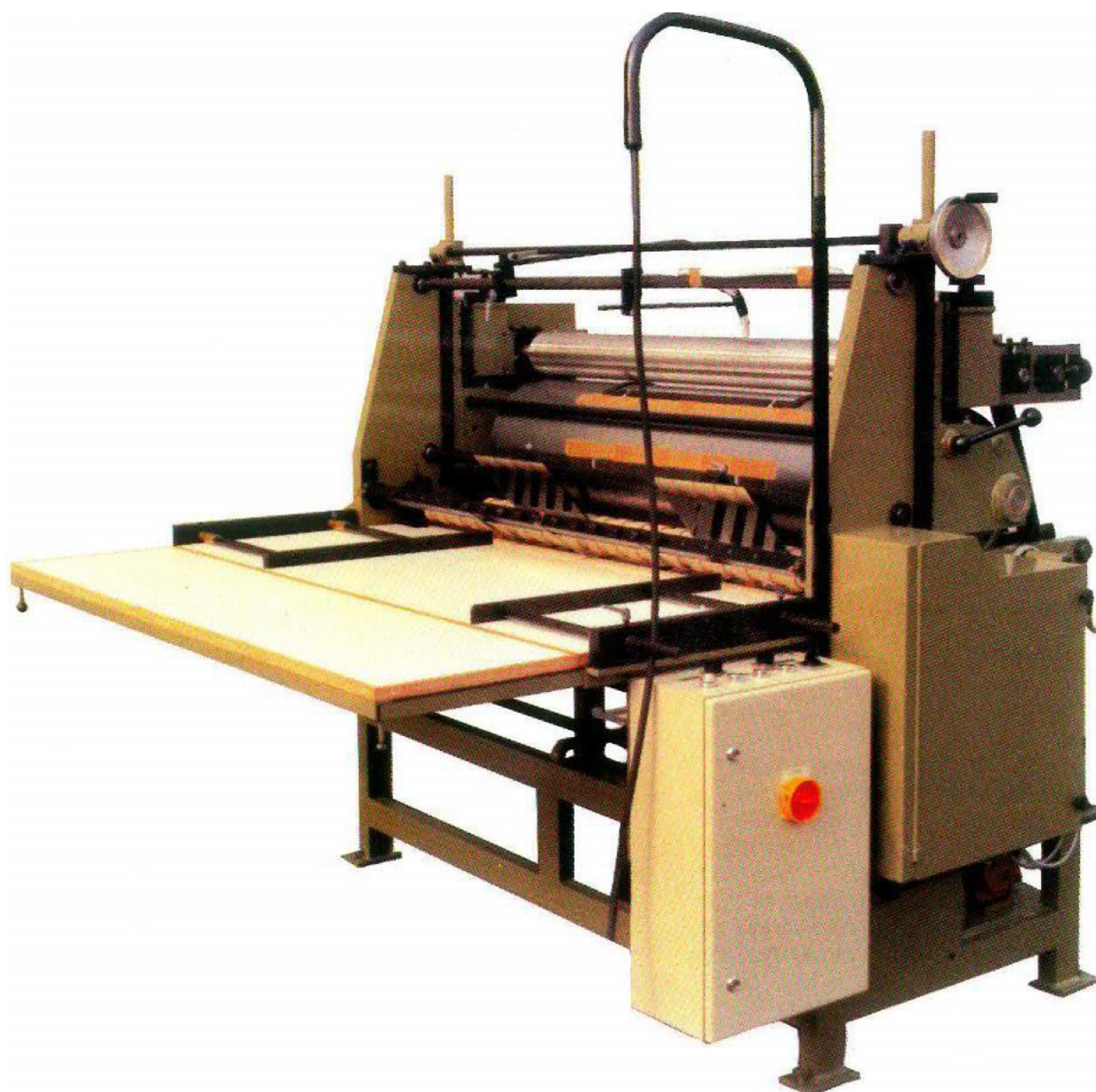




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Forming Glue Spreading Machine Type FLM 700/1000 and FLM 1000/1400



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Short Description and Operation of Forming Glue Spreading Machine Type FLM 700/1000 and FLM 1000/1400

This machine is a very stable model and by using ball bearing and pendulum bearings, wear is reduced and little maintenance is required. Particular importance is attached to protective devices, whereby the operating controls are readily accessible.

To change the tooling, no special tools are required.

The working table is coated with Formica on both sides and is made up of 2 pieces, for large and small sheets. It is provided with 2 stable side stops.

The deposit station is provided with 2 micro switches to ensure redundancy (right and left). Furthermore, 4 each transport markers, short material holding down devices, up to the present transport marker, long material holding down devices, up to the intake roller are attached (these are exchangeable).

All transport rollers are completely covered with rubber. The upper advance and intake rollers have cutouts for material holding down devices.

The generously dimensioned, chrome plated counter press roller is rigidly adjusted and provides a constant working level. The counter pressure can be regulated.

The aluminium cylinder serves to accept the forming stamps and has a horizontal zero marker and a vertical central mark. It is fixed at the sides, easy to turn and easy to stop. It is possible to adjust the height of the entire unit with respect to the counter pressure roller by 0 - 20 mm. The height adjustment is made using a central hand wheel.

The stamps are made out of foam rubber, 7 - 8 mm thick. The foam rubber is glued to a 0.2 A sheet. The print factor for these stamps amounts to approx 4%. The glue carriage with the spreading and dosing roller is to be adjusted lightly according to the stamp thickness within the unit as well.

The cross pieces and the runout have 4 easily changeable strippers for thin sheets and 4 extraction rollers to guarantee clean transport.

The cams controlling the feed time are mounted outwardly on the driving side. Sheets of up to 1000 mm length can be handled.

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The machine is driven from a permanent magnet DC motor 380 V, 0.55 kW, with gear, controllable by potentiometer on the switch cabinet, switches ON — OFF and INCHING.

While the INCHING or CONTINUITY switch is first used as OFF switch, another touch lets the drive only run at crawling speed for cleaning or setting (4 revs/min); releasing the switch brings the machine to an immediate stop.

The glue is supplied from a plastic tank through a DELASC hose pump by rotation and with the same driving and control system as the main drive.

Technical specifications:

Type	FLM 700/1000	FLM 1000/1400
Overall dimensions:		
Width approx.:	1750 mm	2170 mm
Depth approx.:	1400/1100 mm	1750/1350 mm
Height approx.:	1600 mm	1850 mm
Weight approx.:	1900 kg	2300 kg
Working height:	850 mm	900 mm
Max. sheet size and glue spreading surface:	720/1020 mm	1020/1420 mm
Min. sheet size and glue spreading surface (Double coating possible):	170/170 mm	200/200 mm
Material thickness up to approx.:	20 mm	20 mm
Electric power supply:	380 V	380 V
Main drive motor power:	0.55 kW	0.55 kW
Power of the glue pump motor:	0.25 kW	0.25 kW
Working cycle, adjustable using potentiometer:	4-36 min ⁻¹	4-30 min ⁻¹
Glue quantity, adjustable using potentiometer:	30-210 l/h	30-210 l/h

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