

EVOLUTION **TECH**

EVOFILM



COMBINED ROTARY PRESS FOR IRONING AND APPLICART

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EVOLUTION TECH IS PROUD TO PRESENT ITS NEW FOIL SHEET LAMINATING PRESS, WHICH IS ALSO AN EXCELLENT MACHINE FOR PRESSING AND POLISHING LEATHER.



ROTARY PRESS DESIGNED FOR LAMINATING SHEETS (FOIL)



Evofilm has been developed and designed to apply the foil in the most difficult leathers, in tough and thick leathers.



This pursuit of quality for maximum adhesion between leather and paper, in the pursuit of eliminating creases in the toughest leathers has simplified the use of applicart.



GENERAL CHARACTERISTICS



- Applicart and felt protection controlled by touch screen to facilitate the different settings, all stored in our software.
- Pressurised start, saving metres of film on each restart.
- Ironing and polishing to a mirror finish thanks to the high-gloss chrome cylinder which manages to impart shine to the leathers.
- Automatic and programmable start-up and shut-down timer for roller heating.
- Cylinders with low volume diathermic oil and forced circulation to minimise cylinder heating and cooling times and achieve perfect heating uniformity over the entire surface of the operating cylinder.
- Hydraulic pressure circuit with the possibility of working from 2 to 140 kg/cm (linear).
- Working temperature up to 160°C.
- Conveyor system controlled by inverters duly sized to work up to 20 m/min.
- Low-pressure processing plant to avoid altering the softness and characteristics of the leather.

INNOVATIVE CHARACTERISTICS



- Replacement of heating unit resistors without removing the oil, which allows time savings of around 60% compared to traditional machines.
- Increased speed in bringing the cylinder to temperature by varying the speed of the oil flow.
- Transmission and reception of machine data on OPC- UA server

OPTIONAL



- Hair detacher for operating roller (recommended if the machine is combined with a stacker).
- Motorised bristle brush for cleaning the felt with suction and filter cyclone.
- Metal detector.
- Remote assistance kit.
- Roller cooling by heat exchanger.
- Introduction belt pre-heating with diathermic oil with a dedicated heating unit.
- Motorized revolver roll holder with four positions.
- Pneumatic roll holder approach to operator, for easy roll loading.

THERMOTECH

Patented system

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EVOFILM	1500	1800	2200
Dimensions LxPxH [mm]	3180x2200 x2030	3480x2200 x2030	3680x2200 x2030
Maximum power absorbed [kW]	45	45	45
Absorbed power at speed [kW]	24	24	24
Speed [m/min.]	3 ÷ 20	3 ÷ 20	3 ÷ 20
Pressure [kg/cm]	0 ÷ 140	0 ÷ 130	0 ÷ 120
Maximum cylinder temperature [°C]	160	160	160
Maximum preheating temperature [°C]	110	110	110
Power pre-heating conveyors [kW]	8	8	8
Max weight [ton]	7,5	7,8	8,2

Evolution Tech s.r.l.



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