

## More power for the packing industry

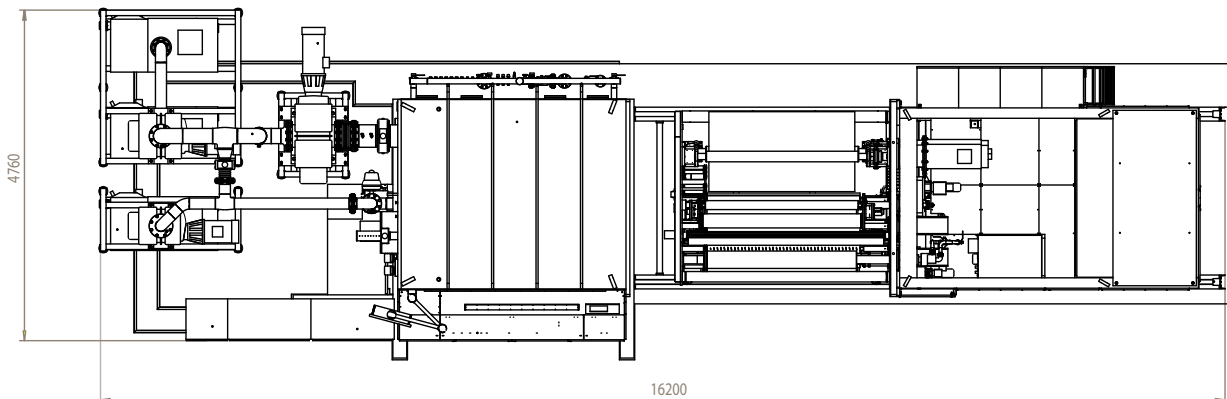
Polypropylene, polyester, paper or other materials: Pro-M is a real multi-value platform. Based on a component structure, this coating system for packaging films meets even very special demands. For example, Pro-M can quickly be changed from CPP to hot stamping mode.



WEB

# PRO-M

Technical Features



Pro-M 2100



LEYBOLD OPTICS

## Fit for future challenges

Pro-M sets new standards in throughput and layer quality. The high-speed winding system achieves a web speed of up to 17 meters per second. Heat-sensitive films, papers or even hot stamping film - customers have the choice.

## Technical Data

Feature	PRO-M 1300	PRO-M 1700	PRO-M 2100	PRO-M 2500
Max coating width [mm]	1300	1700	2100	2500
Max web speed [m/s]	17	17	17	17
Max Winder tension [N]	500	500	850	850
Coating drum temperature [°C]	+30 to -20	+30 to -20	+30 to -20	+30 to -20
Number of Al-evaporators* [pcs.]	14	18	22	26
Number of vacuum chamber	2	2	2	2
Working pressure coating section [mbar]	$4 \times 10^{-4}$	$4 \times 10^{-4}$	$4 \times 10^{-4}$	$4 \times 10^{-4}$
Pumping time to working pressure [min]	<5	<5	<6	<6
Water consumption, average** [m <sup>3</sup> /h]	18	20	24	28
Power consumption, average** [kW]	190	230	270	310

### Features for all systems

Winding control	4 x AC vector drive
Winder diameter* [mm]	1,150 (for paper optional 1,500)
Boat size [mm]	10 (9) x 30 x 130 up to 10 (9) x 44 x 130
Evaporator control	individual, 14 VAC, 16 kVA, RHTC - SCR

\* other specifications on request

\*\* depends on configuration

Other machine sizes on request

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