

Wax coating and lamination line



By ABTECH S.R.L. - ITALY



Reference	ABT-Wax
1.01 Brand	ABTECH
1.02 Model	Fedra-CL 1200
1.03 Note	The following data can be customized on specific needs of the client
1.04 Type	Wax coating and lamination line
1.05 Applications	One side paper coating Two sides paper coating One side paper coating and lamination with aluminium foil
1.06 Availability	In 8 months from the date of order
1.07 Max web width (mm)	1.230
1.08 Max working width (mm)	1.200 (max coating width)
1.09 Min working width (mm)	600 (min coating width)
1.10 Speed (m/min)	250 (max mechanical speed)
1.11 Materials	Paper - weight range: 20 - 120 g/ m ² Aluminium foil - thickness range: 6,35 - 25 micron
1.12 Unwinders 1 & 2	For single reel with expandable shafts (3" and 6" diameters) Max weight of reels: 1.000 kg
1.13 Mother reels	Max diameter of paper reels: 1.000 mm Max diameter of aluminium foil reels: 600 mm
1.14 Rewinder	For single reel with expandable shafts (3" and 6" diameters) Max weight of reels: 1.300 kg
1.15 Daughter reels	Max diameter of reels: 1.000 mm



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1.16	Web tension range	4 - 40 kg
1.17	Coating group	3 rollers system for single side coating: chromed coating roller, heated by thermal oil; rubberized dosing roller; rubberized pressure roller. 4 rollers system for double side coating: two small rollers dip the paper into the wax; the chromed roller (heated by thermal oil) and the rubber roller work as metering rollers and remove excess wax. Stainless steel wax tank with one internal pipe serpentine (located in the interspace of the tank) for thermal oil circulation.
1.18	Lamination group	Chromed laminating roller, heated by thermal oil Pressure roller covered by special rubber, antistatic type, with independent pressure adjustment on both sides.
1.19	Cooling rollers group	N. 2 chromed cooling rollers Calender N. 1: diameter equal to 400 mm Calender N. 2: diameter equal to 400 mm Calender N. 2 is also equipped with a pressure roller to increase the cooling effect
1.20	Motion transmission	The main motor is connected by mechanical speed variators to the coating rollers, the lamination rollers, and the two calenders
1.21	Further information	The machine needs: 1) the wax preparation system 2) the chiller to feed the water to the 2 calenders 3) the heating system for thermal oil All of them can be quoted upon request



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