

CONTINUOUS FINISHING LINE FOR DENTAL FLOSS

TYPE FID-B

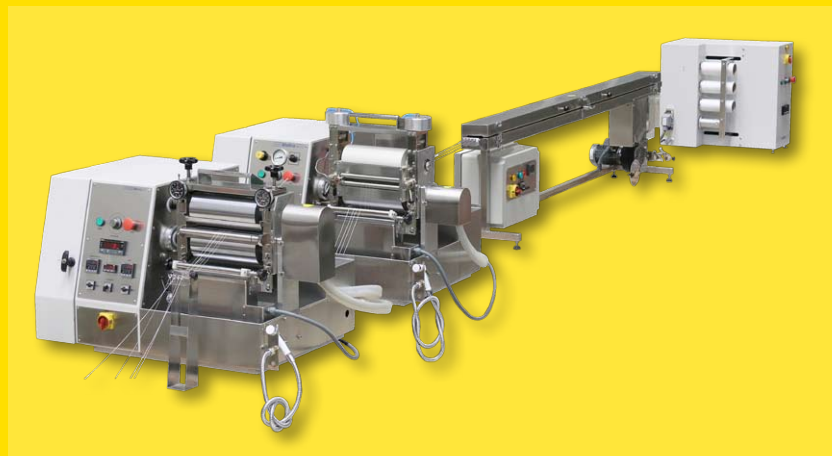
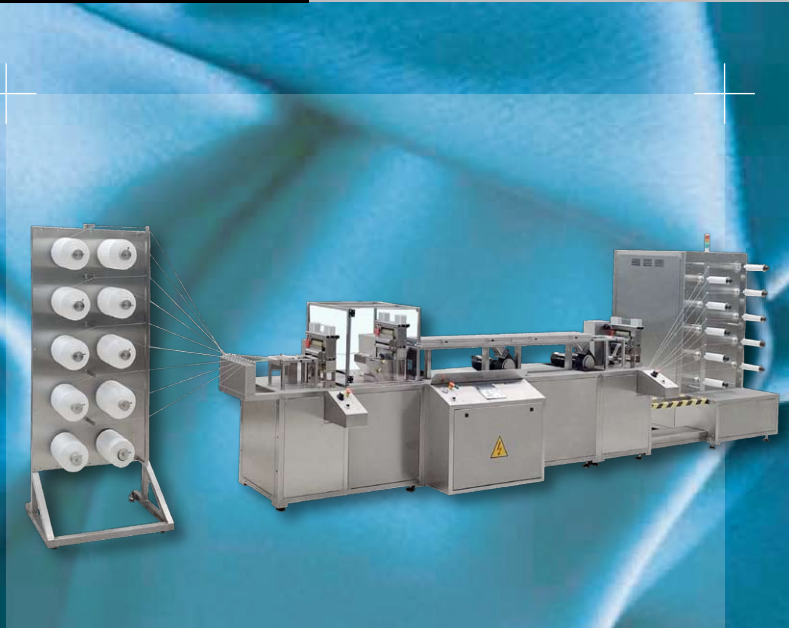
GENERAL DESCRIPTION

Customized finishing lines for dental floss yarns (example: 10 yarns), with:

- un-winder,
- yarn guiding devices;
- yarn breakage sensor;
- transport padder;
- impregnation padder with heated roller (120°C);
- heated trough (120°C);
- dryer channel with (cold/hot) air circulation;
- yarn tension control by compensator arm;
- up-winder with torque control.

Speed up to to 60m/min.

Other configurations and bigger number of yarns, on request.



Finishing line for 4 dental floss yarns, composed by :

- calender heated up to 150°C (thermal oil), with heated trough (95°C)
- vertical / horizontal impregnation padder, with heated trough (95°C)
- hot air drying channel up to 200°C,
- yarn winder for 4 bobbins.

Designed for product development and research simulating production process.

Adjustable speed from 0,5 to 30m/min.

TECHNICAL DATA - TYPE FID-B

Number of yarns	4 - 10	(other number on request)
Transport speed	1 - 60 m/min	
Trough temperature	up to 95 °C	
Padder cylinder material	superior: silicon / inferior: chrome *	
Calender and padder cylinder width	110 - 250 mm	(on request)
Calender and padder cylinder diameter	110 mm	
Calender cylinder temperature	up to 150 °C	
Calender cylinder material	stainless steel with hard chrome finishing *	

Hot air dryer temperature	up to 200 °C (hot air circulation)
Hot air dryer heating	electric heaters
Power supply	220 V (50 / 60 Hz)

* Material for rollers/cylinders defined on demand



Touch Screen controller
Option to activate half of up-winders only



Dryer channel, panel with Touch Screen controller

Customized machine designs according to customer needs, pilot or productions lines. On request

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