MAXTRUSION

SMART EXTRUSION SYSTEMS

Cast Film Machine

MX-C120

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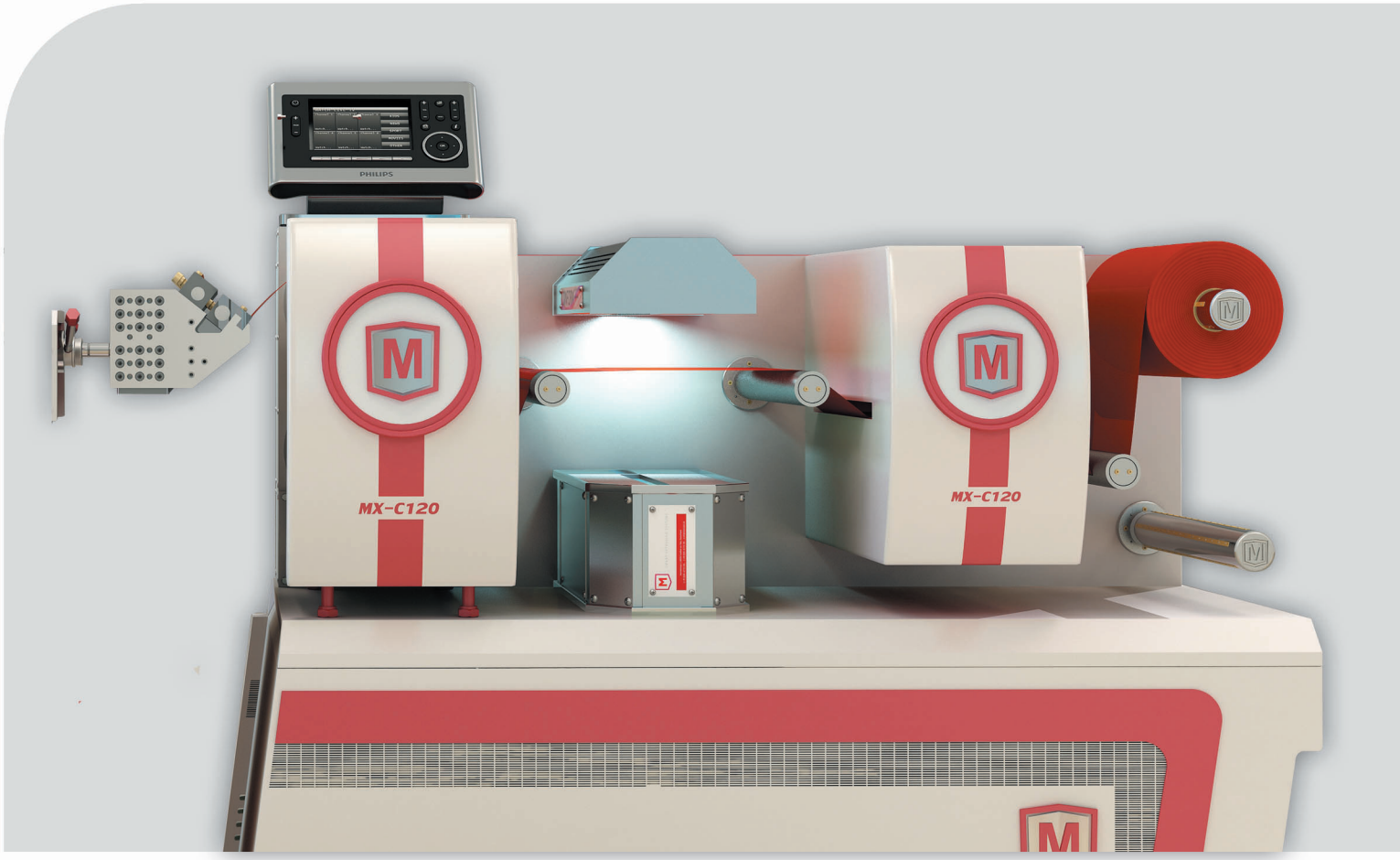
Laboratory mono-layer cast film machine MX-C120



This stand-alone mono-layer cast film machine is engineered for a wide range of applications.

It is a very powerful tool for material and product development. It is also widely used for continuous quality check during production.

The simple and intuitive oparation makes it very practical to conduct trials efficiently and reliably.

Extruder
Universal screw extruder capable of processing a wide rang of material in order to cover the complete spectrum of applications.

Die Head
Optimized coat-hanger type die head designed to provide optimum and uniform flow conditions and easy cleaning of melt path.

Chill roll
The high efficiency chill roll systm consists of highly polished rolls and is designed and constructed to run different film guages.

Winder
The integrated centre winder is engineered to perform different winding jobs with high winding quality and superior roll geometry.

Technical Specification

Model	MX-C120	
Machine type	Mono-layer cast film machine	
Resin type	LLDPE - LDPE - PP	
Film width	Up to 150 mm	
Film thickness	20µ - 100µ	
Extrusion capacity	4 kg /hr	
Extruder	Design	universal screw design including pineapple mixer for distributive mixing and conical maddock mixing section for dispersive mixing.
	Drive	2.2 kW
Die Head	Coat hanger manifold to ensure uniform distribution	
Haul off	Nip roller	200 mm
	Speed	Up to 50 m/min
Centre winder	Drive	0.37 kW
	Max.roll diameter	300 mm
	Speed	Up to 50 m/min
Control / Operator Interface	PLC control system with touch screen	
Total heating capacity	2.5 kW	
Dimensions	Length	2 m
	Width	0.8 m
	Height	1.6 m

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