



MAXTRUSION
SMART EXTRUSION SYSTEMS



Laboratory Cast Film Machine

MX-C120



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Laboratory Cast Film Machine MX-C120



The MX-C120 is a laboratory cast film machine engineered for a wide range of products and applications. The MX-C120 is often utilized as a quality control tool to monitor the quality of different production batches. It is also frequently used for product development to evaluate the performance of different materials and formulations.



Gravimetric Dosing

The gravimetric dosing system **EXAKTFEED**, together with the extrusion control system ensure optimum material feeding.



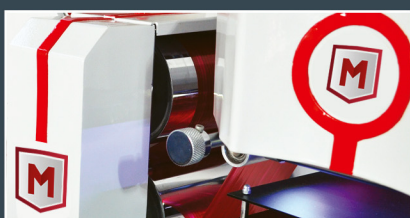
Extruder

The **MAXTEC** universal screw extruder is designed to process a wide range of materials in order to cover the complete spectrum of applications.



Die Head

The optimized coat hanger die head is designed to provide uniform flow conditions and easy cleaning of melt path.



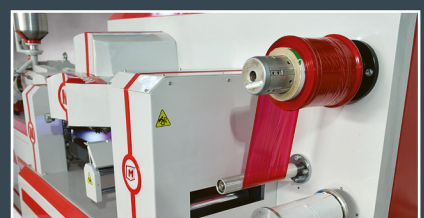
Chill Roll

The high efficiency chill roll system consists of highly polished rolls and is designed and constructed to run different film gauges and structures.



Inspection System

The advanced inspection system **MAXVISION** can be integrated to detect and document a wide range of defects in the product.

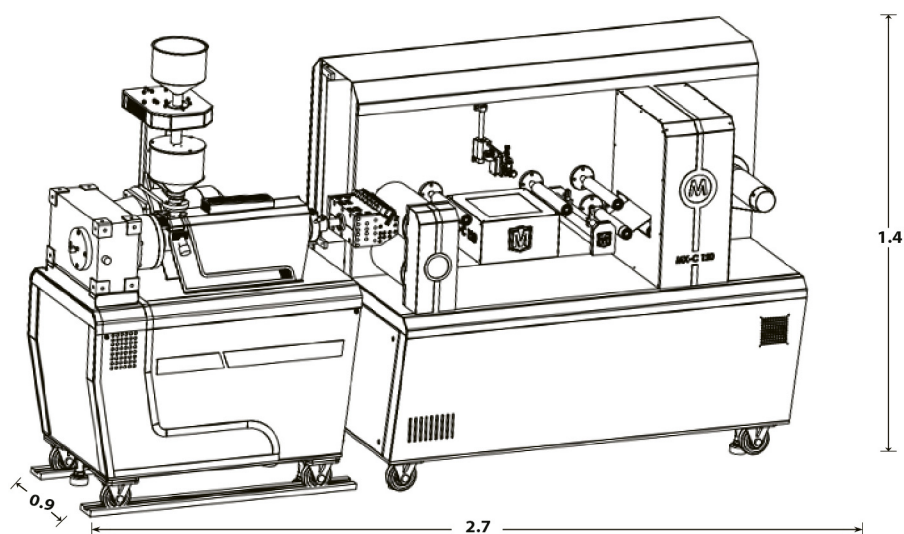


Winder

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

Technical Specifications

Model	MX-C120	
Machine Type	Laboratory Cast Film Machine	
Resin Type	LLDPE-LDPE -PP	
Film Width	Up to 150 mm	
Film Thickness	20 - 150 µm	
Extrusion Capacity	5 kg/hr.	
Extruder	Size	25 mm barrier screw
	Design	Universal screw
	Drive	2.2 kW
Die Head		200 mm Coat-Hanger manifold
Chill Roll	Type	Water cooled
	Width	200 mm
Maxvision	Defect type	Gels, fisheyes, holes, wrinkles, Burnt Materials, etc.
	Resolution (MD/CD)	0.02 mm/pixel
	Light transmitter	1x LED light transmitter in transmitted light
Winder	Winder type	Center
	Max. roll diameter	300 mm
	Speed	25 m/min
Total Power	7.5 kW	
Dimensions	Length	2700 mm
	Width	900 mm
	Height	1400 mm



Dimensions in meter



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