



MAXTRUSION

SMART EXTRUSION SYSTEMS

Five-layer Blown Film Machine

MX-B520



Five-layer blown film machine MX-B520



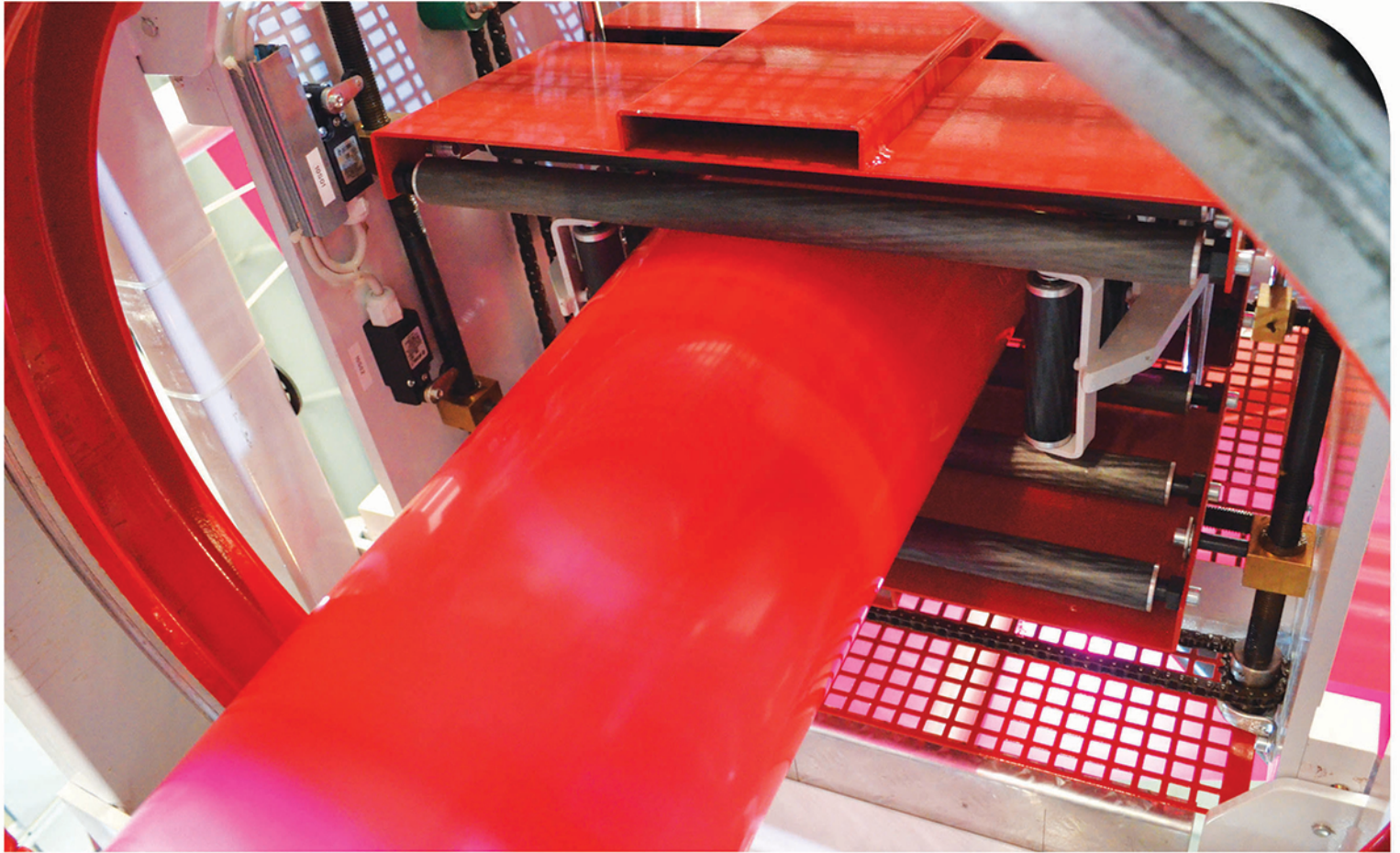
The MX-B520 belongs to the new generation of smart pilot extrusion lines. This equipment is basically dedicated for product testing and development.

The concept is designed to cover a wide range of applications including raw material suppliers and film producers.

The equipment is perfectly configured to produce film quality comparable to commercial production equipment from the industry.

This provides a powerful tool for product development and engineering. Most of the units are modular and can be configured based on the customers requirements.





Our extensive know how and expertise in the multi-layer extrusion system design enables us to configure Pilot and laboratory extrusion system that are perfectly suited for the exact targeted application.

The range of products starts from the very simple but efficient mono layer machine up to the high end nine-layer extrusion system for the barrier film industry.



Dosing

The gravimetric dosing EXAKTFEED together with the integrated extrusion control system enable very precise feeding of material.



Extruder

Universal screw extruder capable of processing a wide range of material in order to cover the entire spectrum of applications.



Die head

Optimized stack die designed to provide optimum flow conditions and simple cleaning procedure of melt channels.



Haul off

the inverter controlled haul of unit is specially designed for laboratory applications and can run at relatively low speeds .

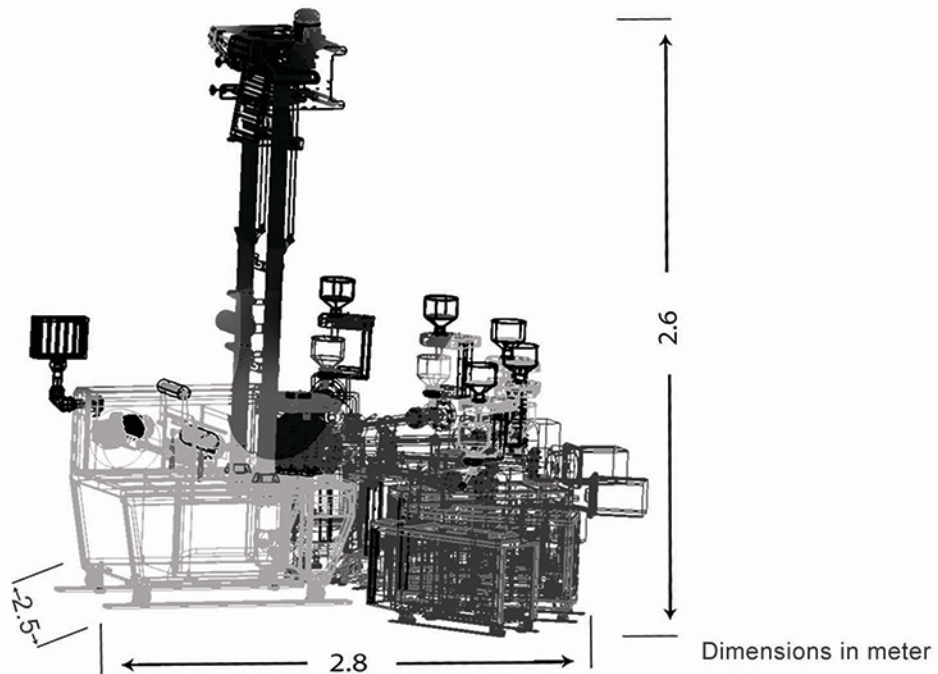


Machine Control

User friendly interface specially designed for laboratory applications. The system monitors and displays all relevant production conditions

Technical Specification

Model	MX-B520	
Machine type	five-layer Blown film Machine	
Dosing	Loss in weight gravimetric dosing with extrusion control	
Resin type	LDPE - LLDPE - HDPE - Metallocene	
Film width	Max. 200 mm	
Film thickness	20 μ m - 150 μ m	
Extrusion capacity	20 kg/hr.	
Extruder	Design	universal screw design
	Drive	5 X 4 kW servo drive
Die Head	Stack spiral design with insert size 60 mm	
Haul off	Nip roller	Φ 140 mm \times 300 mm
	Speed	25 m/min
	Drive	0.37 kW
Centre winder	Max.roll diameter	400 mm
	Speed	25 m/min
Operator Interface	7 inch touch screen	
Total heating capacity	28 kW	



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