



Product:

Cast Film Line

Manufactured By:

Optical Control Systems

Cast Film Die
Die diameter 20 / 50 / 100 / 150 / 300 mm Die gap fixed or flexible

Measuring Extruder Type ME	
Drive technology	Synchronous motors 2.8 kW, 5.8 kW, 9.1 kW Speed range 0.2 - 150 rpm Max. torque 120, 300, 500 Nm
Screw (individual configuration)	Special steel, ionitrided Single-thread Feed zone Compression zone Metering zone Compression ratio Mixing part Barrel Diameter 20, 25, 30 mm [others on request] Length 10D - 35D [standard 25D, optional 10 - 35D] Wide range of screw design
Temperature zones	Setting range 0 - 400 °C Temperature sensors type FeCuNi, type J Max. working temperature 380 °C

Rheology Solutions is the sole Australian Distributor of this product. Full product information is available to download from www.rheologysolutions.com. If you have any questions or require further information please contact us. We look forward to being of further service.

Regards from the Team at Rheology Solutions.

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Chill Rolls & Winder Unit CR9/WU9	
Drive technology	Three asynchronous drive units with servo controllers
Chill rolls	Rating: 0.25 kW Production speed: up to 15 m/min (optional 30m/min) (l, w, h) 165 x 118 x 186 cm Working height 110 cm Weight approx. 360 kg
Guide rolls	Diameter: 140 mm Width: 200 mm or 320 mm Working width: 160 mm or 300 mm Material: stainless steel chromium-plated or anti-sticking coating Temp. ranges: 5 - 85 °C (optional up to 150 °C) (l, w, h) 193 x 120 x 186 cm Weight approx. 440 kg
Nip rolls	Diameter: 40 mm Working width: 160 mm or 300 mm Material: stainless steel (optional Coating-K coating)
Winder	Diameter: 90 mm Working width: 160 mm or 300 mm Tension force: max. 20 N Material: aluminium rubber-coated Shaft: 150 mm Film roll diameter: up to 600 mm Working with: 160 mm or 300 mm
FTIR:	(l, w, h) 264 x 126 x 186 cm Weight approx. 700 kg
Tension force:	max. 20 N
Device interface	Ethernet 10/100 M Base T
Physical interfaces	(datex per external server)
Communication protocol	Ethernet 10/100/1000 M Base T, USB, RS 485, RS 232, digital & analogue I/O MODBUS RTU, MODBUS TCP/IP, OPC, SQL, File Transfer, PROFIBUS (Implementation to other Fieldbus-systems possible)
Power supply	400 V, 3 phase + N + PE (5 wires)

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