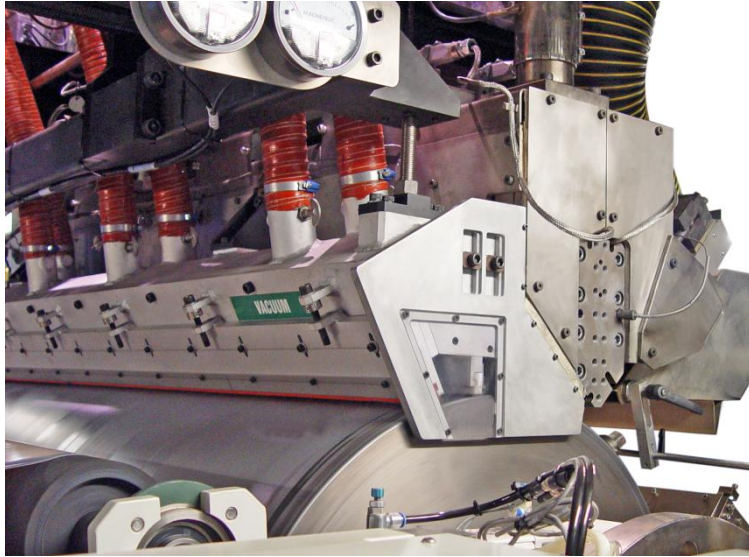


# CPP Film Lines

Versatile Coextrusion Solutions for High Quality CPP Film Production



## Key Features:

- Optimized screw and die designs ensure excellent gauge uniformity and low gel content
- Innovative winding technology produces high quality rolls with zero scrap roll transfers
- Versatile extrusion technology can also be used to produce high barrier films
- Modular design allows for future line modifications to extrusion coating or lamination system

## Applications:

- Food packaging
  - High transparency films (bread, dry foods)
  - Twist films (confectionary, candy)
  - Metalized films (snack foods)
- Retail packaging
  - High clarity films (textiles, flowers)
- Medical films
- Lamination film

Macro's CPP film line is a high speed cast system with newly redesigned features that improve the processor's bottom line by reducing scrap, downtime and energy consumption.

The cast unit is designed with an optimized vacuum box and air knife for precise contact with the cooling roll, producing high quality films with low gel content. The automatic roll cleaning device continuously removes waxy build up from the cast roll and improves the line's uptime.

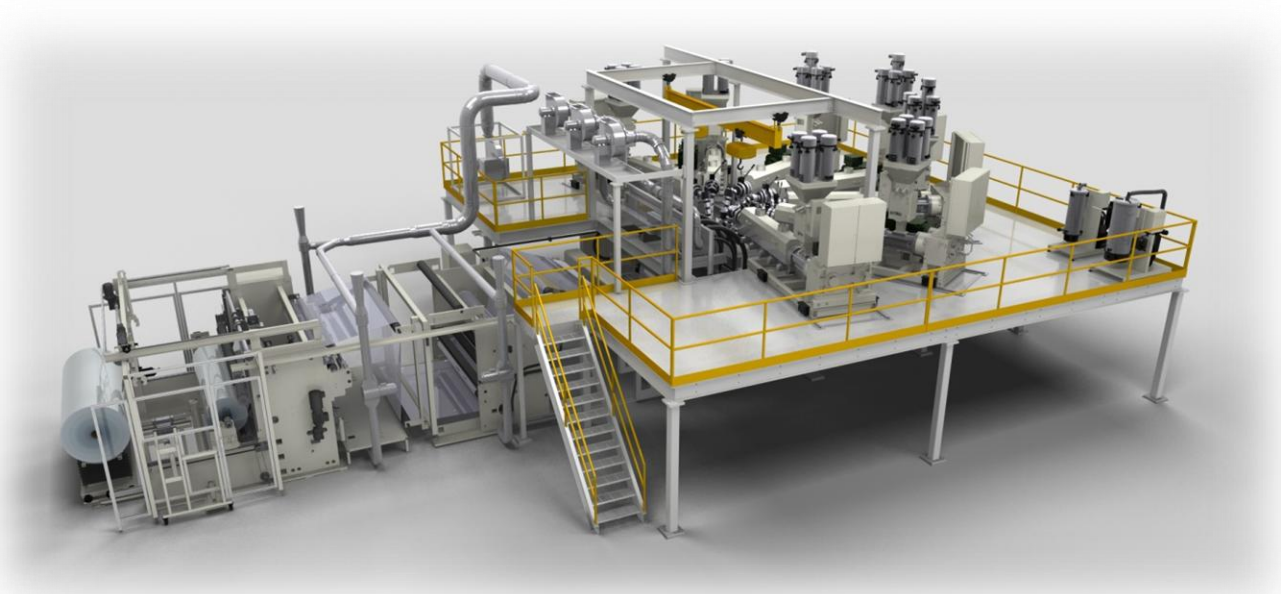
The innovative winder design produces large diameter rolls with zero waste, and end-of line semi-automation features improve plant safety and overall line efficiency.

The extrusion module can be designed for future line versatility that allows the processor to also produce high-barrier films with EVOH, Nylon and PVdC.

The line is also constructed for potential modifications to perform extrusion coating and lamination objectives.

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Model	CPP-1600	CPP-2100	CPP-2500	CPP-3500	CPP-4000	CPP-4500
Final Film Width (mm)	1600	2100	2500	3500	4000	4500
Film Thickness Range (µm)	15 - 100	15 - 100	15 - 100	15 - 100	15 - 100	15 - 100
No. of Layers	3, 5, 7	3, 5, 7	3, 5, 7	3, 5, 7	3, 5, 7	3, 5, 7
Raw Materials	Homo-Copolymer PP					
Extruder Diameters (mm)	Sizes range depending on application: 65, 80, 100, 130, 160					
Die Type	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Net Output (Kg/h) @ 35 µm PP	550	750	900	1150	1500	1500
Production Speed (m/min)	350	350	350	350	350	350
Cast Roll Diameter/Width (mm)	700/2250	960/2050	960/2950	960/4000	960/4500	960/5000
Winder Type	Pope winder with power-assisted shaft handling and roll removal					
Maximum Roll Diameter (mm)	800	800	1000	1000	1000	1000
Multiple Rolls, Maximum No.	3	3	3	3	3	3
Airshaft Diameters (mm)	152	152	152, 203	152, 203	152, 203	152, 203



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