



The CONSTAB GER Pilot Plant

Scope for big ideas



Working together for the future of plastics.



Welcome to CONSTAB GER's Pilot Plant!

Our Pilot Plant is equipped with the latest state-of-the-art lab extrusion from Collin: two Lab Line E20x30D and one Lab Line E25x30D. These can either be fixed to our 3-Layer Blown film line with 300 mm width or to our Cast film line, which offers 5-layer symmetrical or 3-layer asymmetrical film with 400 mm width. You can find detailed technical information on the right page.

CONSTAB GER welcomes visitors to tour the facility and discuss renting time on the lines for product development and testing needs.

Please contact Cedric Maas to get started. He is responsible for all topics relating to the pilot plant.

Contact

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A wide range of options

Technical data:

Machinery

- 2 x Lab Line extrusion 20 mm x 30 D
 - max. throughput approx. 10.5 kg/h
 - 19-liter hopper incl. automatic filling
- 1 x Lab Line extrusion 25 mm x 30 D
 - max. throughput approx. 17 kg/h
 - 19-liter hopper incl. automatic filling

Cast film system

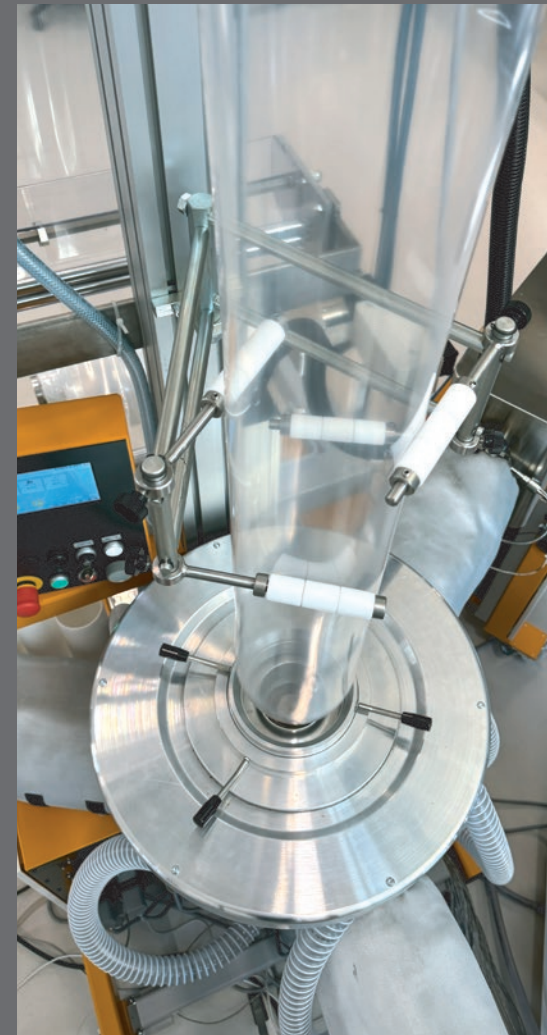
- Adjustable 3- and 5-layer feed block
- ABCBA or ABC or ACB structure
- 400 mm film width
- Adjustable die gap: 0.2 – 2 mm

Blown film system

- 3-layer blown film die
 - ACB structure
- 1.4 or 0.6 mm die gap
- up to 300 mm film width (double lay flat)

Possible laboratory analysis at CONSTAB GER with reference to films:

- Microtome preparation
- digital microscopy
- COF (heated and room temperature)
- Haze and gloss measurement
- Cold and hot fog
- Fire chamber for B2 fire tests
- FTIR, ATR und FTIR Microscope
- Gas chromatography
- Ash determination
- Tensile test
- Sealing strength





We are where you are.

 KAFRIT IL 1

 CONSTAB GER 2

 CONSTAB CN 3

 KAFRIT NA 4

 POLYFIL USA 5

 ADDVANZE SWE 6

 DELTA KUNSTSTOFFE GER 7

 ABSA RESINS CAN 8

 BADGER COLOR USA 9

 PLASTICS-APP 10
Plastics can imagine it, we can compound it.



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