



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 Wiebke Schaberg to get started. She is responsible for all topics relating to the pilot plant.

## Contact

Wiebke Schaberg  
Head of Pilot Plant  
Phone +49 2952 819 403  
Mobile +49 162 2499 354  
E-Mail: w.schaberg@constab.com



# 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

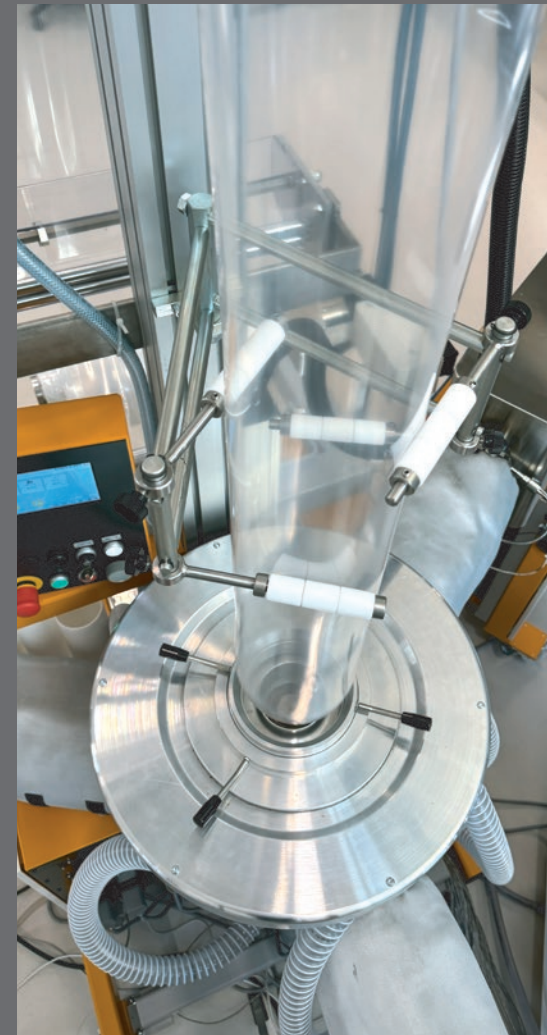
- Adjustable 3- and 5-layer feed block
- ABCBA or ABC or ACB structure
- 400 mm film width
- Adjustable die gap: 0.2 – 2 mm

### 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

 Finke 10  
Pigmente · Füllstoffe · Masterbatche

 PLASTICS-APP 11  
Polymersysteme & Spezialanwendungen



 CONSTAB GER

**CONSTAB Polyolefin Additives GmbH**

Industriestrasse Möhnetal 16

D-59602 Rütten, Germany

Phone: +49 2952 8190 | Fax: +49 2952 3140

info@constab.com | www.constab.com

