

Testing Units



Pressure Filter Test
with Melt Pump and
integrated Screen Changer

R & D Lines Pilot Plants



7-Layer Blown Film Unit
used for Research & Development



Laboratory machines for the
processing of polymers



Production Systems

3-Layer Extrusion Line for the
Production of Heart-Catheters

DR. COLLIN Products

- ***Roll Mill + Calender***
- ***Platen Press***
- ***Kneader / Compounder***
- ***Extruder***
 - ***Lines for***
 - ***Pelletizing***
 - ***Cast film***
 - ***Calendering Sheet / Film***
 - ***MDO***
 - ***Blown Film***
 - ***Blown Film Quenching***
 - ***Extrusion Coating / Laminating***
 - ***Pipes & Hoses***
- ***Special Testing Units***
- ***TEACH-LINE®***

R&D Units - Cast Film Examples





*Cast Film Unit
Type 136-350*



Cast Film Unit
Type 136-350



Kneader Type ZK 25 with 4x Feeding, Melt Pump, Die and Finishing Unit for Sheets



*Direct compounding in
coextrusion application*



MDO Reckanlage – Pilotanlage zur Produktion von atmungsaktiven Folien

MDO Stretching Unit – Pilot Plant for the production of breathable films

R&D Units – Calendaring Examples





Calender Unit Type 168/600



*Calender Unit
Type 168/600*



Calender

R&D Units – Blown Film Examples



R&D Units - Blown Film



Mono Layer Blown Film Line



7- Layer Coextrusion Blown Film Line



Coextrusion Quenching Unit

- *Calibration ring and waterbath*
- *Take-off Unit*
- *Edge cutting and winding*
- *Oszillation of take-off unit*
- *Film tension measuring roller*
- *Two central winder*
- *Microprocessor-Controlling*

R&D Units - Blown / Cast Film



Combined COEX-
Blown/Cast-Film Line

R&D Units - Extrusion Coating Examples



Typical Extrusion Coating Applications



Multifunctional Extrusion Line Type MF-ExB also usable as a Production Unit