

LABEL  
ACADEMY

# WORKSHOP

RFID IN LABELS AND PACKAGE PRINTING

**Equipment: what do you need if moving into RFID?**

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# Introduction



Roding,  
Germany

- 4,500 employees at 40 sites on all continents
  - 7 Technology Centers, 35 Service hubs
  - 700 engineers in R&D, 450 Trainees
  - Excellent sustainability standards
- International market leadership in the fields of
  - Parts & Systems
  - Semiconductor Related Products
  - Green Technologies
  - Document Solution Related Products
  - Government Solutions



Newport News, VA  
U.S.A.



Stara Pazova,  
Serbia



Banja Luka,  
Bosnia Herzegovina



Nitra,  
Slovakia



Wuxi,  
China



Melaka,  
Malaysia



# Introduction



## PARTS & SYSTEMS

Precision Parts for Aerospace,  
Automotive, Semiconductor,  
Surface Treatment & Engineering



3 independent Factories  
OEM Solutions

## AUTOMATION

Machines & Solutions  
for Semiconductor, RFID, Smart Card,  
Green Technologies



Industry 4.0 ready Smart Factories  
Worldwide Service

## TECURITY®

High-security Solutions  
for Government Authorities

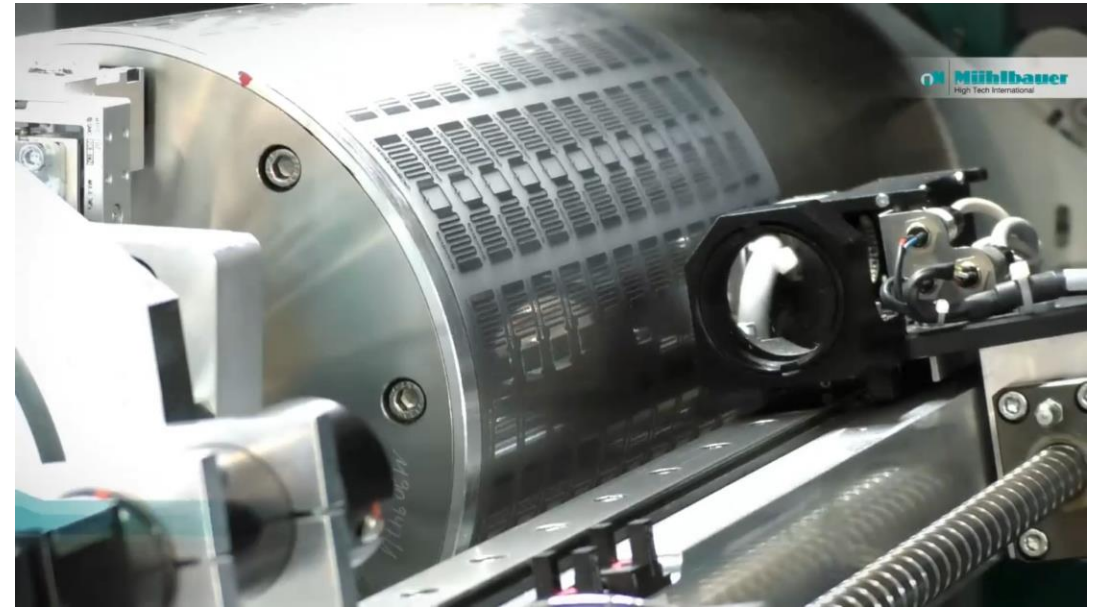
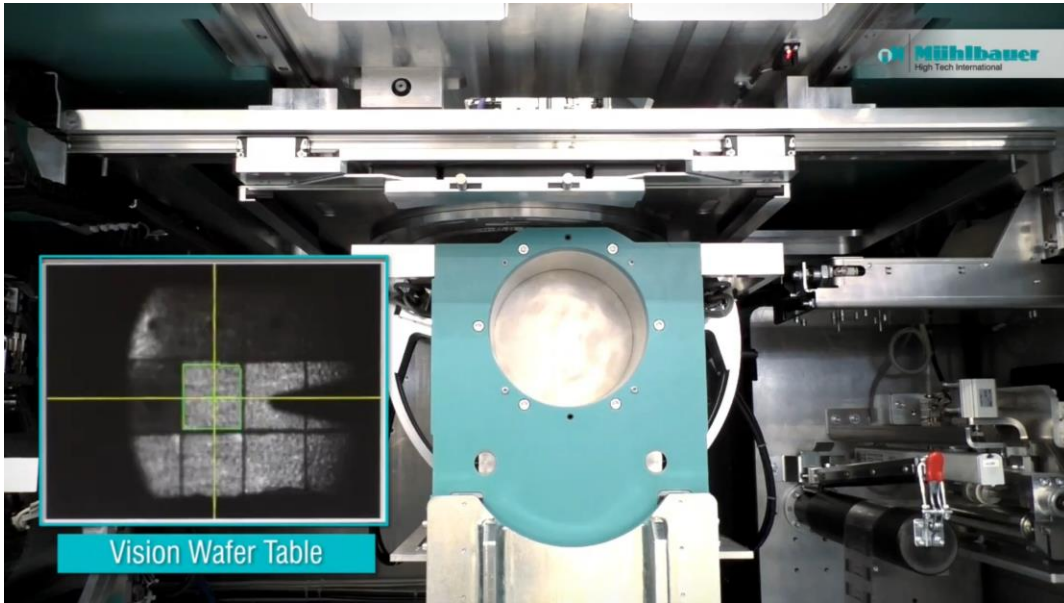


Document Production, Identification &  
verification solutions

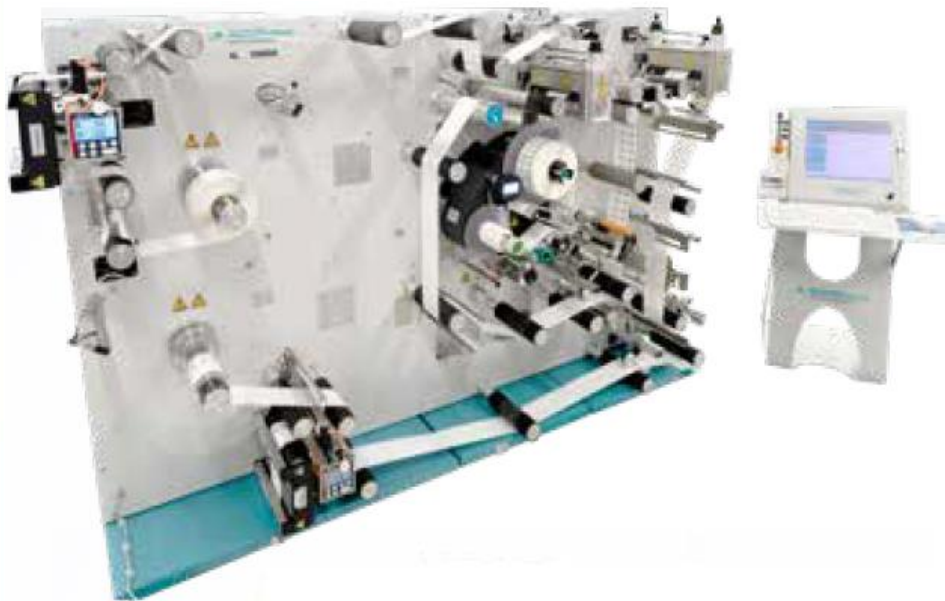




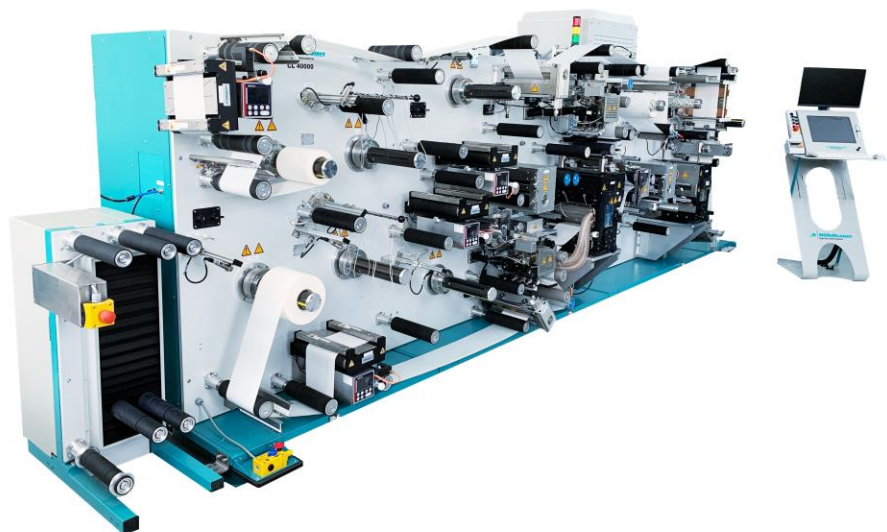
# Chip attach – what is changing?



# Inlay insertion (wet inlays)



# Converting (dry- or wet inlays)





# Personalization



# Personalization





# Equipment to get started

## **IL 30000** RFID INLAY INSERTION LINE

- Easy process solution with very small footprint
- High production speed
- Known process de-lam/re-lam
- Effortless expansion of your portfolio
- Self-adhesive HF & UHF labels
- Multilayer labels (sandwich labels)
- Can also be used as an applicator
- Low investment cost and fast return of investment
- Easy in operation
- Highest placement accuracy



## **PL LIGHT R2R** REEL-TO-REEL

- Multi-job handling in one batch
- Highly efficient personalization line
- Low investment costs
- Small footprint
- License free encoding



Thank you



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**RAIN**<sup>®</sup>  
RFID

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