

# Project sheet

## Potting of an optical sensor



### Tast description

Potting of an optical sensor ans integration into a master production line.

### Properties

- cycle time: 5 sec
- 3– shift operation (1,6 Mio. parts/y.)
- sealing mass without any bubbles
- surface have to be pasting
- mixing ratio: 100:3
- preheating as function of time and temperature
- curing as function of time and temperature

# Construction

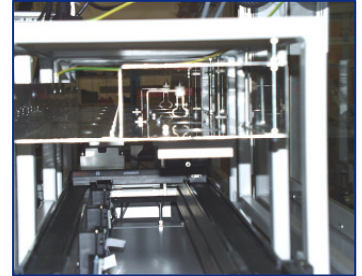
## 1. Material conditioning

- degassing of resin



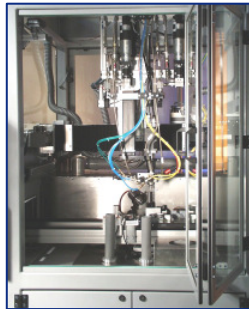
## 2. Part manipulation

- cleaning of part surface
- preheating of part not dispensed (infrared lamps)



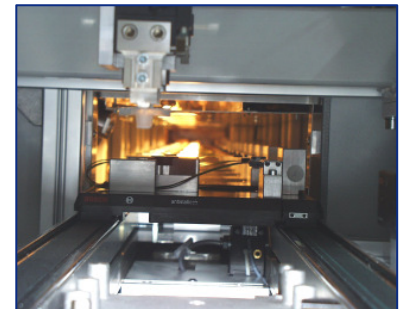
## 3. Dispensing

- dynamic mixing
- material transport with precise gear wheel pumps
- temperature control
- dispensing control
- repetitive accuracy check



## 4. Curing

- infrared light



## 5. Part manipulation

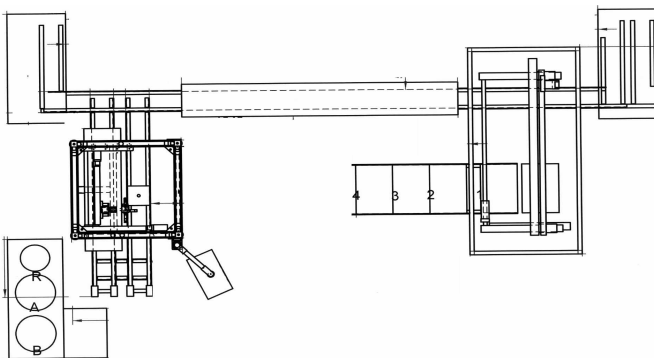
- surface cleaning
- protection cover mounting station
- pallet handling station



## Application field

- automotive

## Layout



## Contact



**BARTEC Dispensing Technology GmbH**

Ahornweg 4

D-97990 Weikersheim

phone.: +49 (0) 79 34 / 1 04 - 0

fax: +49 (0) 79 34 / 1 04 - 3 71

Email: [sales@bartec-dispensing.com](mailto:sales@bartec-dispensing.com)

[www.bartec-dispensing.com](http://www.bartec-dispensing.com)