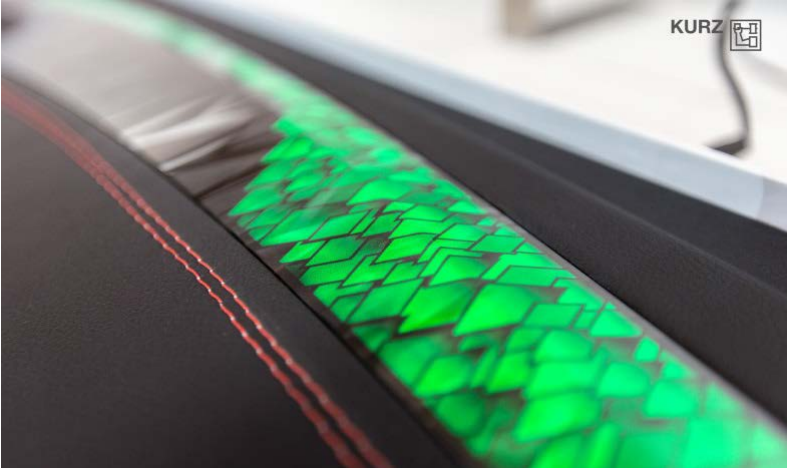
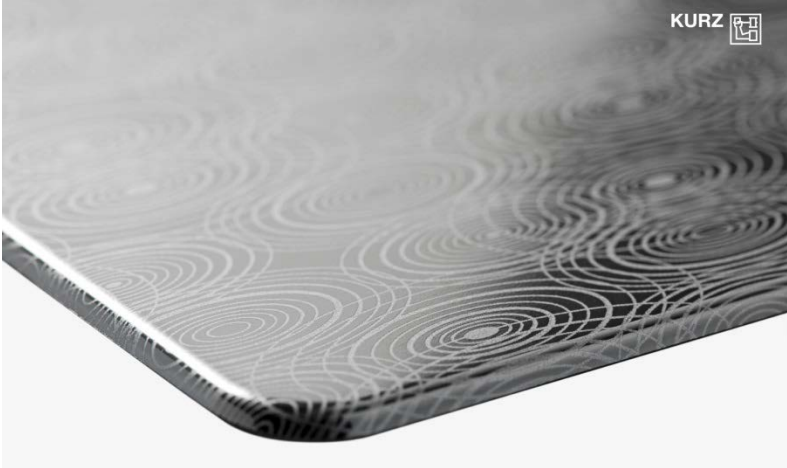


# Decorations that are twice as good

In-mold decoration with multiple cavities

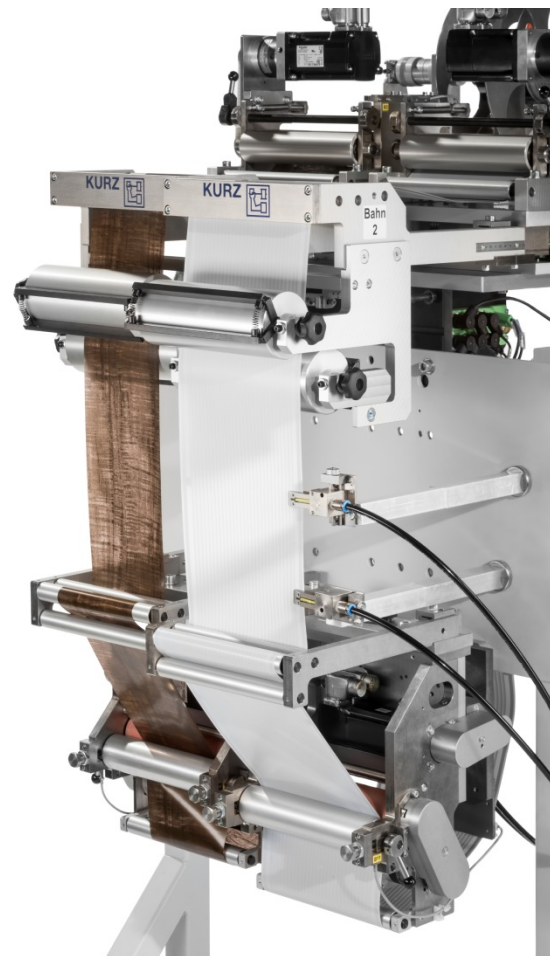
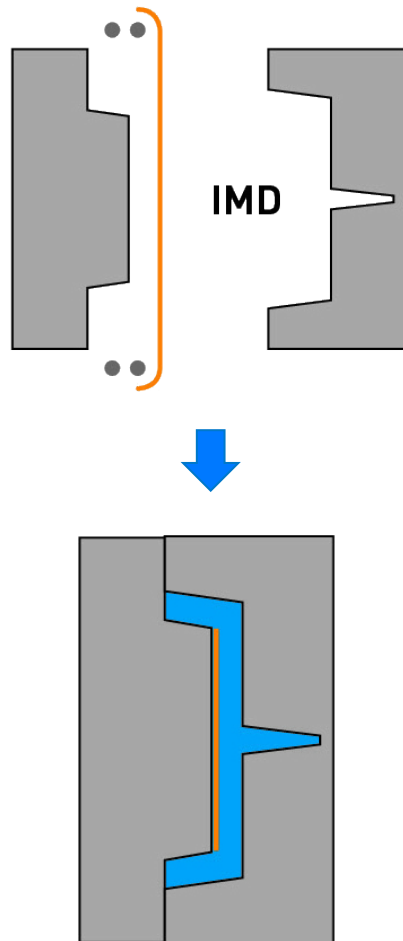
# Wide range of options thanks to film integration

Examples



Sources: top center: top right, bottom left: KURZ;

## Double the output and precise single-image positioning



### SI200 DUO film feed from KURZ

- First ever film feed for dual-cavity single-image decoration
- Independent positioning of two decorations possible
- Servomotor-controlled positioning unit
- External film winding

### Your benefits:

- Double the output
- Precise single-image positioning
- Maximum flexibility

## Control Panel Demonstrator shows the latest innovations with IMD

### Single-image "control panel" decoration

- Scratch-resistant surface
- Individualized designs possible
- Exact positioning of the print on the component thanks to SI200 DUO film feed

- Cycle time: 42,8 s
- Shot weight: 136g (double cavity)
- Mold: Dual-cavity mold with film position detection
- Material: PLEXIGLAS® zk5BR, (EVONIK)
- Decorated film: Single-image / Anti-Glare (KURZ)
- Automation: KraussMaffei



### "Anti-glare" effect thanks to IMD

- Anti-reflective, transparent surfaces
- Ideal for displays
- Scratch-resistant surface enables use in touch applications



## Diverse solutions for challenging applications

Flexible IMD automation cell

### Controlled insertion

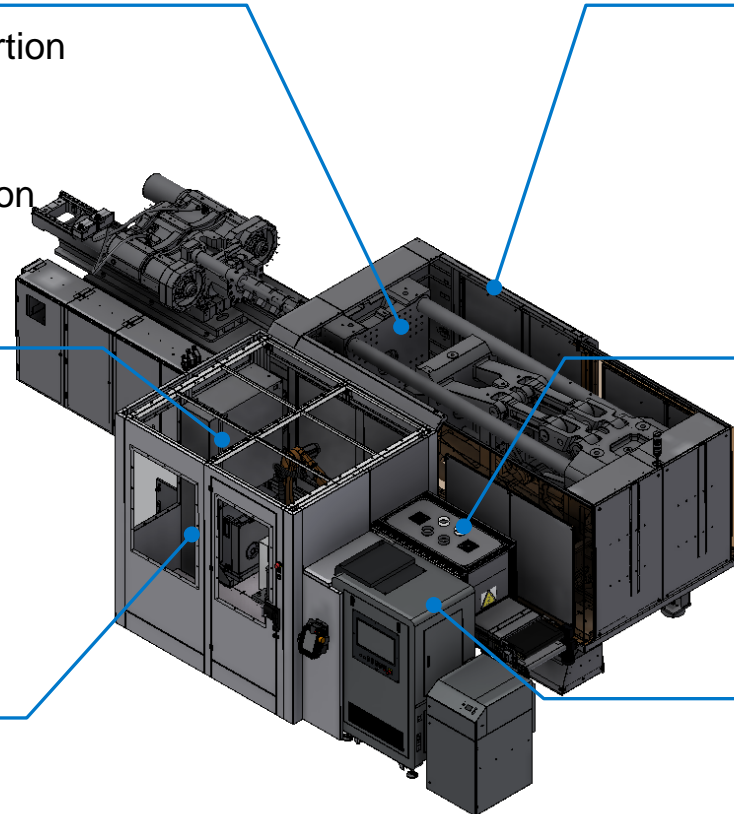
- Integrated drawer system for feeding the insertion parts
- Ability to implement complex feed processes, such as removing protective foil before insertion

### Complex component demolding

- Use of industrial robot for complex removal in the narrowest spaces
- Sophisticated gripper technology increases efficiency

### Sprue removal

- Laser sprue trimming
- Separation of trimmed material in waste bin



### Clean production

- Enclosed cell solution
- Option to add cleanroom hood

### Surface curing

- Conveyor with integrated UV lamps
- Ability to connect solutions from other manufacturers

### Flake removal

- Flake removal using laser cell
- Ability to connect solutions from other manufacturers

## Vielen Dank für Ihre Aufmerksamkeit



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