

Die spray system series 714 for Giga Casting

About us

founded in 1976

manufacturer of effective
die spray systems for foundries and forges

complete and individual solutions
for die casting and forging applications

training company in the fields metal and electrical

solar power plant with a power output of 125 kWp

systems and certifications

- quality management system ISO 9001
- environmental management system ISO 14001
- export management: Authorized Economic Operator AEO-F



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Management

Armin Linbrunner

Annual turnover

6 million Euro

Employees

40 employees

... and here you'll find us!



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Die spray system series 714 for Giga Casting

Individual spray application of the lubricant to both mold halves

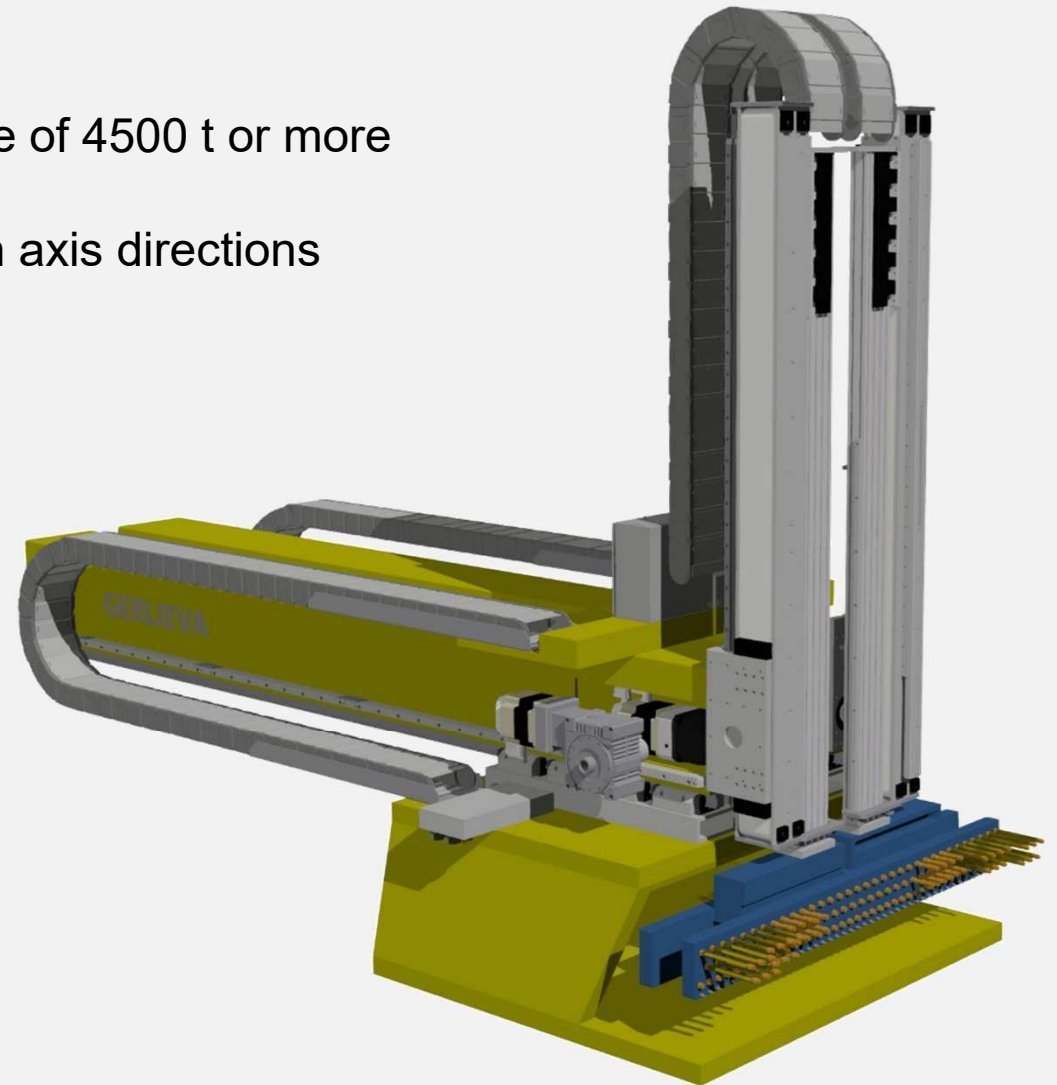
4 freely programmable axes

For die casting machines with a clamping force of 4500 t or more

Stroke lengths up to 4000 mm possible in both axis directions

Up to 10 spray and blow circuits per side

Various lubricants can be used



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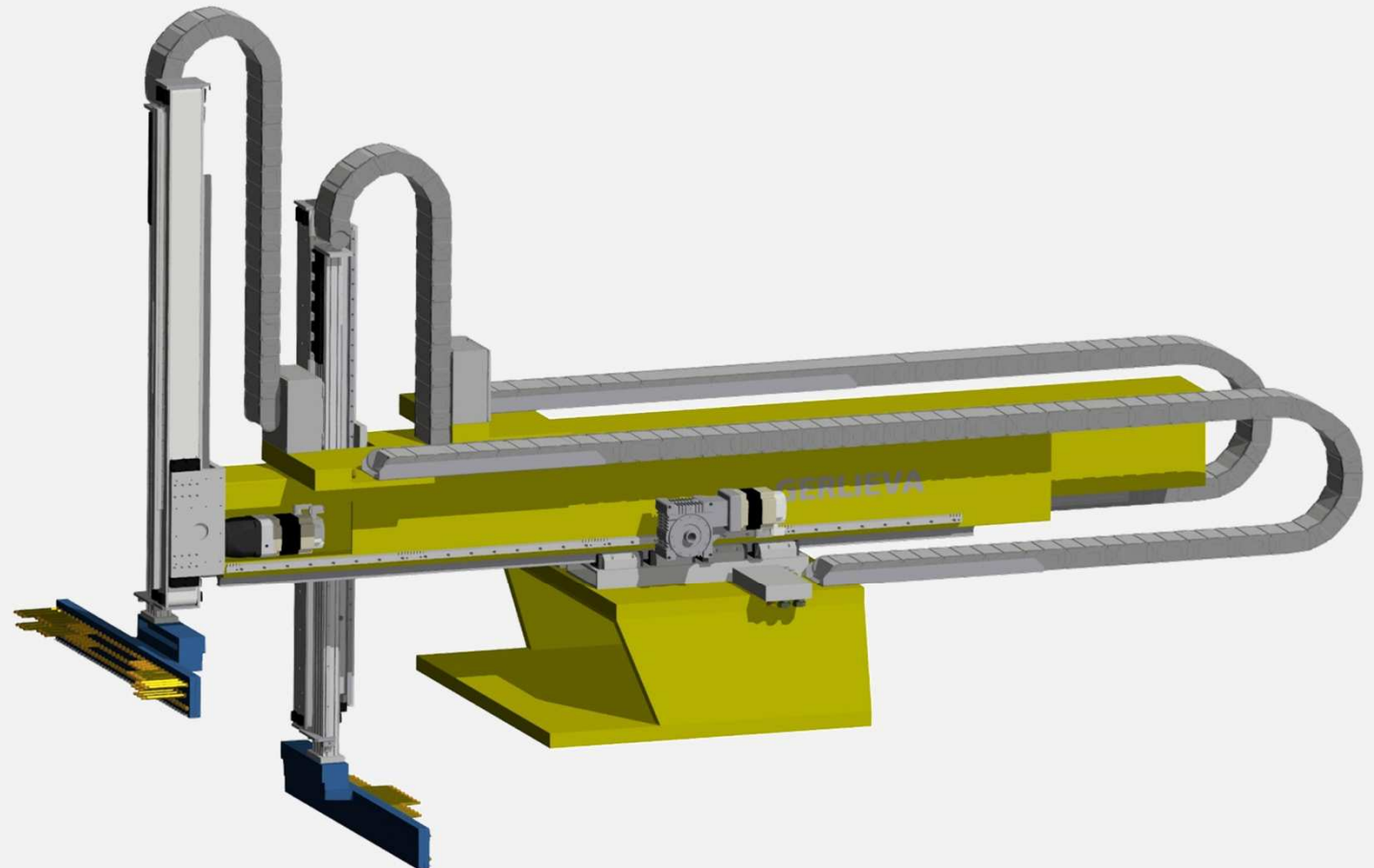
Segmented horizontal and vertical axes

50% weight of the mass to be moved

Higher speed and dynamics

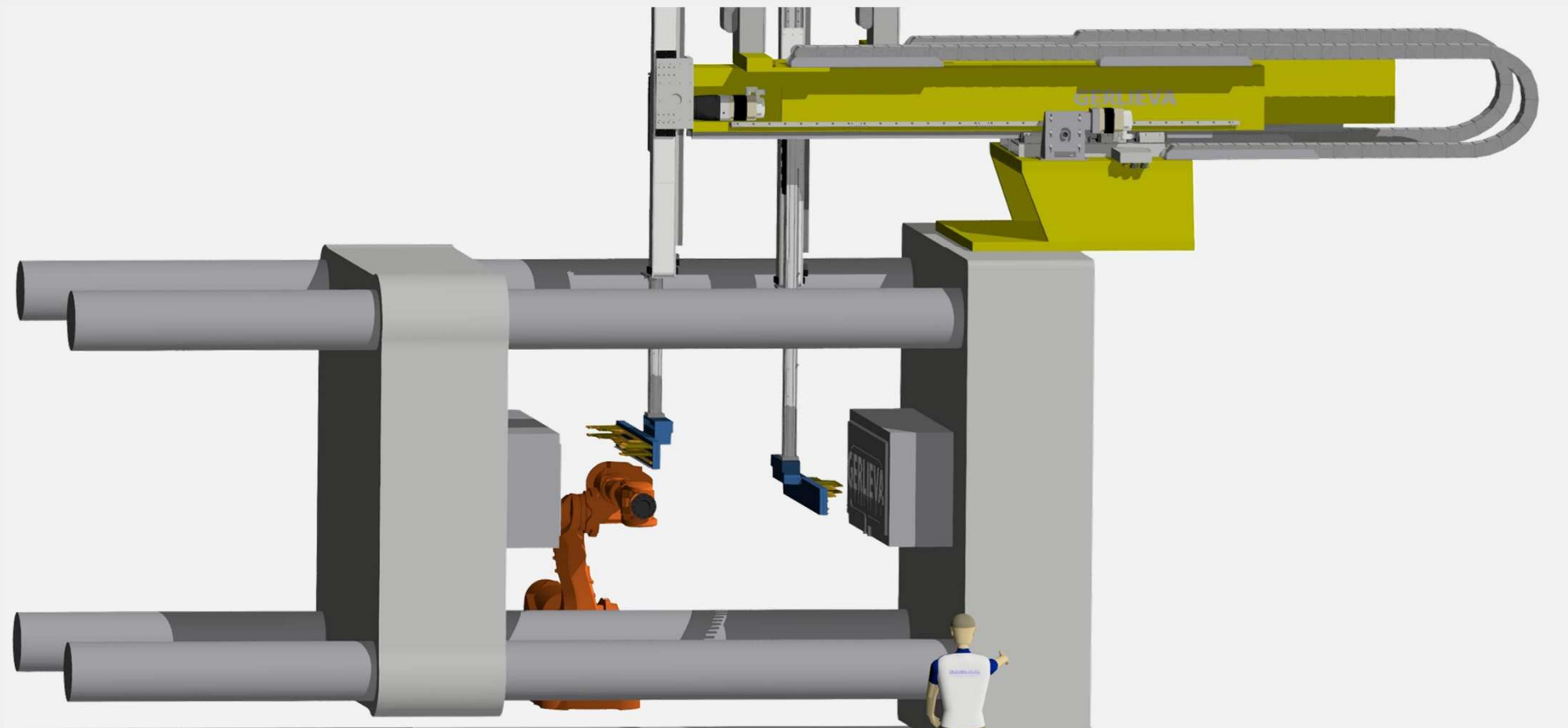
Reduced load on drives

Lower energy consumption



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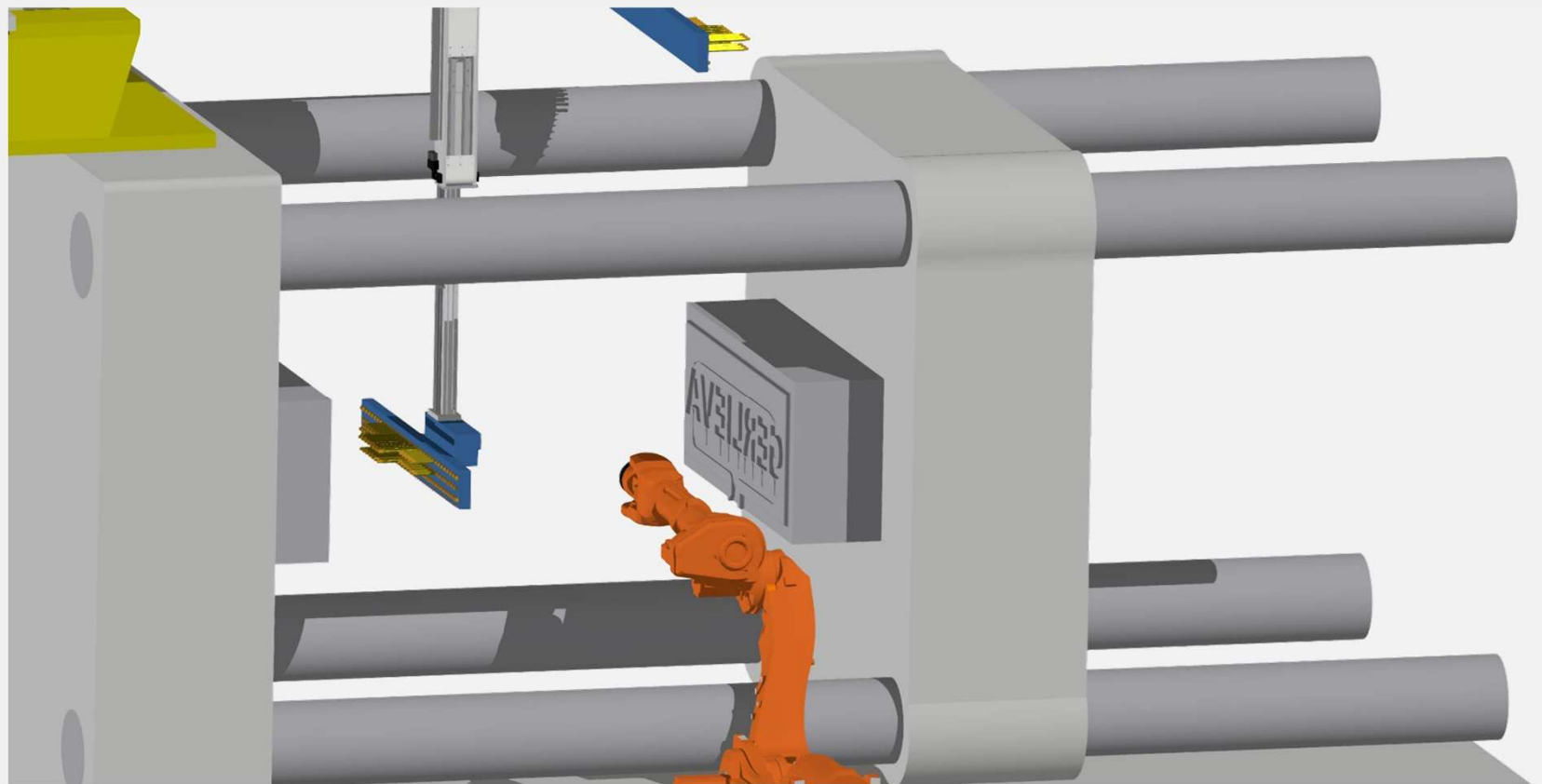
Split axes design allows individual application of lubricants to both die halves



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Spray application on the mobile side while removing the casting from the fixed side

Significant reduction in cycle time



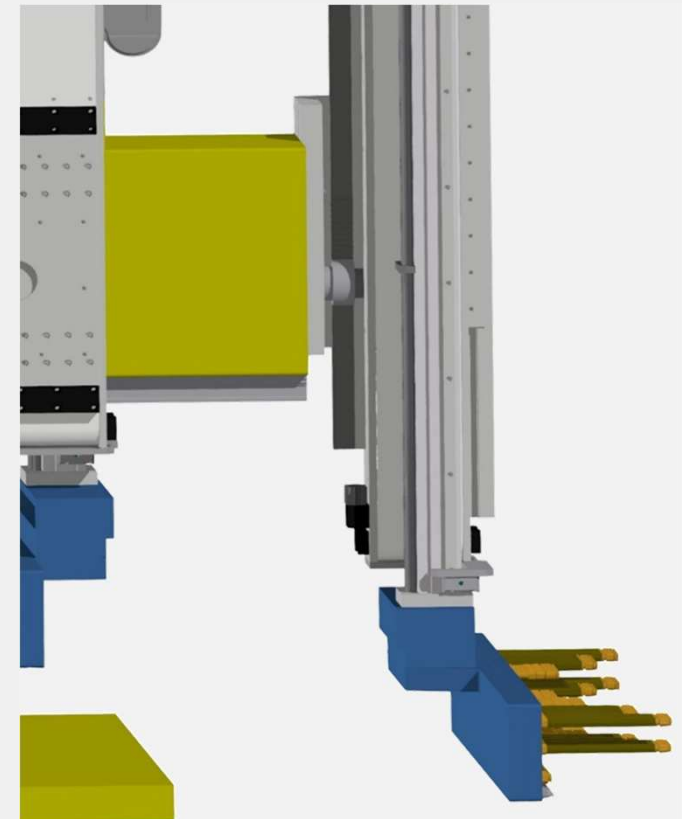
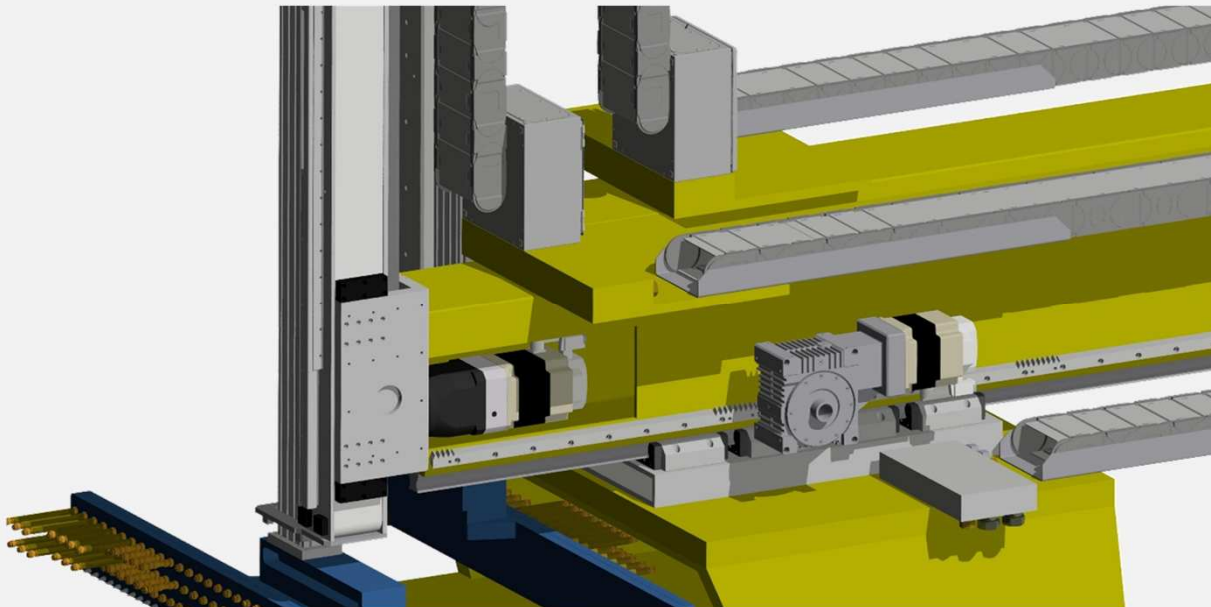
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User-friendly and robust drive concept
with high load reserves via toothed racks and maintenance-free toothed belts

Vertical axes in compact telescopic design

Use of high quality and proven components

Regenerative power supply for further reduction of
power consumption

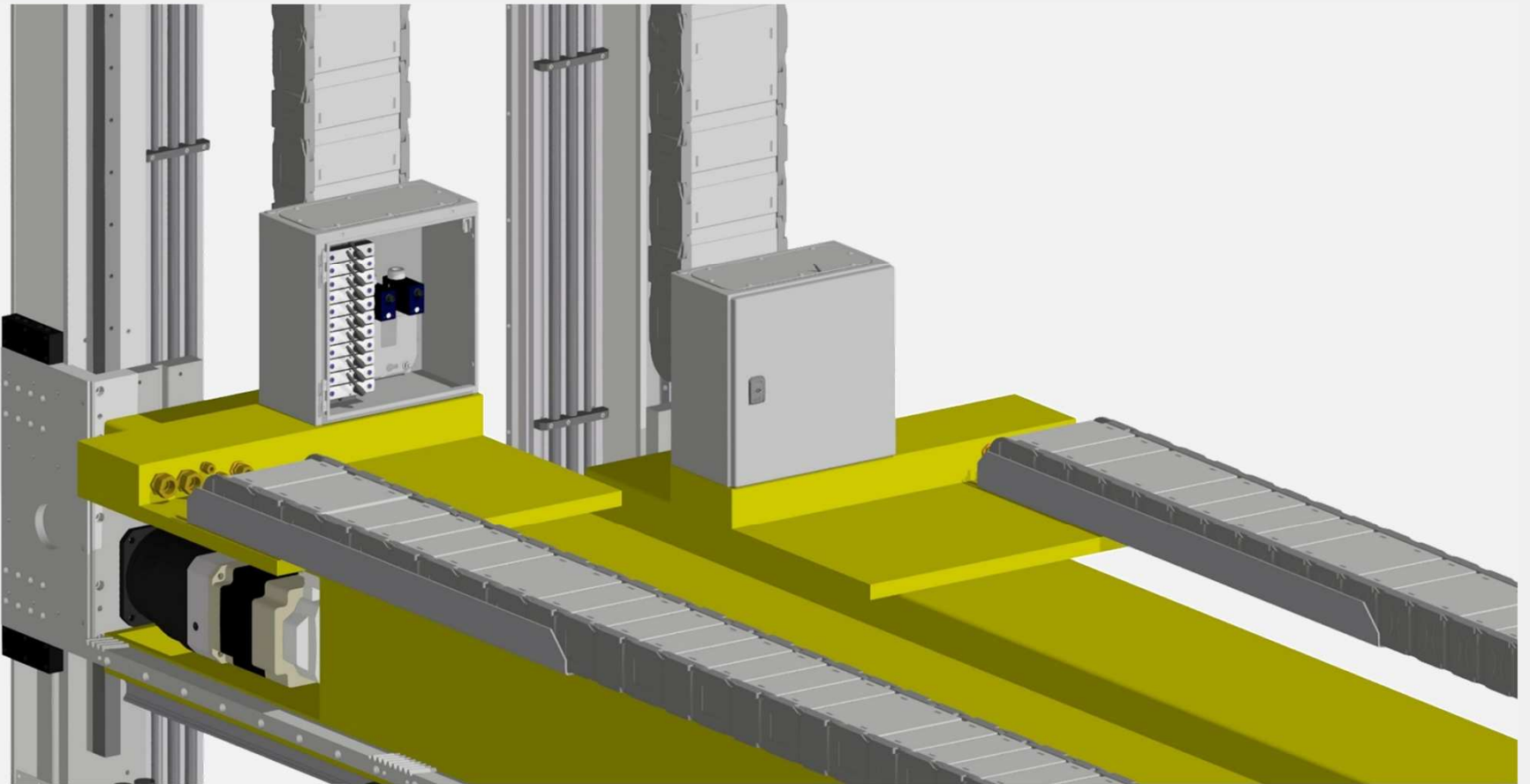


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Control valves, lubricant flow measurement, etc. are placed close to the spray tool

Therefore short and repeatable switching times of the spray functions

Precise lubricant flow measurement



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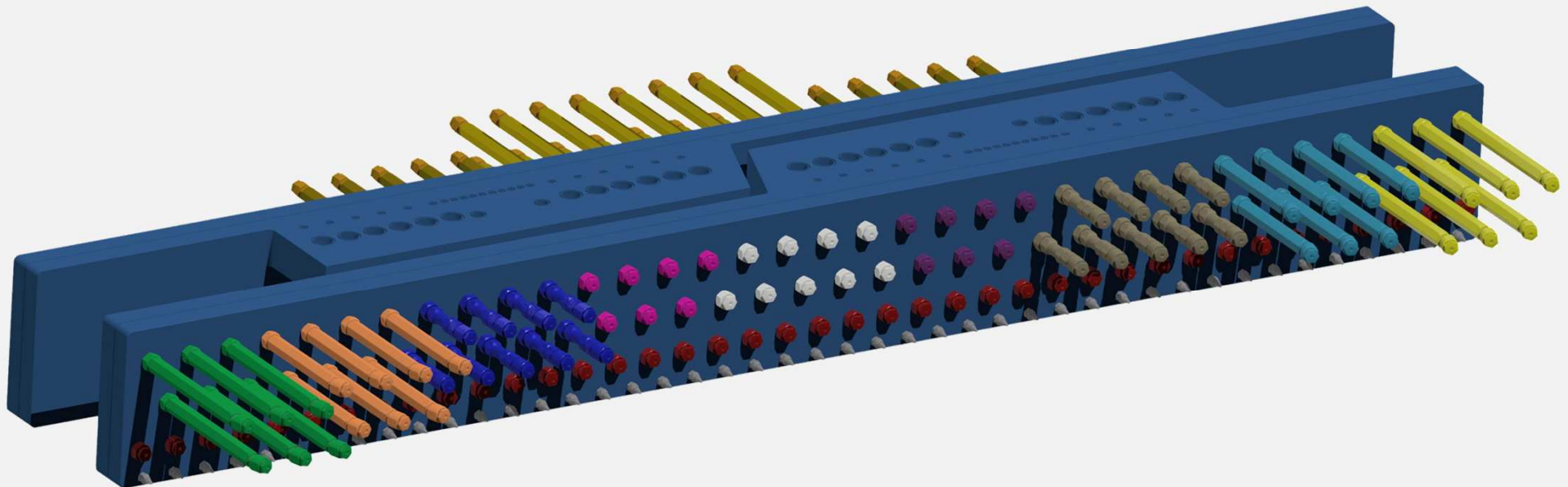
Project-specific design of the spray head and customized layout of the spray and blow circuits

Spray heads with 10 spray and blow circuits for each mold half

Each spray circuit can be fed with a different lubricant

High operational reliability as well as short and exact spraying times due to membran control

Lubricant can be sprayed while moving



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**We thank you
for your time
and look forward
to your feedback!**

