



**NAKANISHI JAEGER GmbH**  
Company Presentation  
Robot Industry

## Z-LINE

- ✓ Cylindrical housing from 33mm up to 120mm
- ✓ Power from 0,3kW up to 18kW S1
- ✓ Speed max up to 100.000rpm
- ✓ Manual tool change ER or HSK-C
- ✓ Pneumatic collet tool change
- ✓ Pneumatic taper tool change WK or HSK
- ✓ Highest precision, highest run-out
- ✓ Bearings with grease lubrication for life



## F-LINE

- ✓ Cylindrical flange housing from 78mm up to 140mm
- ✓ Power from 2,0kW up to 18kW S1
- ✓ Speed max up to 42.000rpm
- ✓ Manual tool change HSK-C
- ✓ Pneumatic taper tool change or HSK
- ✓ Options
  - ✓ Sensors, Vector control, Internal coolant supply
- ✓ Highest precision, highest run-out
- ✓ Bearings with grease lubrication for life



## BLOCK-LINE

- ✓ Block housing individual dimension
- ✓ Power from 0,3kW up to 6,0kW S1
- ✓ Speed max up to 60.000rpm
- ✓ Manual tool change collet
- ✓ Highest precision, highest run-out,
- ✓ Bearings with grease lubrication for life



## POWER LINE

- ✓ Synchronous motor for high performance in small dimension
- ✓ Different sizes
- ✓ Power from 0,6kW up to 11kW S1
- ✓ Torque from 0rpm constant
- ✓ Speed max up to 60.000rpm
- ✓ Manual collet tool change
- ✓ Pneumatic collet tool change
- ✓ Pneumatic taper change HSK
- ✓ Highest precision, highest run-out,
- ✓ Bearings with grease lubrication for life



## CHOPPER SERIES

- ✓ Low cost – High performance and accuracy spindle
- ✓ Aluminium body housing with T-Slots
- ✓ Power up to 6,5kW S1
- ✓ Speed max up to 42.000rpm
- ✓ Fan and liquid cooling
- ✓ Manual collet tool change
- ✓ Pneumatic collet tool change
- ✓ Pneumatic taper change HSK
- ✓ Highest precision, highest run-out,
- ✓ Bearings with grease lubrication for life



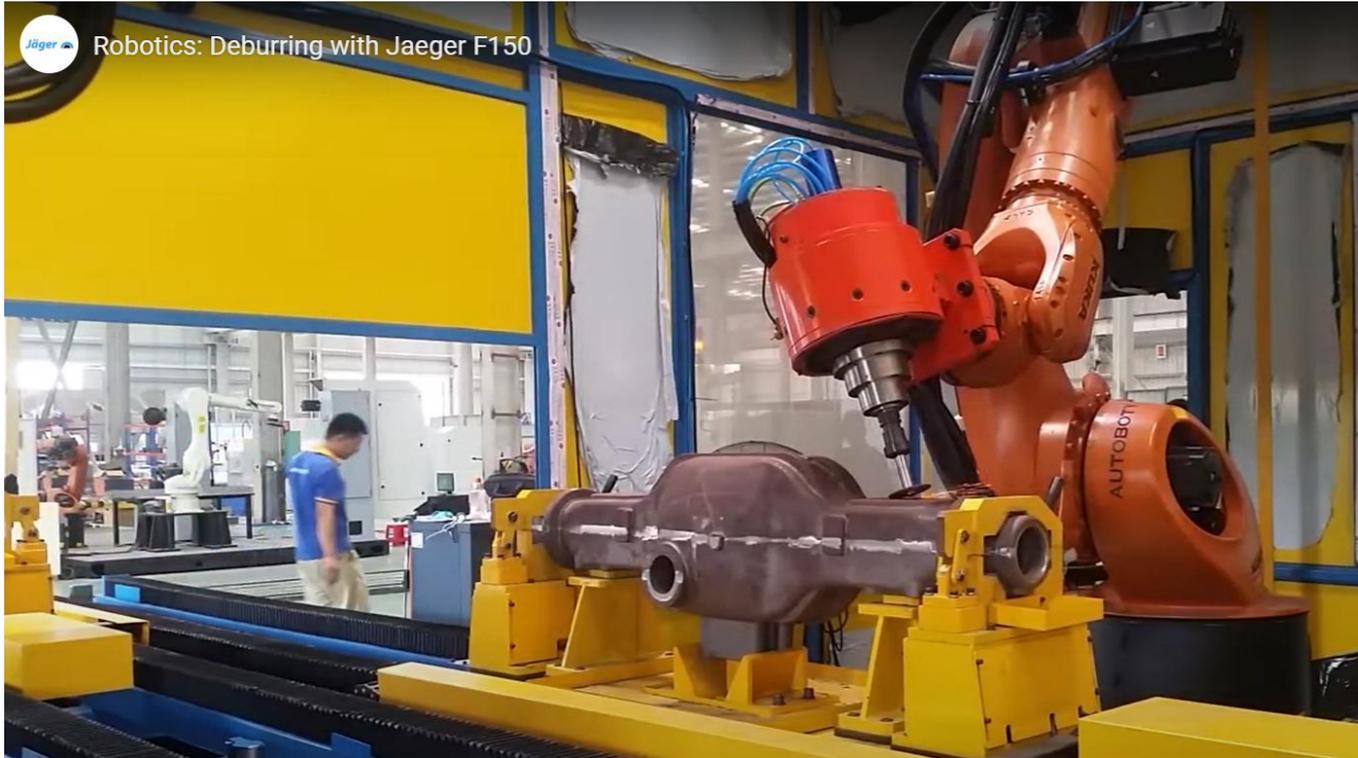
# Robotic Industry



*Robotic Routing/  
Milling in the  
Automotive  
Industry*



# Robotic Industry



*Deburring  
Milling*

**Jäger**   
High Performance Spindles

# Thank you for your attention!

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