

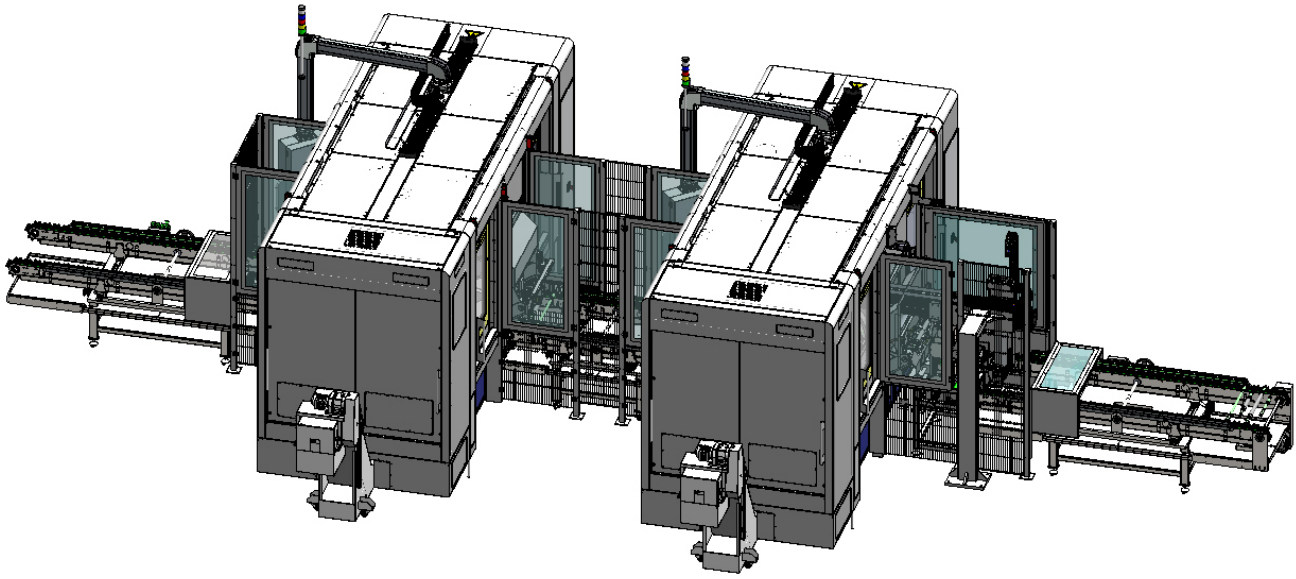


H 200: Cardan shaft

Automated turning

- › 2 interlinked machines
- › Complete turning operation
- › Cycle 22 sec.
- › Very fast workpiece change due to integrated automation
- › 4 simultaneous tool interventions in OP 20
- › Automatic, optical measuring integrated





Complete turning of Passenger car cardan shafts via 2 machines

The saw cuttings are placed on the input conveyor of the OP 10 machine, picked up by the integrated loader and placed in vices. The ends of the workpieces are over-milled, drilled and centered by four machining spindles. The handling system places the workpieces on the intermediate conveyor that links the two machines.

From the intermediate belt, the workpieces are loaded into the OP 20 machine with the integrated bearing. There they are turned between the two spindles supported by the turret with a steady rest. They are then transferred to an optical measuring station and deposited on the output conveyor.

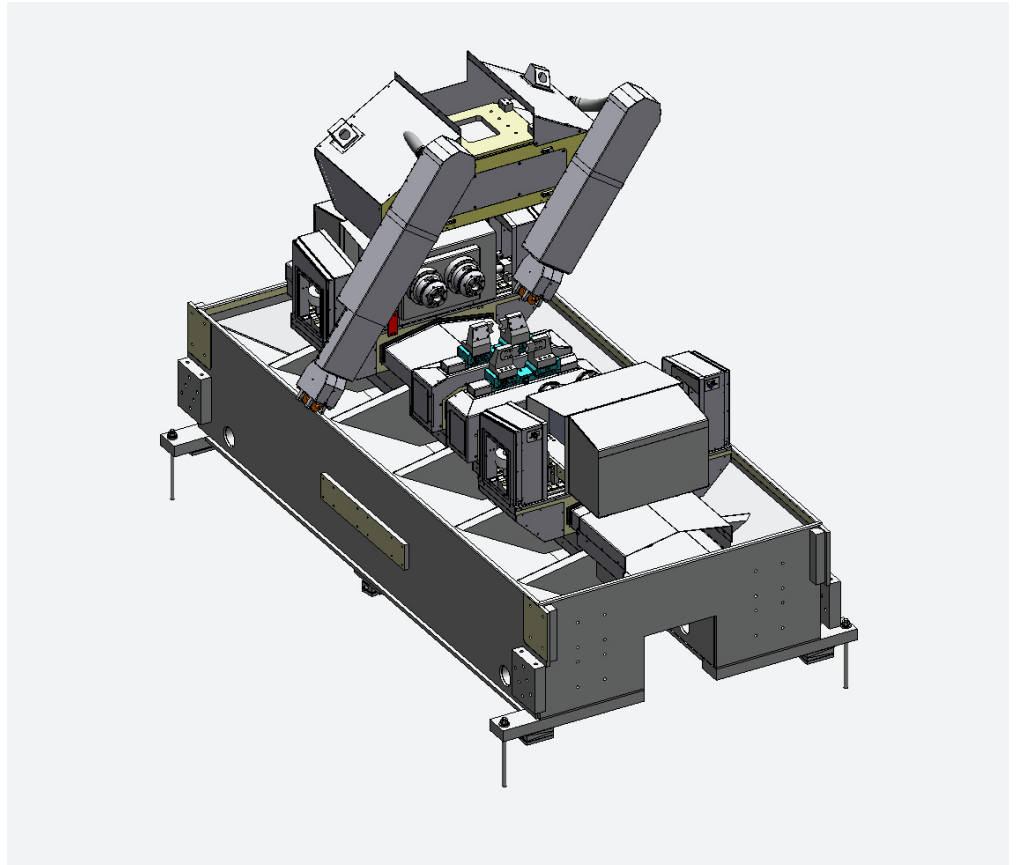
The special challenge here was the realization of the short the short cycle time of 22 seconds and the fast, 8-axis turning of the long and very thin workpieces.

Workpieces

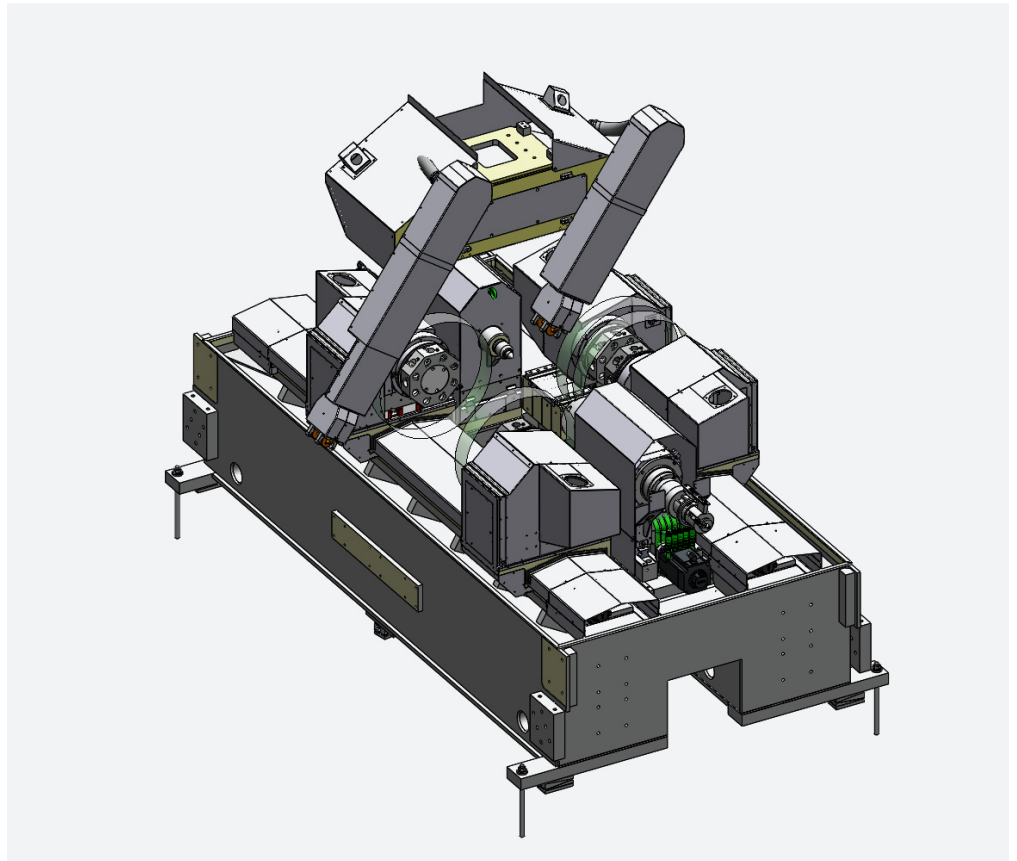
Length [mm]	max. 800
Diameter [mm]	20-34
Weight [kg]	15
Cycle [sec.]	22

Features

OP 10



OP 20



Our service. Fast and competent – worldwide.

The satisfaction of our customers has a particularly high priority for us. That is why we attach great importance to agile and competent service that supports our customers quickly and effectively.

To achieve this, we quickly bring the specialists from our production in contact with your problem. If the problem cannot be solved by telephone analysis and consultation or remote access, we quickly organize an on-site intervention by our competent staff.



Our service for Machine tools

1. fast response
2. competent service
3. digital twin
4. remote access
5. worldwide resources of DVS Group



Our service for assemblies

1. fast reaction, also at your site
2. competent service
3. subsidiaries in USA and China
4. digital spindle profile
5. smart spindle chip - SSC



We train your employees

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2. mechanical maintenance
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4. spindle repair

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