



07.05.2025

www.flowtech.cz

Flow Tech Headquarters [Zlín – Czechia]

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- Zlín is situated in Eastern Czech Republic & by road
 - 45 minutes from Brno
 - 3 Hours from Prague
 - 2.5 Hours from Vienna
 - 6.5 Hours from Berlin

Flow Tech - HISTORY



History

- 1934 The current FLOWTECH building was built for BATA shoe manufacture
- 1945-1990 ZPS, a.s.- Tool Shop – produced clamping fixtures, special Tools and Devices for main production - Machine Tools , Shoe Machines (now TAJMAC – ZPS)
- 1993 ZPS became a group of smaller companies ZPS- Nastrojarna
- 1998 Flow Tech were founded working alongside ZPS- Nastrojarna
- 2004 Merger between both companies now known as Flow Tech
- 2007 New Assembly Hall Investment
- 2013 Mr Sedlář joined as Financial Investor
- 2023 Company re-structure

Bata



TAJMAC – ZPS

FlowTech

Flow Tech - COMPANY STRUCTURE

- Mr. Marian Sedlář Financial Investor (Vocational) 87,5% shareholding
- Mr. Karel Kopp Shareholder (former MD) 12,5% shareholding
- **Mr. Martin Belza Managing Director**



Establishment:

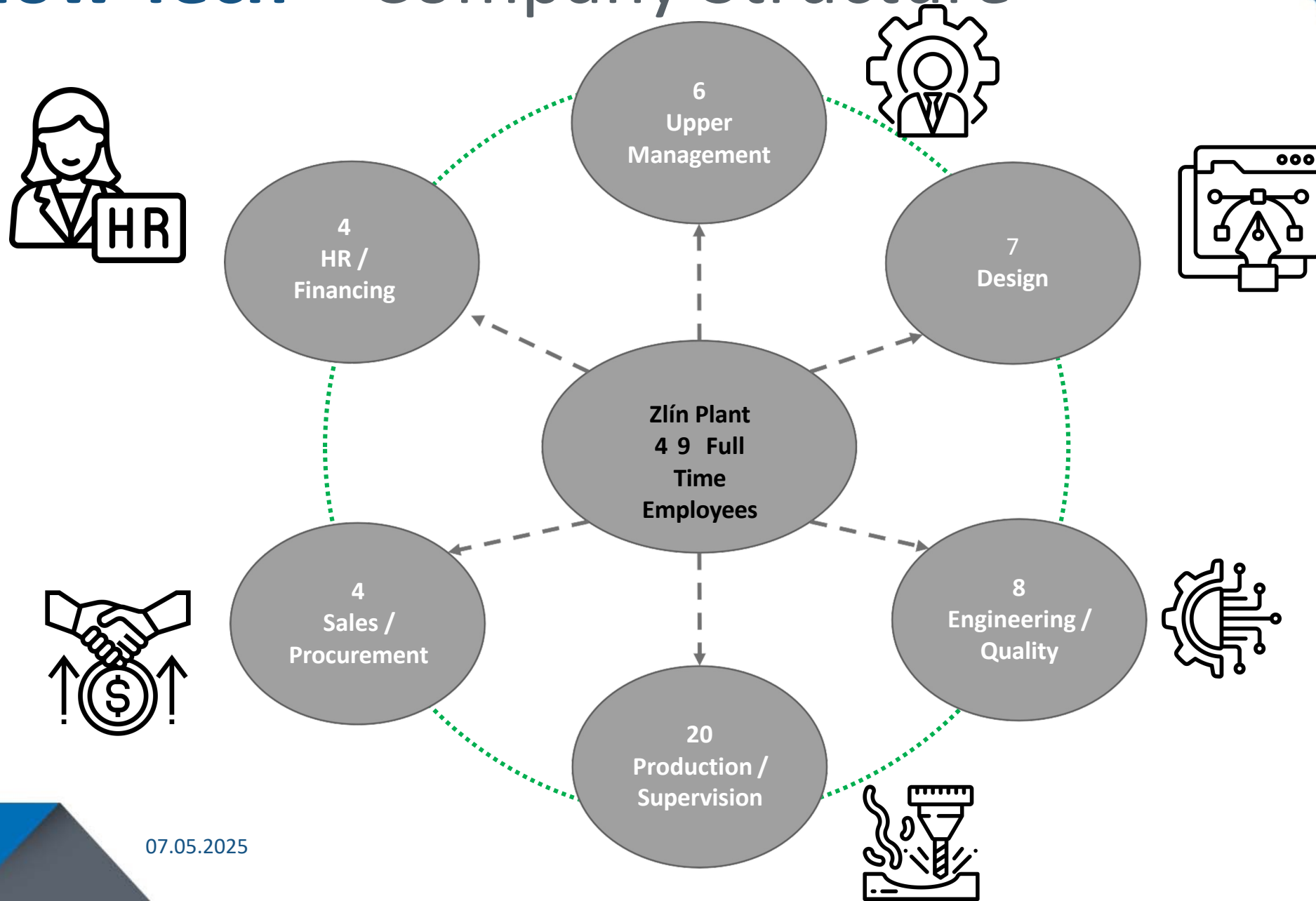
- Industrialised Zone in Zlín
- The home of Flow Tech since 1998
- Lower Floor is

Manufacturing / Assembly, Testing & Tool Room

- Upper 2 floors are Design / Office
- 49 Full Time Employees (next slide)
- 60m from main highway through Zlín
- 6km to main motorway to Prague

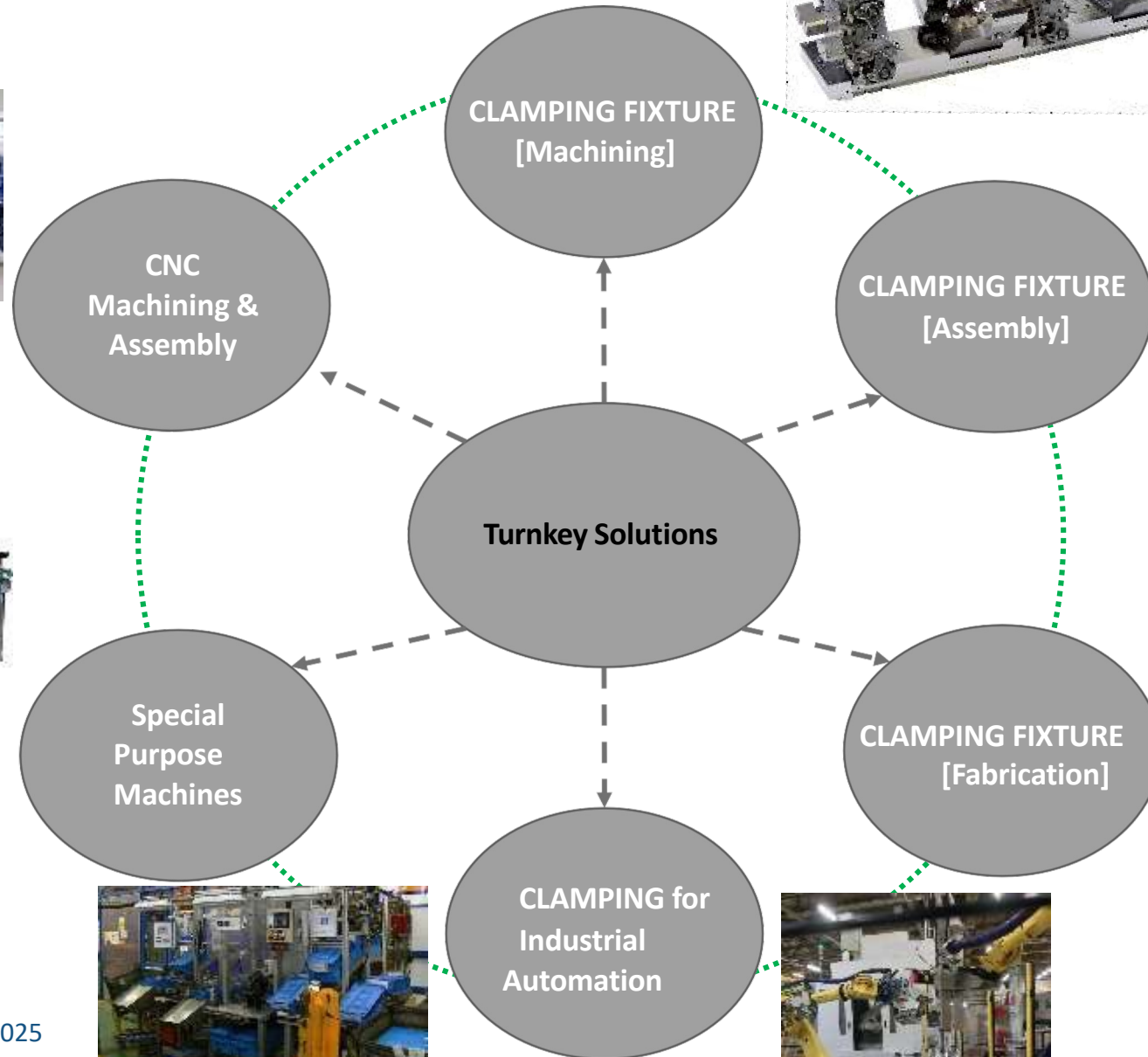
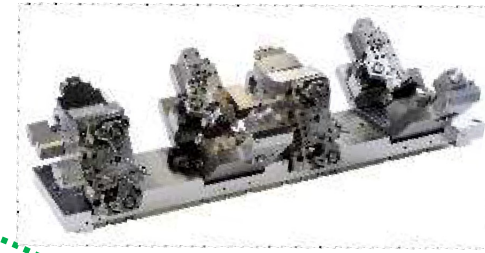
Flow Tech – Company Structure

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Flow Tech – Portfolio

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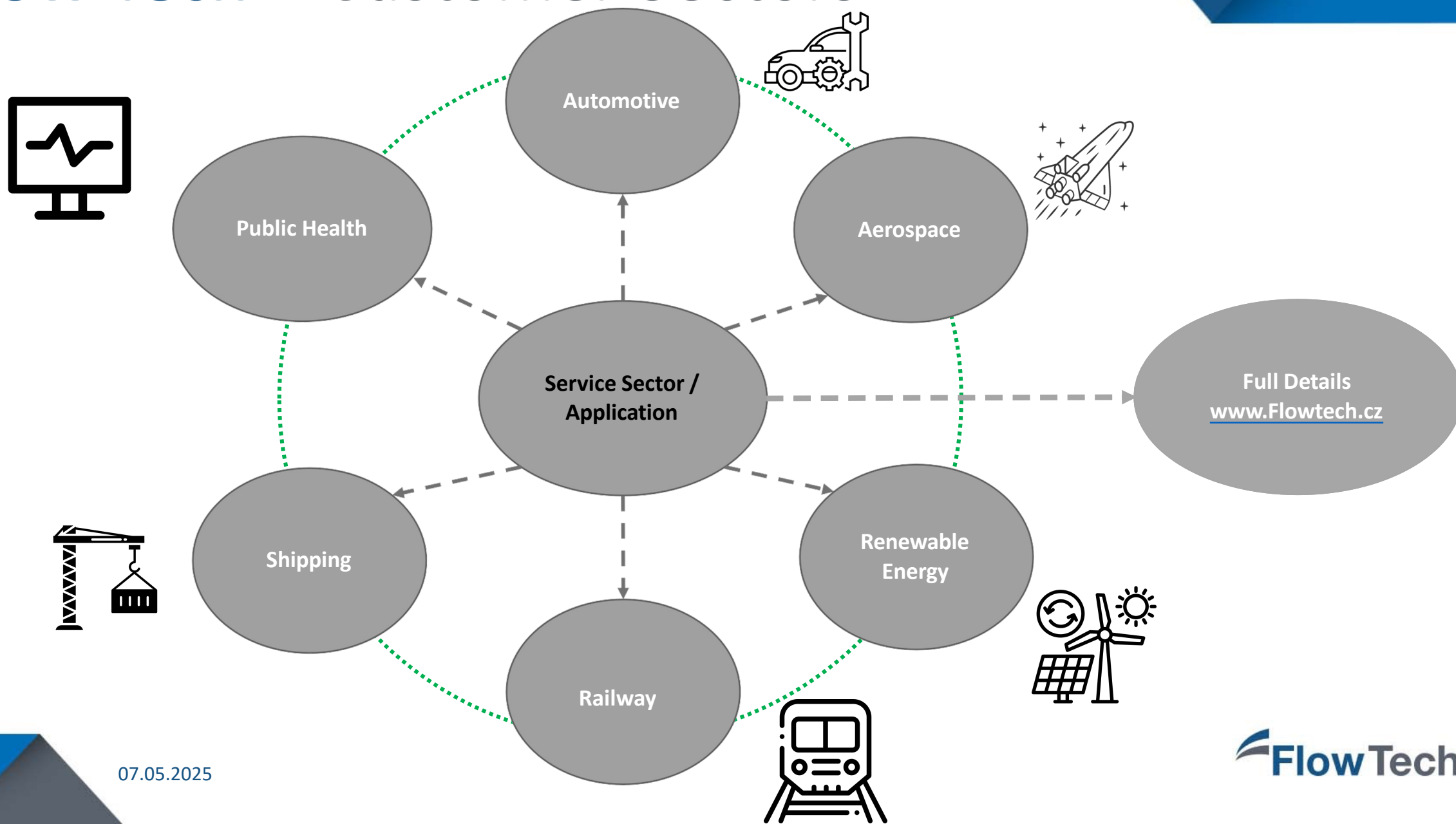
PROCESS DEVELOPMENT

7



Flow Tech – Customer Sectors

8



Flow Tech – Customer Locations

9



BUSINESS SUSPENDED

Flow Tech – Customers

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FOREIGN CUSTOMERS

- NISSAN MOTOR MANUFACTURING (UK)
- MAGNA (UK)
- J.W.FROEHLICH (UK)
- MAGNA BDW (Germany)
- ANGER MACHINING (Austria)
- NISSAN MOTOR IBERICA (Spain)
- HITACHI ASTEMO (Poland)
- SAFRAN AIRCRAFT ENGINES (France, China)
- ILJIN SLOVAKIA (Slovakia)
- DANFOSS POWER SOLUTIONS (Slovakia)
- CONSTELIUM (Germany)
- TATRAVAGONKA (Slovakia)
- THK RHYTHM AUTOMOTIVE (Germany)
- THYSSENKRUPP (Slovakia)

CZECH CUSTOMERS

- MAPAL
- TOSHULIN
- BOSCH DIESEL
- THK RHYTHM AUTOMOTIVE
- TRW AUTOMOTIVE CZECH
- ERWIN JUNKER
- OBROBNA RESL
- TAJMAC - ZPS
- FANUC
- TRIMILL
- KOVOSVIT MAS
- MEOPTA



2024 PERFORMANCE

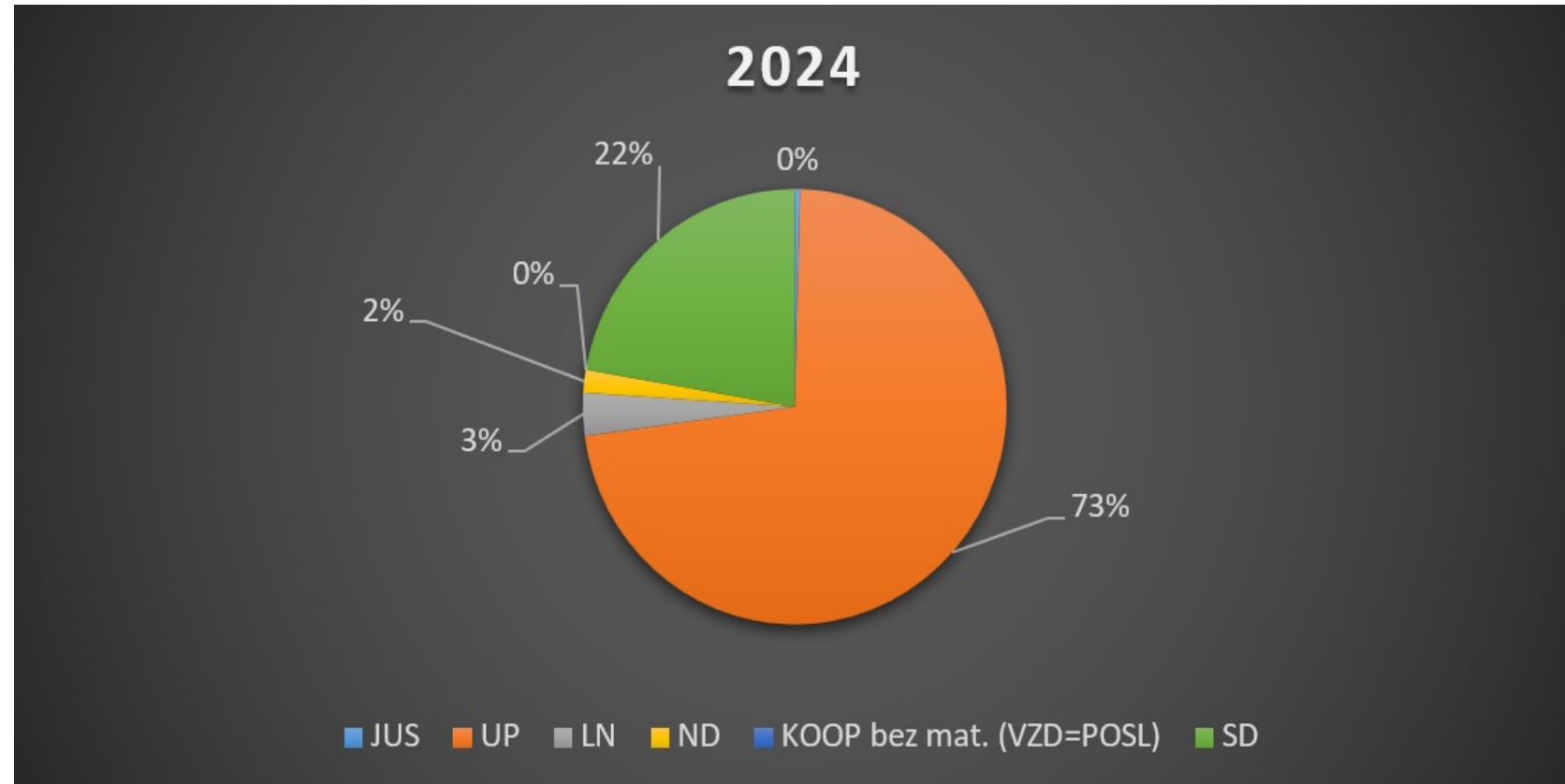
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In 2024 we delivered **61 devices.**

Total value > 100M Kč

- Clamping fixtures
- Single purpose machines
- Press tools
- Special part production





EXAMPLES OF OUR WORK

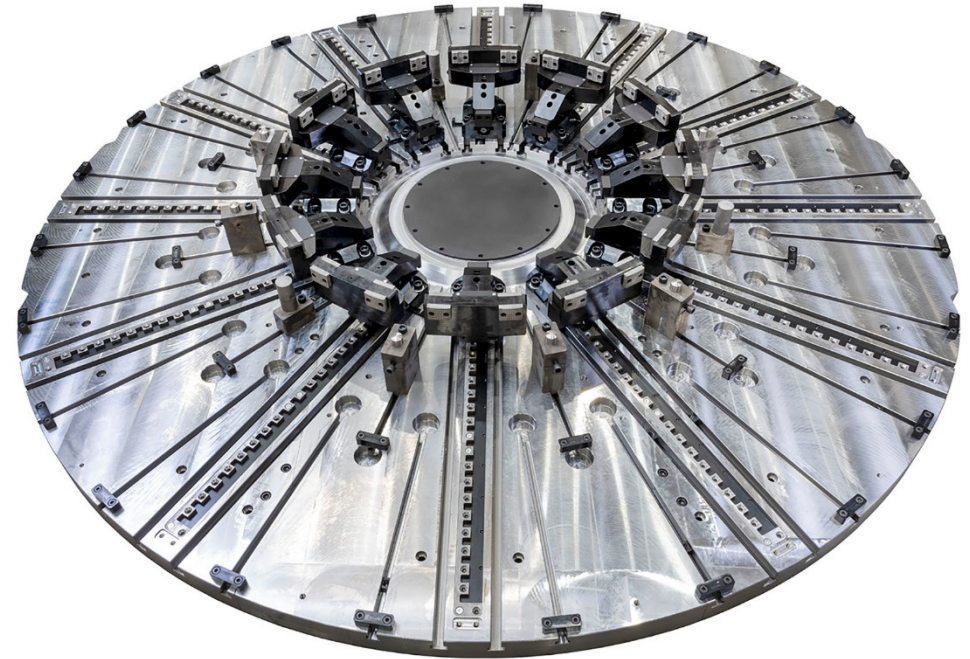
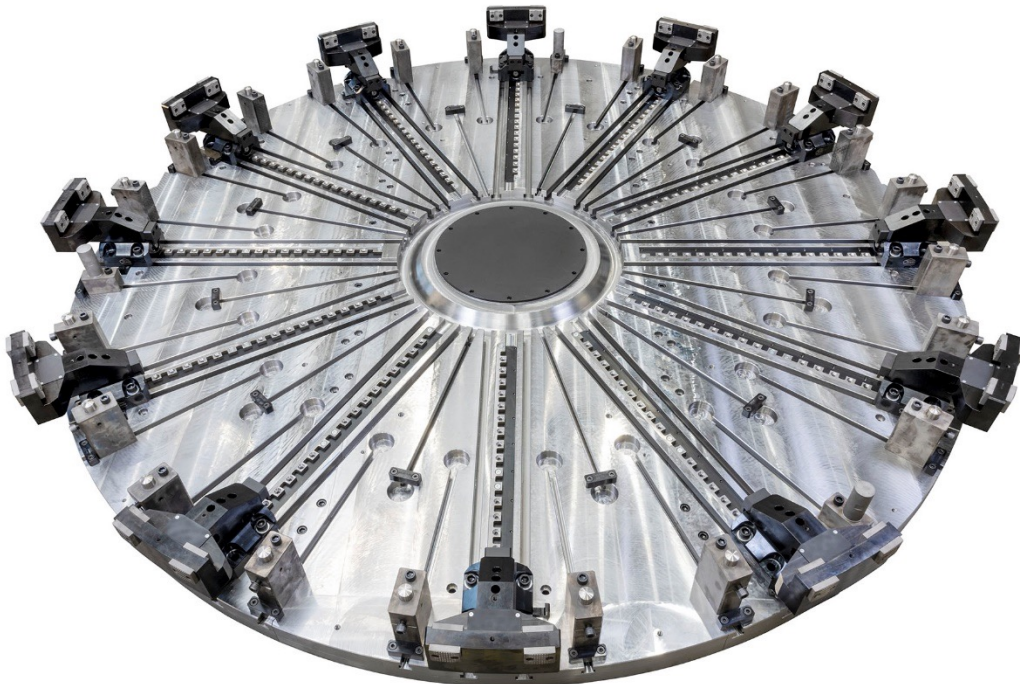
MECHANICAL CLAMPING



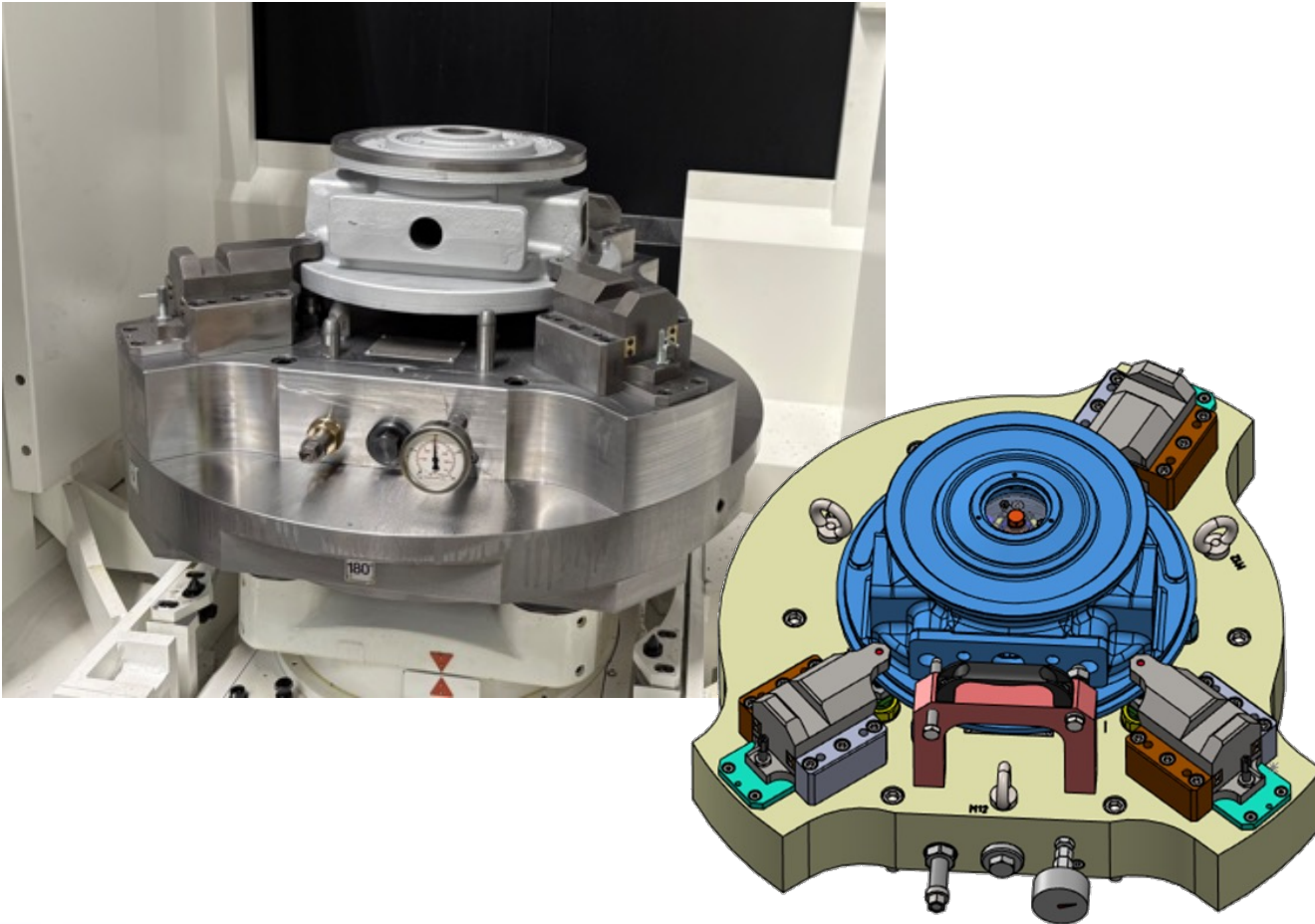
- Product: Connecting Rod (Ship Engine)
- Machine Tool: DMG 4-axis CNC

MECHANICAL CLAMPING Ø5000mm

- Product: Bearing for wind technology
- Range of clamping: Ø1600mm – Ø5100mm

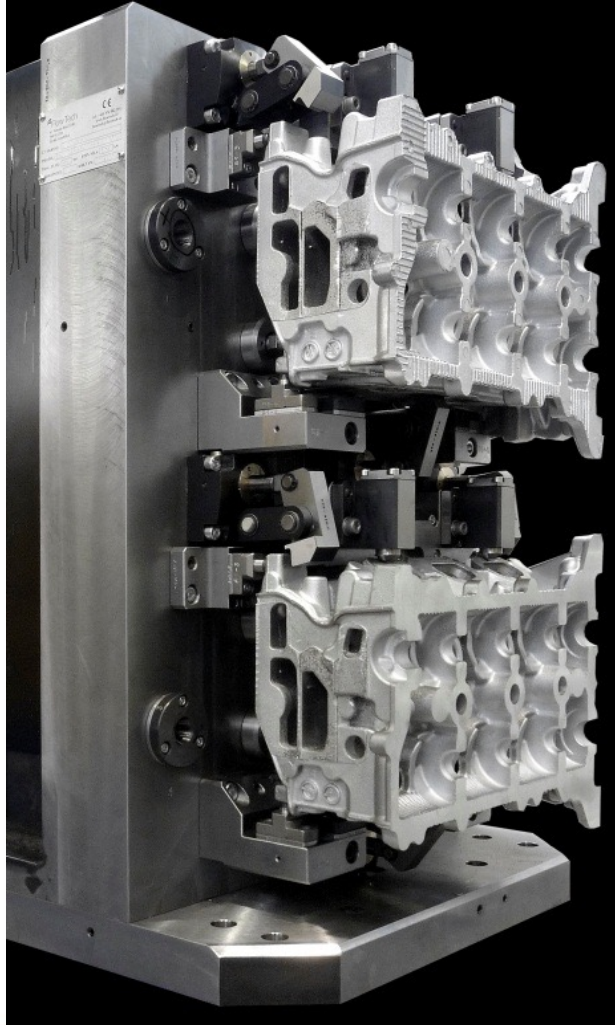


SEMI-AUTOMATIC CLAMPING

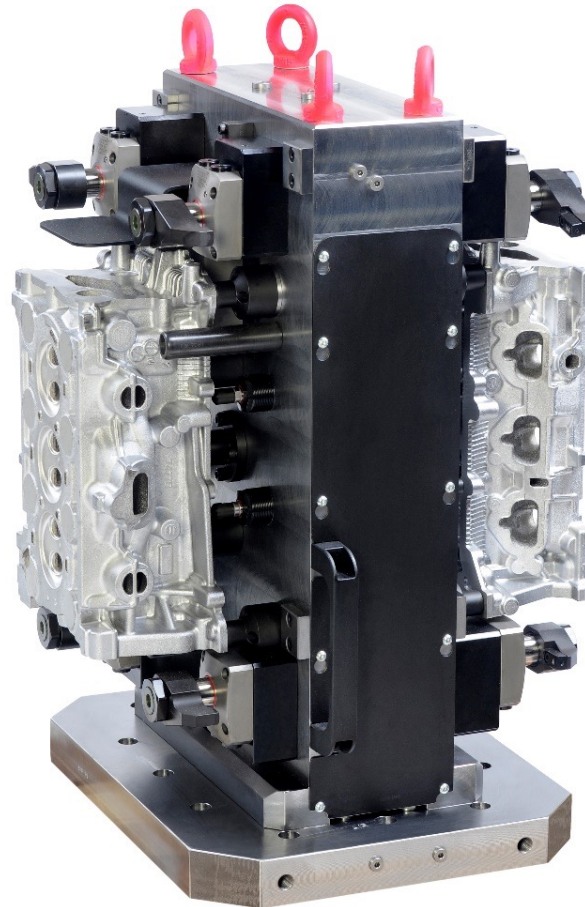


- Fixture for bearing housing.
- Mechanical symmetrical centering by single bolt.
- Clamping made by hydraulic pistons powered by hydraulic pump/bolt.
- Made with machining process and tooling by company GUHRING

HYDRAULIC CLAMPING

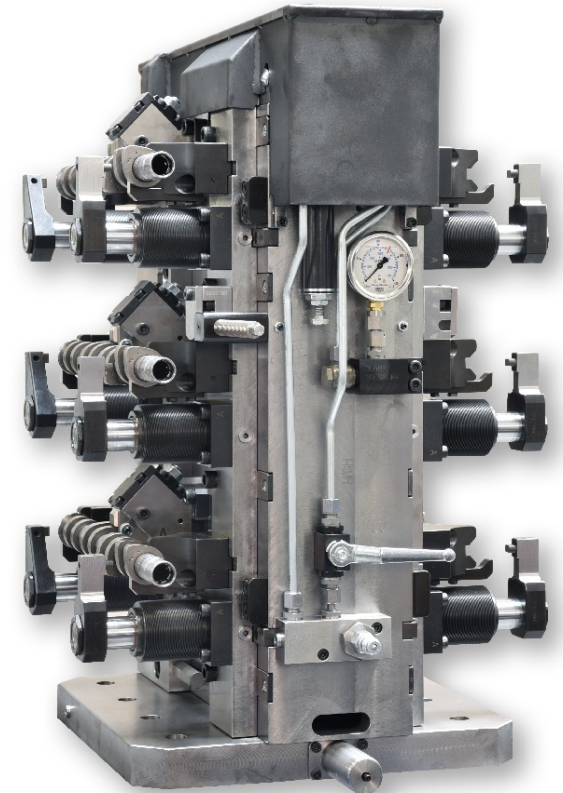
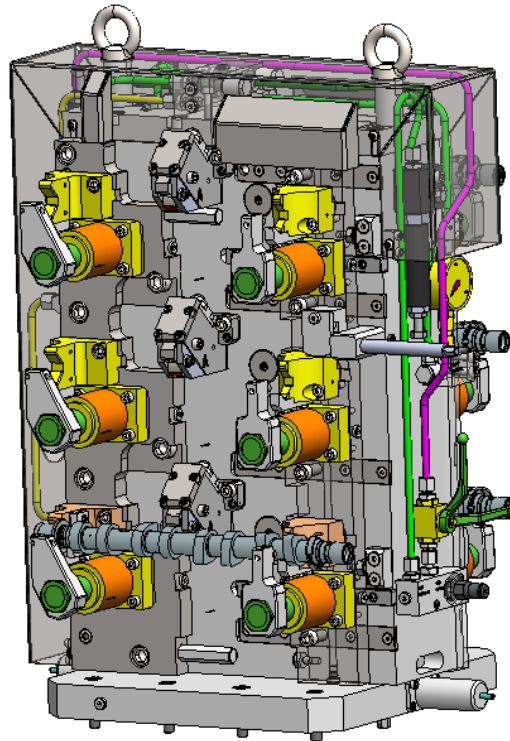
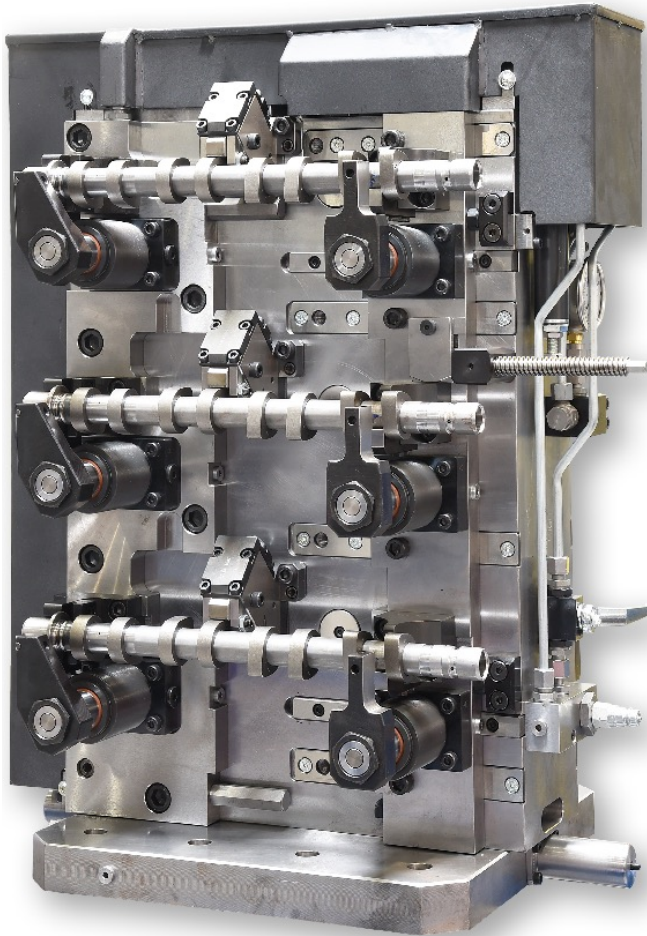


- Product: Cylinder head machining(3 & 4-Cylinder)
- Machine: Heller H2000 & Mci16 CNC



HYDRAULIC CLAMPING

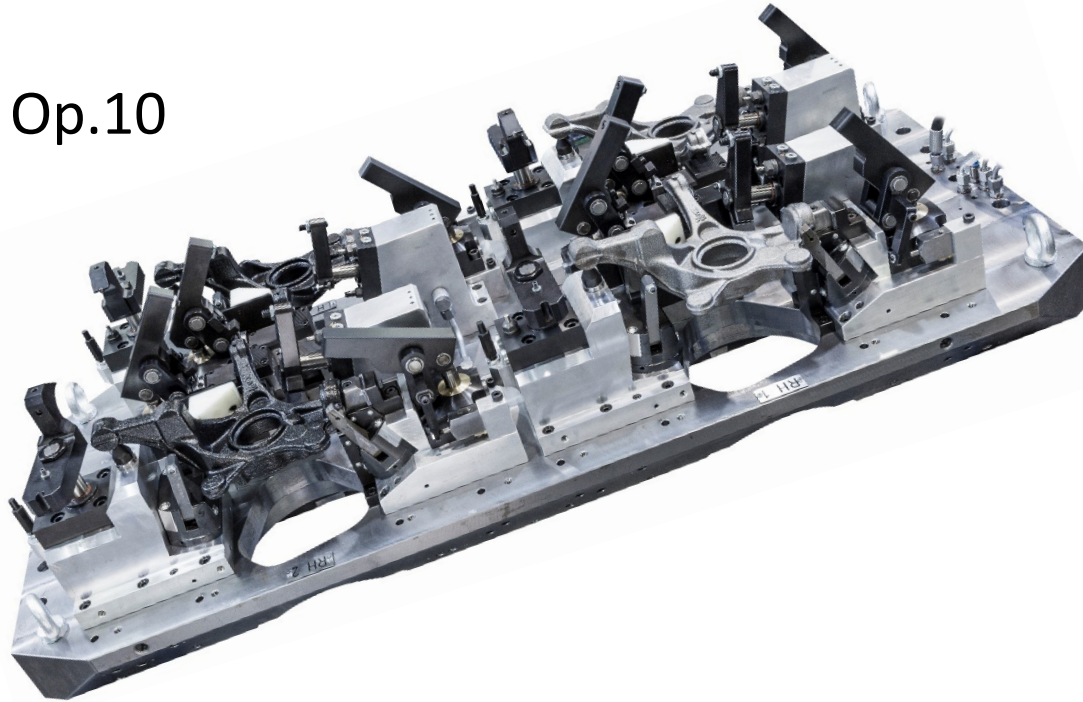
- Product: Camshaft (3 & 4- cylinder engine)
- Machine: Heller Mci16 & Makino A55 CNC



HYDRAULIC CLAMPING

- Product: Steering Knuckle (Automotive) – clamped 4 pcs
- Machine: SW 4-axis CNC & 5-axis (2 spindles) CNC

■ Op.10

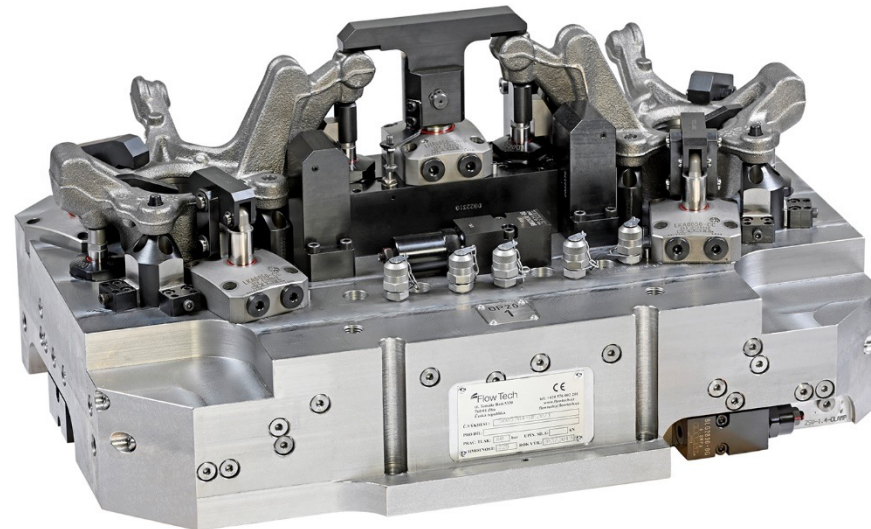
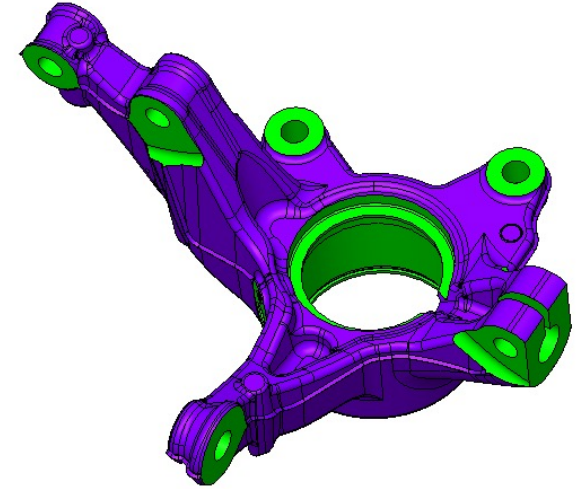
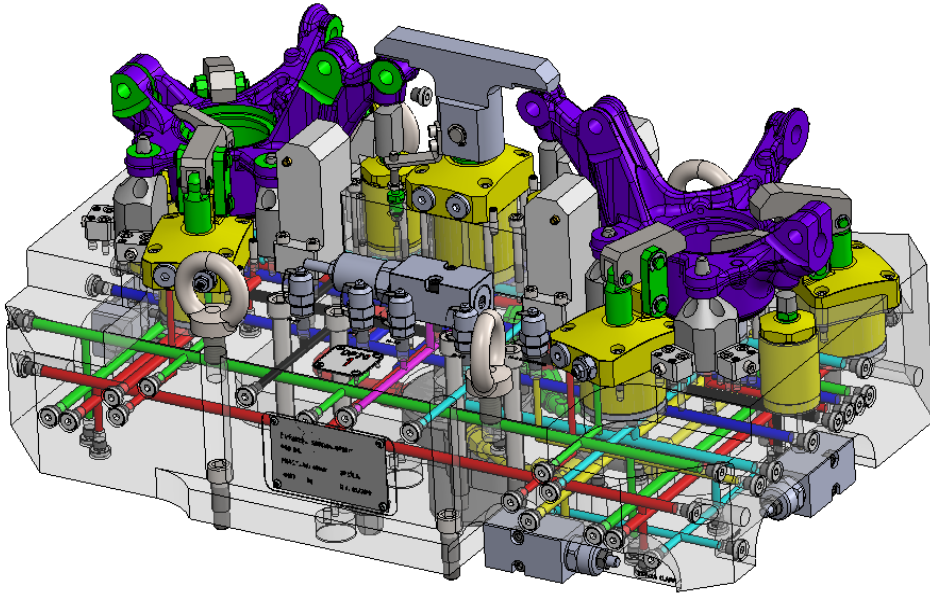


■ Op.20



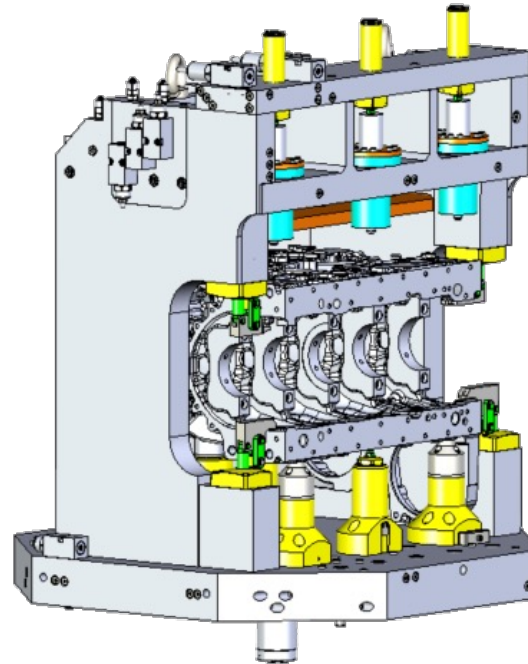
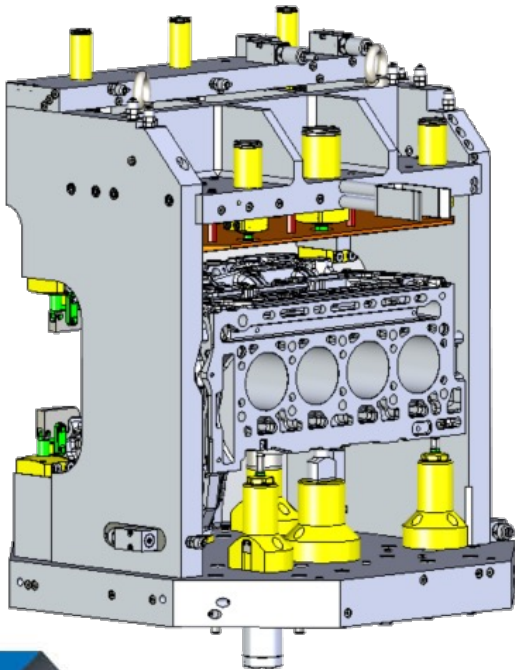
HYDRAULIC CLAMPING

- Product: Steering Knuckle (Automotive) – clamped 2 pcs
- Machine: Heller 4-axis CNC (application in line re-tool)



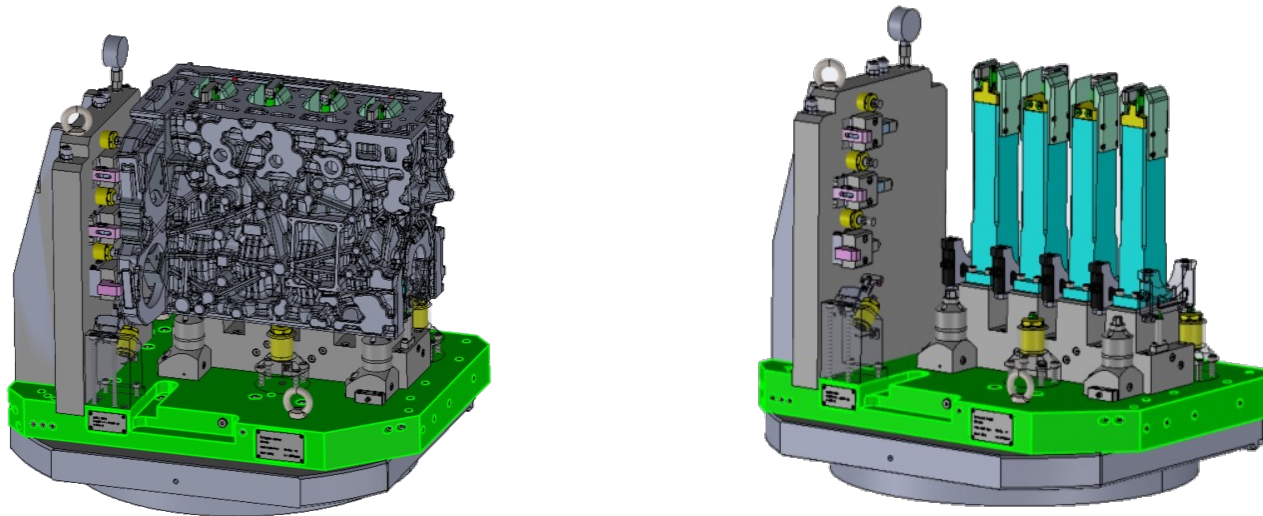
HYDRAULIC CLAMPING

- OP20
- Product: 4l cylinder block.
- Machine: HELLER H-8000



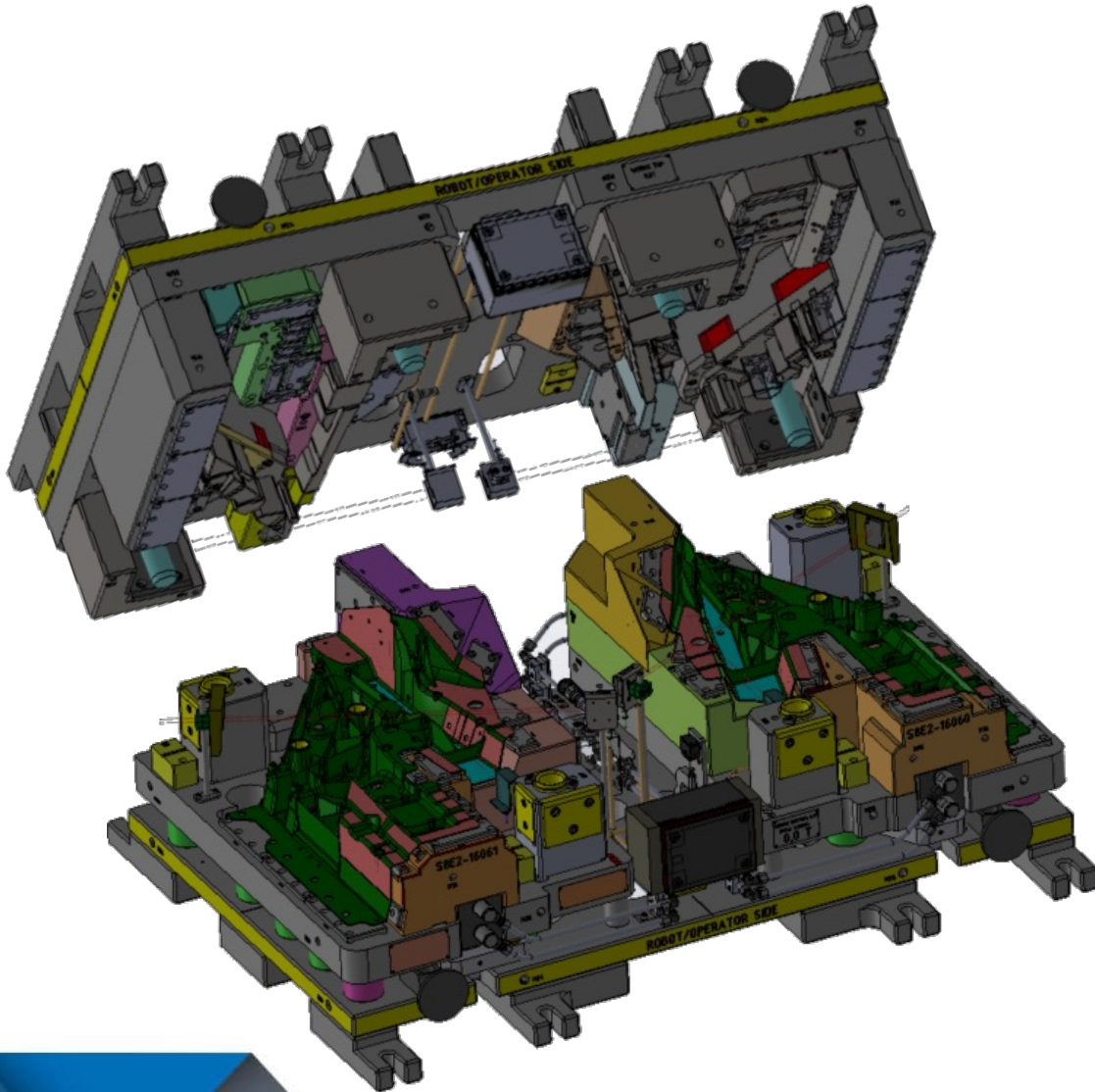
HYDRAULIC CLAMPING

- OP30
- Product: 4l cylinder block.
- Machine: HELLER H-8000



STRAIGHTENING TOOL

- Product: Front Rail
- Machine: ABK Press
- 5 tones



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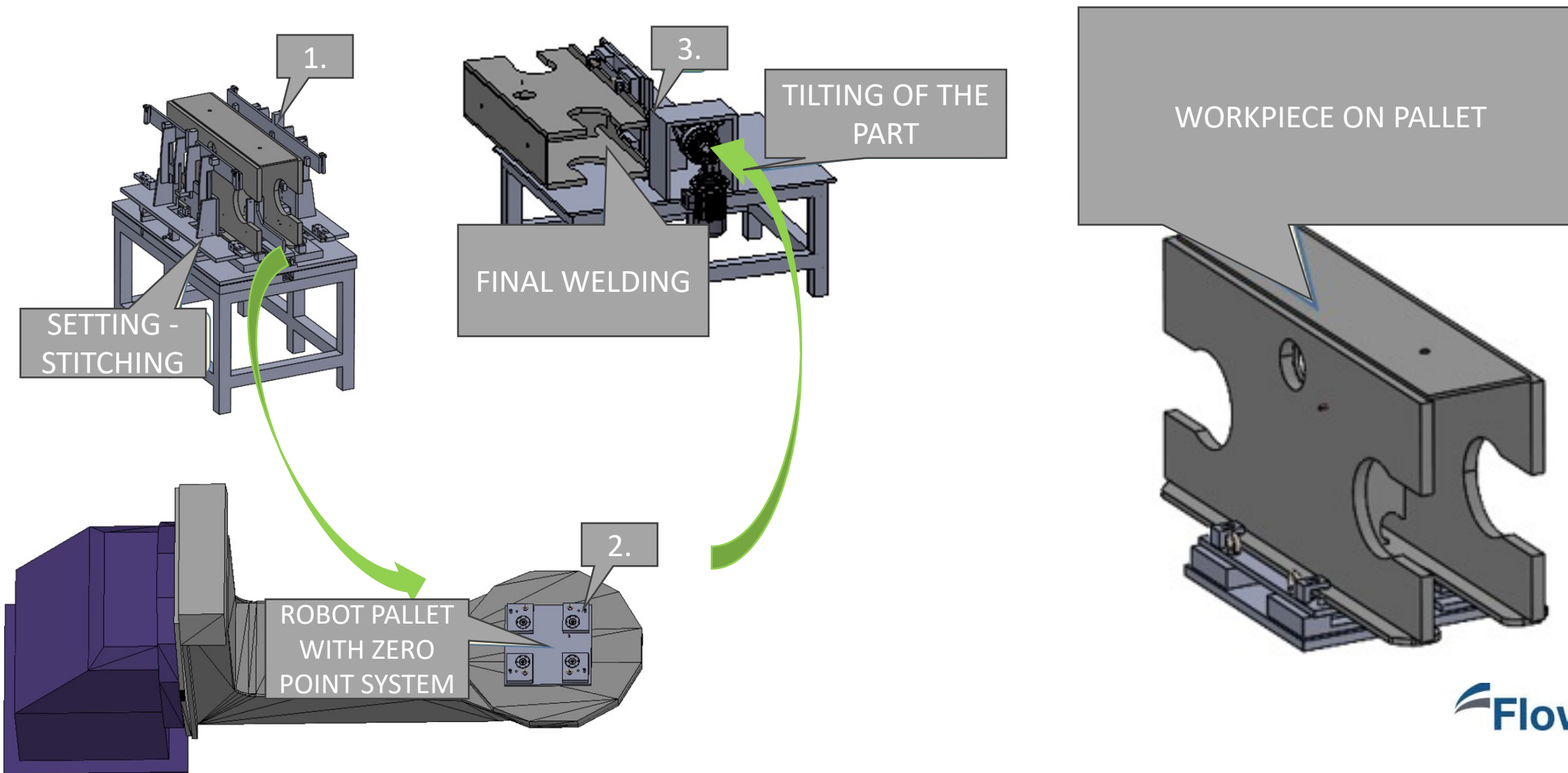
PROCESS AUTOMATION

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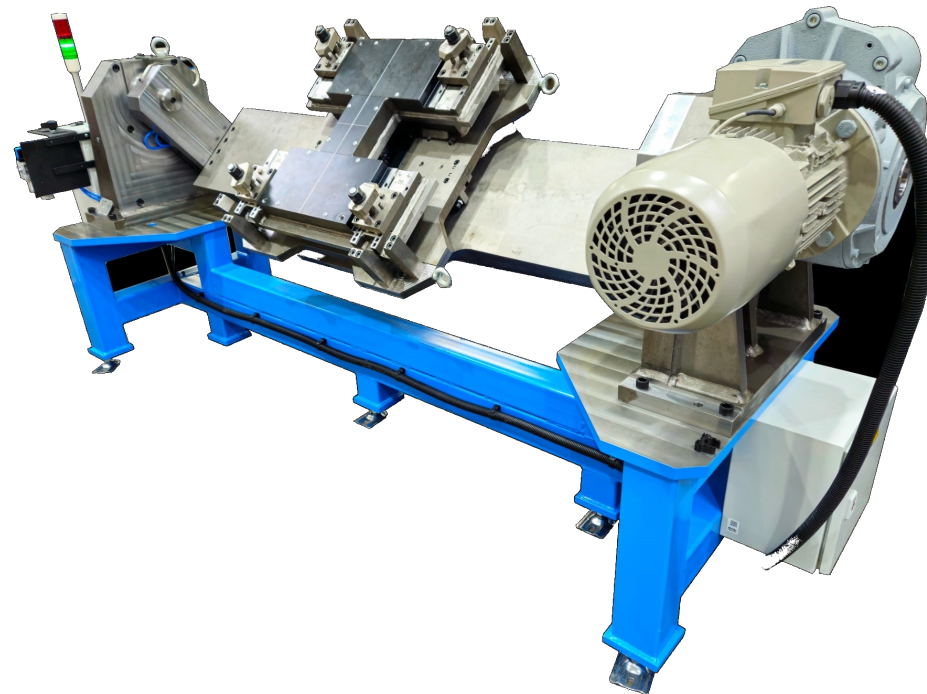
VERSITALE STATIONS FOR STICHING –WELDING

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VERSITALE STATIONS FOR STITCHING –WELDING

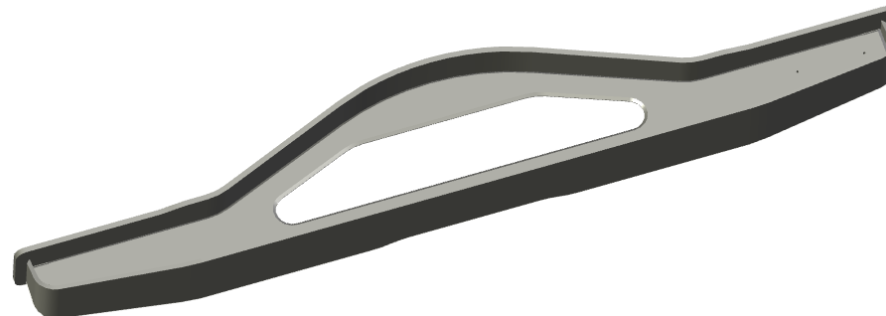
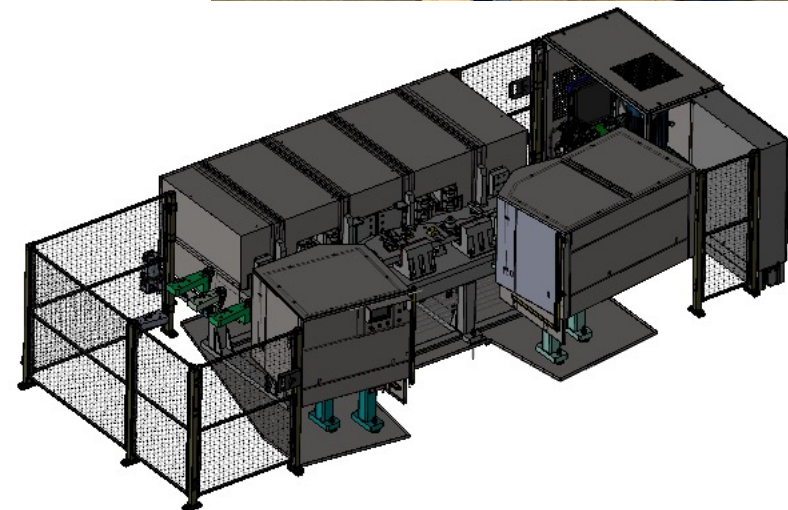
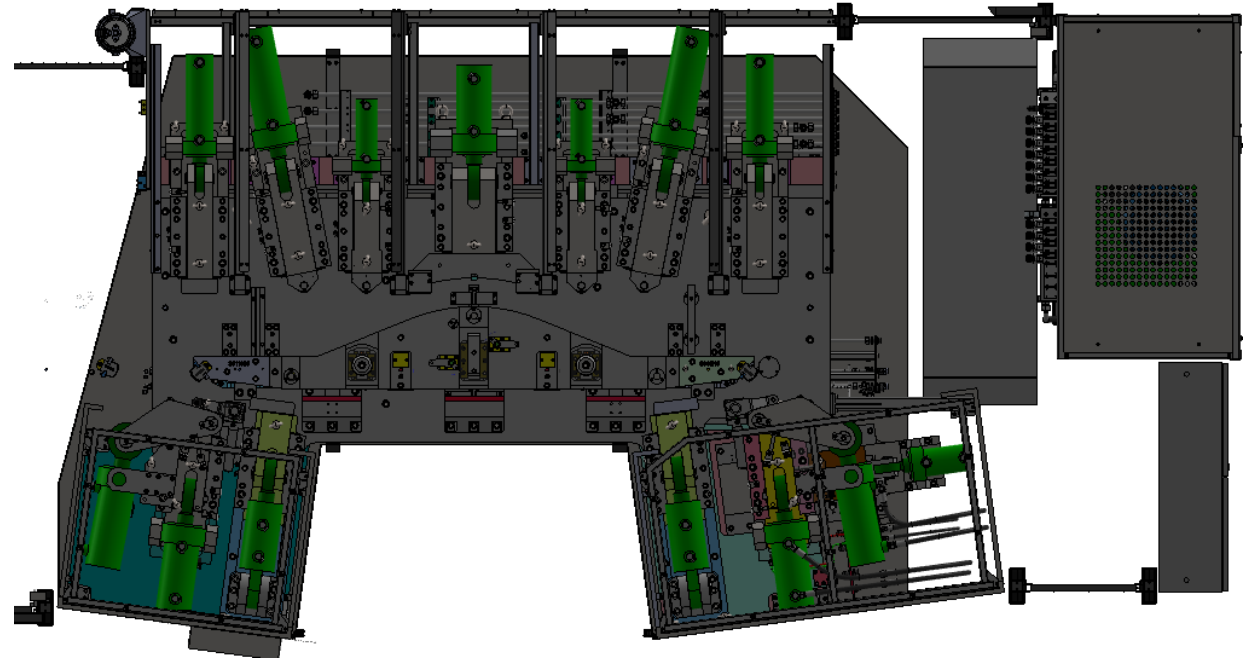
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WELDING STATION FOR TRAIN CHASSIS

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WELDING STATION FOR TRAIN CHASSIS

- Product: Train chassis
- Device: Single purpose machine

