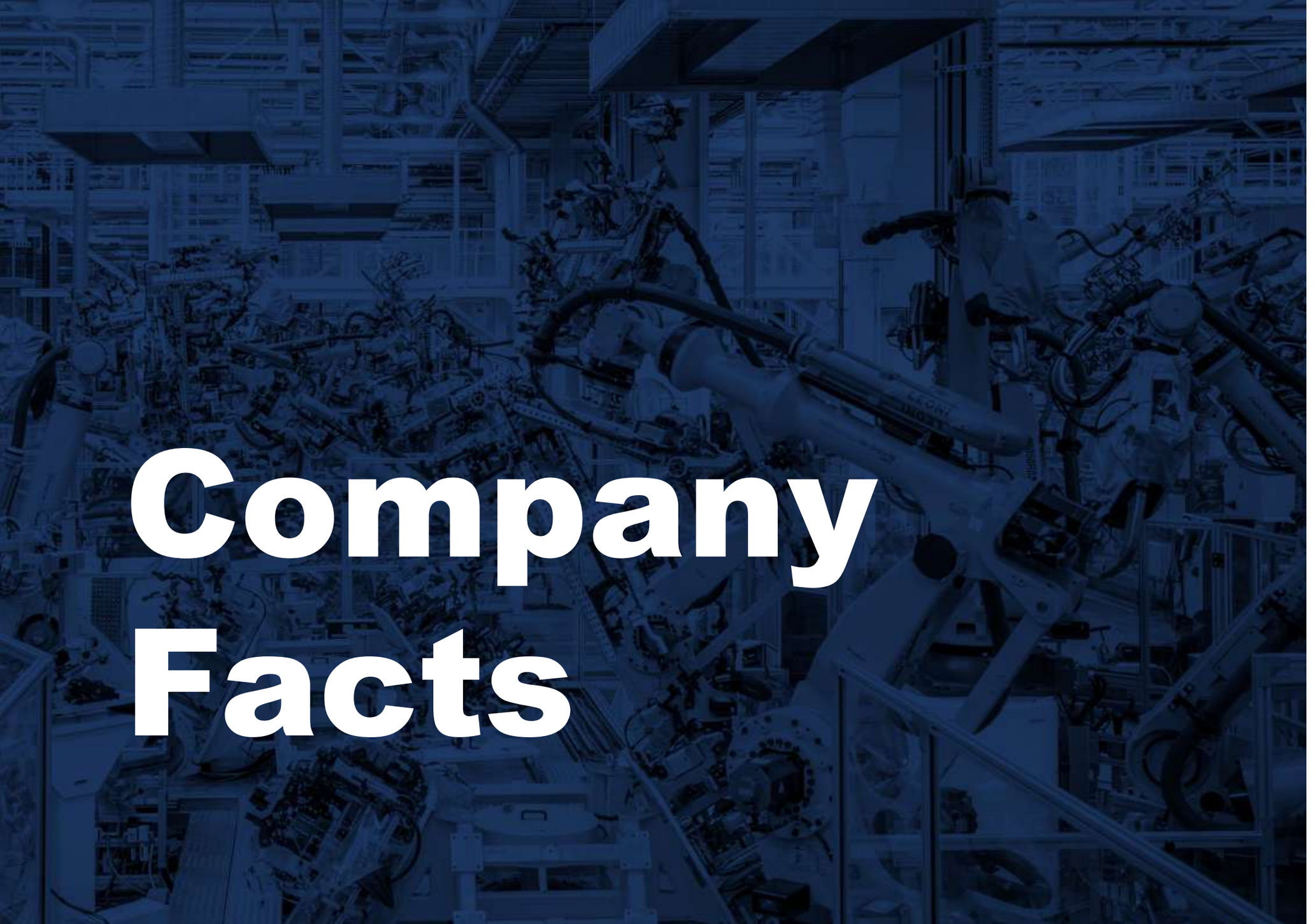
CHROPYNSKA

Engineering. Production. Flexibility.

Company Profile



Company Facts

COMPANY PROFILE

COMPANY FACTS

CAPABILITIES

PRODUCTS

COMPANIES

REFERENCES

CONTACTS

Company Profile

Joint Stock Company

Foundation June **1992**

1800+ Employees

Family owned and managed

Shareholders

František Kudela	34%
Robert Kudela	33%
Robert Sulma	33%

CHROPYNSKA

Engineering. Production. Flexibility.

František Kudela

Company Founder

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Facts & Figures

Full Turn-key Supplier

From Manual To Fully Automated Solution

Biggest In-house Jig Manufacturing
in C&E Europe

1800+

Employees Worldwide

270

Million € Turnover in 2024

113.000+

Square Meters Capacity

8

Countries

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History

1948
- Foundation of **tool shop** in Chropyně (CZ)

1992
- Privatization and founding of **Chropyňská strojírna, a.s.** (CZ)

2012
- Acquisition of **Slavia Tools** (SK)
- Foundation of office in Nizhny Novgorod (RU)

2013
- Acquisition of **RAMIRA** (RO)
- Volkswagen Group Award

2014
- Foundation of office in Nürnberg (DE)
- Foundation of **office in Spartanburg** (USA)
- Joint Venture YIKE Shanghai (CN)

2016
- Foundation of **BenThor automation** (CZ)

2018
- Foundation of **office in Cologne** (DE)
- Foundation of engineering **office in Olomouc** (CZ)

2019
- Foundation of **office in Pune** (IN)

2020
- Acquisition of HLS Czech s.r.o. engineering **office in Mlada Boleslav** (CZ)

2021
- Foundation of **office in Swindon** (UK)
- Foundation of **office in Sibiu** (RO)

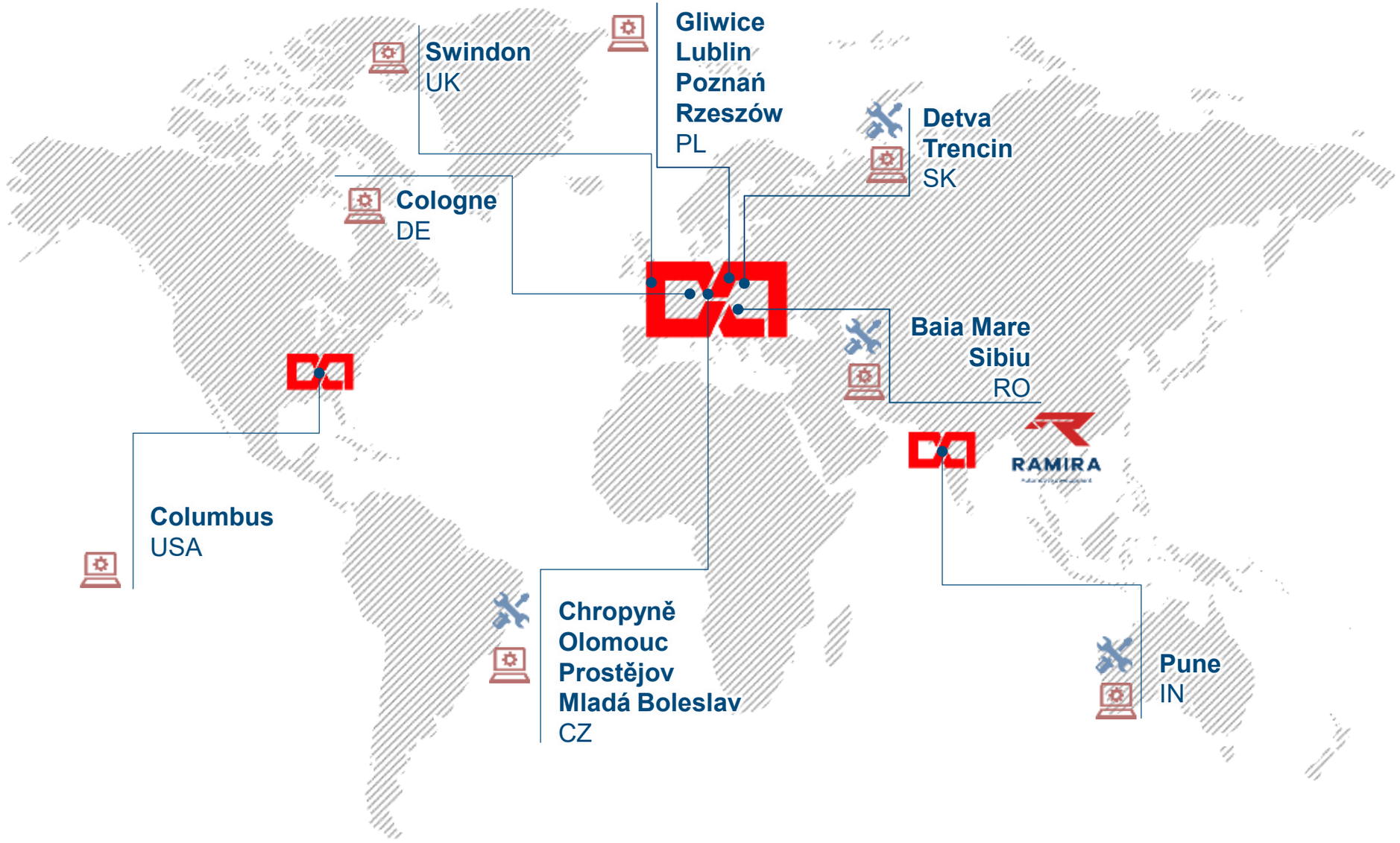
2022
- Acquisition of **EDAG Production Solutions CZ s.r.o.** (CZ)
- Foundation of office in Linz (AT)
- Foundation of **office in Columbus** (USA)

2023
- Acquisition of **Valiant TMS Systems in Pune** (IN)
- Foundation of **Chropynska Polska** (PL)

2024
- Rebranding Slavia Production Systems a.s. to **Chropynska Slovakia a.s.** (SK)
- Foundation of **Business unit E-mobility in Trencin** (SK)

2025
- Acquisition of **CAD engineering s.r.o.** (CZ)

Global Footprint



PRODUCTION

ENGINEERING

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Chropynska Group Global Capacity

Country	Branch	Location	Capacity [m²]	Employees	Engineering Centre	Production Centre	BiW	Assembly & Transport Technology	Molds & Cubing	MIG MAG Welding Lines	E-mobility	Defence	Serial Production	Prototype Production
CZ	**Chropynska strojirna**	Chropyně	25,000	327	●	●	●	●	●			●	●	●
CZ	**Chropynska strojirna**	Olomouc	3,000	200	●		●	●				●	●	●
CZ	**Chropynska strojirna**	Prostějov	5,000	10	●	●	●					●	●	●
CZ	**Benthor**	Mladá Boleslav, Nürnberg	3,200	52	●		●	●		●				
SK	**Chropynska Slovakia**	Detva	12,000	304	●	●	●	●		●		●	●	●
SK	**Chropynska Slovakia**	Trenčín	1,000	46	●		●				●	●	●	●
DE	**Chropynska Deutschland**	Cologne	300	7	●		●	●						
RO	**Ramira**	Baia Mare	55,000	376	●	●	●	●				●		
RO	**Ramira Sibiu**	Sibiu	400	24	●		●	●						
IN	**Chropynska India**	Pune	10,500	200	●	●	●	●		●				
CZ	**Chropynska strojirna**	Mladá Boleslav	510	44	●		●							
UK	**Chropynska UK**	Swindon	190	13	●		●	●						
USA	**Chropynska US**	Columbus	465	10	●		●	●						
PL	**Chropynska Polska**	Gliwice, Lublin, Poznan, Rzeszów	2,500	216	●		●	●		●		●		●
8	**TOTAL**	**18**	**119,065**	**1,829**	**18**	**5**	**18**	**11**	**1**	**4**	**1**	**7**	**5**	**6**

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Capabilities & Focus

COMPANY PROFILE

COMPANY FACTS

CAPABILITIES

PRODUCTS

COMPANIES

REFERENCES

CONTACTS

360° Services

Project Management

137

Simulation, PLC and Robot Programming

291

694

Manufacturing and Assembly

Software Development

11

Concept Planning

42

Mechanical and Electrical Design

311

Spare Parts Management and Aftersales Support

7

Installation and Production Support

119

COMPANY PROFILE

CAPABILITIES

PROJECT MANAGEMENT	137+
SOFTWARE DEVELOPMENT	11+
CONCEPT PLANNING	42+
DESIGN	311+
PROGRAMMING	291+
MANUFACTURE	694+
INSTALLATION	119+
SUPPORT	7+

OVERALL PROJECT MANPOWER 1612+

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Selective Services

Project Planning

UP TO 42

Mechanical and Electrical Design

UP TO 311

Manufacturing and Assembly

UP TO 694

ALL UP TO YOU!

We provide a complete and closed loop of **Planning – Implementation – After Sales** services, but also a single scope service to complete your own project, speed up your delivery or enhance your capacity.

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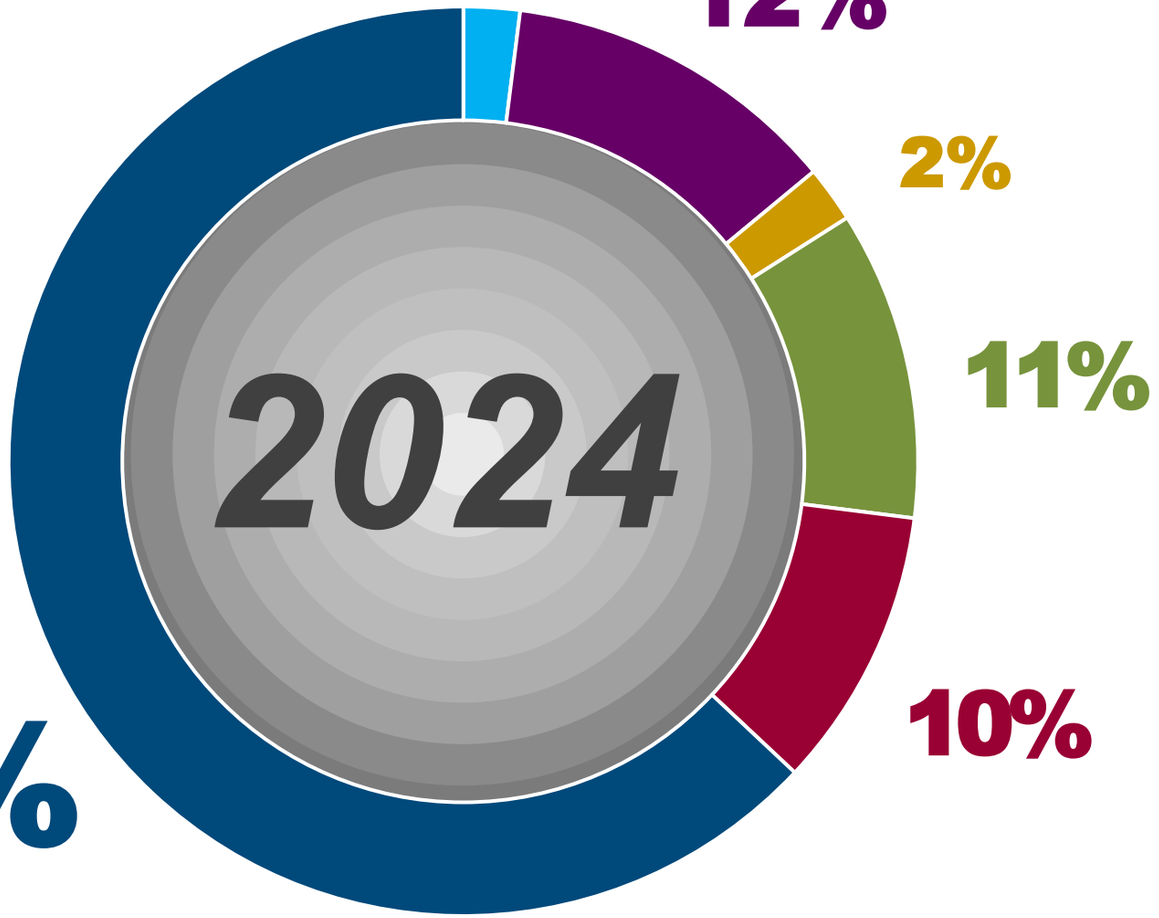
Sales Breakdown

BY TECHNOLOGY

- Aerospace
- MIG MAG Welding Lines
- Molds & Cubing
- Assembly & Transport Technology
- BiW Jig Production
- BiW



BY REGION

COMPANY PROFILE

CAPABILITIES

EUROPE 76%

ASIA 14%

USA 10%

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Markets Served

AUTOMOTIVE

RAILWAYS

AEROSPACE

CONSTRUCTION

AGRICULTURE

OTHER

Products

COMPANY PROFILE

COMPANY FACTS

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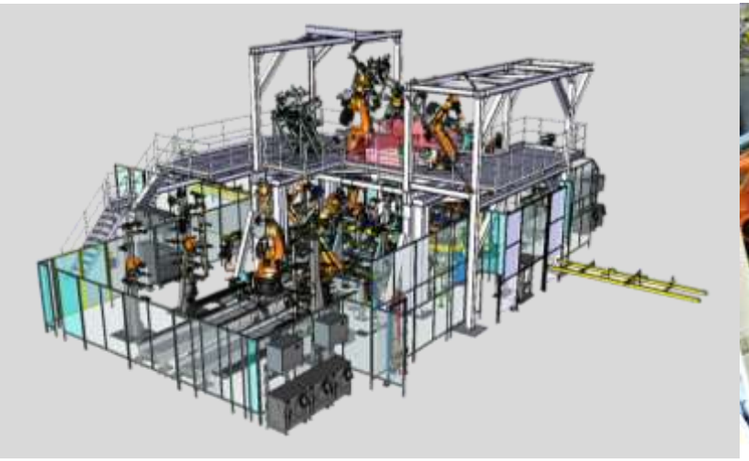
CONTACTS

Turn-Key Solutions for Body in White

- From small cells to complete body shop
- Pilot lines, low capacity and mass production lines
- Underbody, Side Panel, Framing, Closures and Finish lines
- Flexible lines for different models, high amount of derivates
- Steel, aluminium and composite joining technologies
- All technological and production skills in house
- New lines and integrations
- We can integrate robot brands Kuka, ABB, Fanuc, Comau, Yaskawa, Cloos
- PLC control SIEMENS, Omron



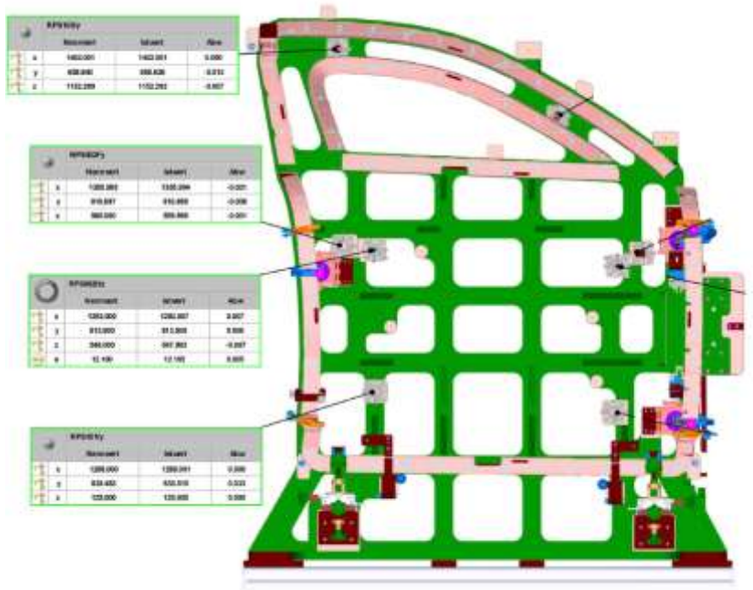
2,000+
robotic stations installed in past 3 years

8
months from kick-off to 1st car

Production of the Fixtures

- Welding fixtures: GEO, respot, handling
- Assembling fixtures
- Riveting fixtures
- Checking fixtures

- Yearly 1.500 Geo fixtures
- 700 Production Engineers in Romania, India, Czech and Slovak Republic

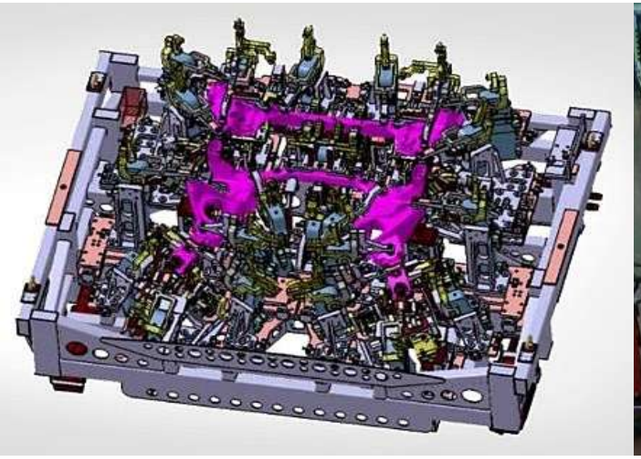


100%

Fixtures with 3D measuring protocol

MIG/MAG
Fixtures and Welding Lines

- Automotive
- OEMs and first-tier suppliers (axles, seats etc.)
- Rail industry (underbody, side panel, roof, cathedral)
- Agriculture and construction industry
- Civil engineering machines
- General industry



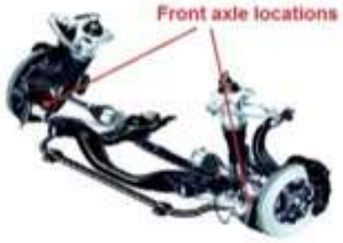
25+

years experience with MIG MAG welding

MIG/MAG Welding Lines Automotive

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Welding quality setup
- Spare Parts Management and Aftersales Support

- Body in White
- Car Seats
- Axle Frames
- Bar ASM
- Finish line - closures



25+

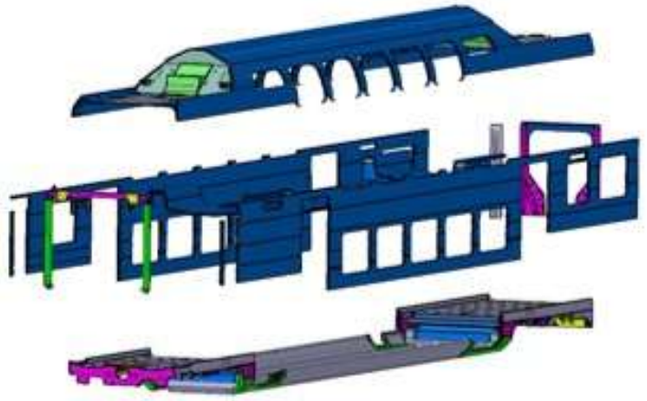
years experience with MIG MAG welding

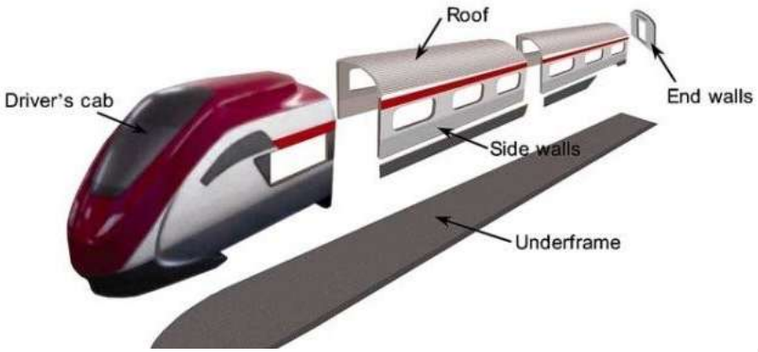
MIG/MAG Welding Lines Railways

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Welding quality setup
- Spare Parts Management and Aftersales Support

- Sub-units
- Headstock
- Central parts
- Long beams
- Underframes
- Sidewalls
- Middle floors

- Roofs
- Front ends
- Rear ends
- Car bodies
- Bogies
- Fitting





25+

years experience with MIG MAG welding

MIG/MAG Welding Lines Construction and Agriculture

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Welding quality setup
- Spare Parts Management and Aftersales Support

- Sub units
- Frames
- Arms
- Booms
- Cabins
- Walls

25+

years experience with MIG MAG welding

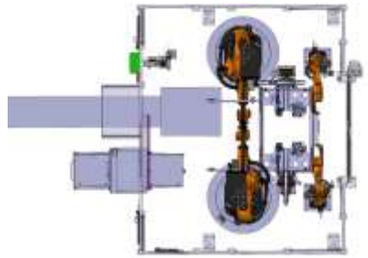
Assembly and welding lines for General Industry

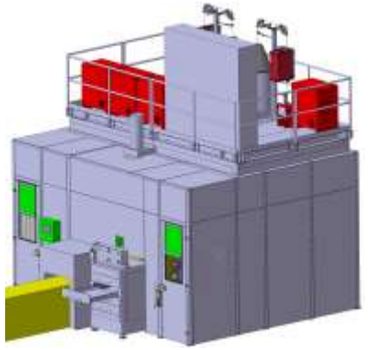
- Tanks for liquids
- Containers
- Dump boxes
- Healthcare machines – CT Machines

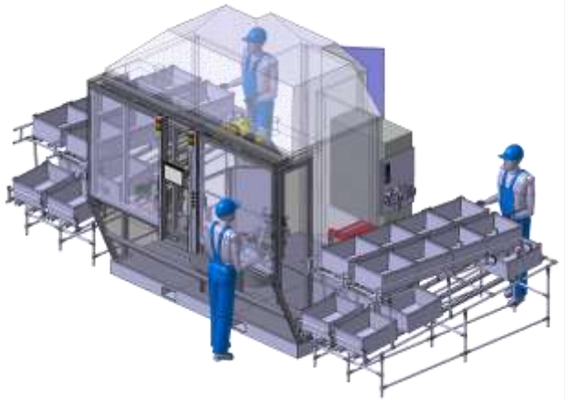
Our footprint spans everywhere

Arc welding cells

- Bespoke solutions of welding cells
- Including jigs and grippers
- Including robots and welding equipment
- With manipulators, rotators or conveyor technic
- Suitable for MIG MAG, Spot, Studs etc.







Complete turnkey and customized solutions

Turn-Key Solutions for E-Mobility

- Welding
- Gluing
- Gap filling
- Assembling
- Checking

- Solutions from Concept to Commissioning
- Experienced E-Mobility technical staff

- Cell To Pack
- Cell To Module

- E-Drive units

- E-Cars
- E-Bikes
- other

2+

Battery assembly lines in past 2 years

100%

Complete turnkey solutions

Complete Solutions for Assembly & Transport Technology

Semi to Full Automated Assembly for Single or Various Products

- Body Chassis Marriage
- Chassis Fastening
- Cockpit Installation
- Engine Dress-up lines
- Windows Gluing Systems
- Sun & Moon Roof Installation
- Sub-assembly and Equiping lines
- Assembly and Control Jigs
- Bolting Stations
- Frame Buffers

Overhead Transport Systems

- EMS, Chain Conveyor

Floor Transport Systems

- Roller Conveyor
- Chain Conveyor
- Belt Conveyor
- Skid Conveyors
- Water Test Conveyor
- Lifters, Turn Tables
- Frame Buffers

9

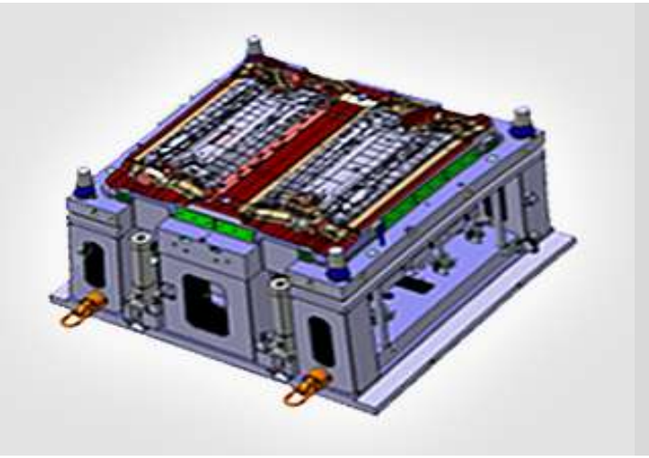
currently running projects

Molds for Plastics

- Tool assurance for large packets of molds
- Part development and optimization
- Project management, design, production and second stage service
- Automotive and consumer goods industry
- Production in Chropynska facilities

Tool Types:

- injection molding, RIM technology
- painted parts, parts with chemical graining, technical parts



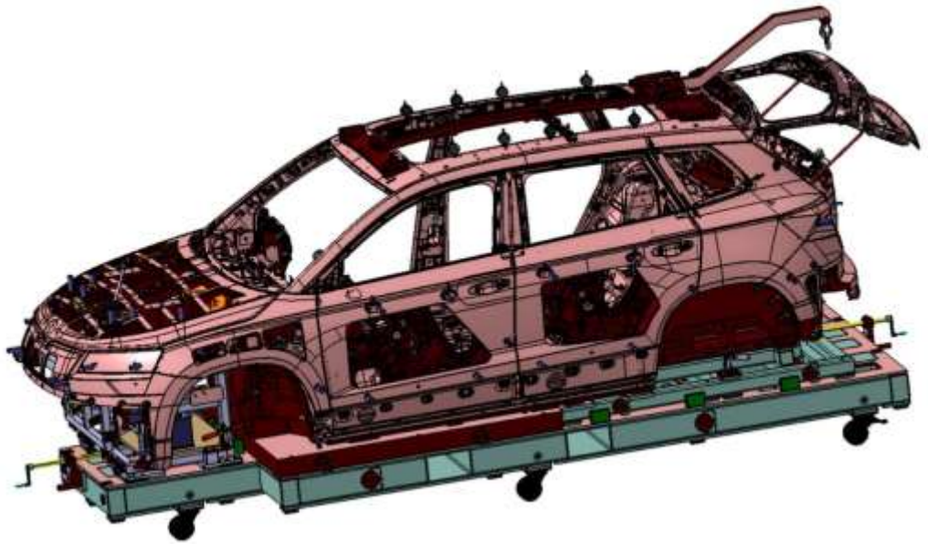
Molds up to
35 tons
heavy

40+
years experience

Cubing

- Complete or partial cubing models

- Design in Catia V5
- Production – high speed 5-axis CNC machines
- 3D measuring in air-conditioned 3D measuring room
- Technical support at customer site



20+
own designers

TOP SURFACE QUALITY!

HIGH PRECISION!

Aerospace

- Positioning Tooling and Fastening Systems
- Control Fixtures
- Assembly and Manual Riveting Fixtures
- Material Handling Systems
- Satelite Structure Parts

30+

CATIA V5 and 3DExperience licenses

Our parts are going to space!

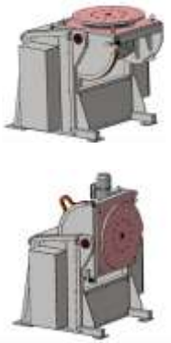
JUPITER and beyond...

Manipulators and rack changers

- Bespoke solutions of welding manipulators
- One axis of rotation with electrical asynchronous drives
- One axis of rotation with electrical asynchronous drives
- On demand we are able to fit solution to customers needs
- Servo drives on demand
- Rack changers - customized solutions for pallet exchange in the line

1 rotation axis
1 stand

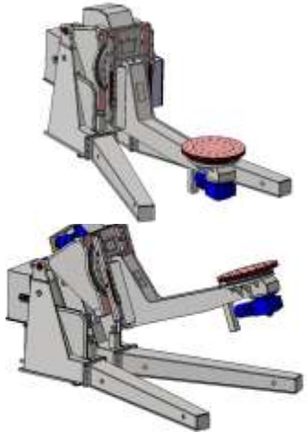
2 rotation axis
1 stand



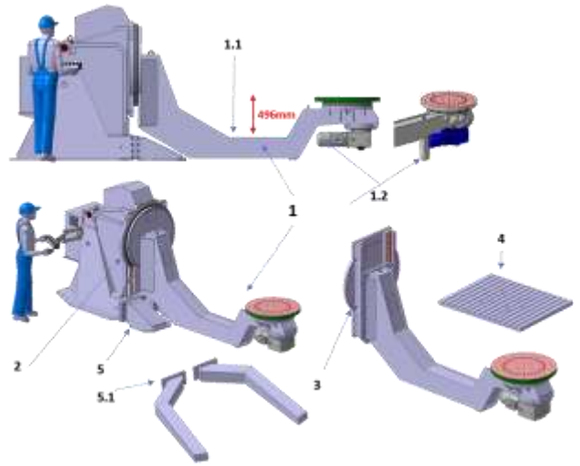
1 rotation axis
Synchronous lift
2 stands

1 rotation axis
lift
1 stand

2 rotation axis
hydraulic swivel
1 stand



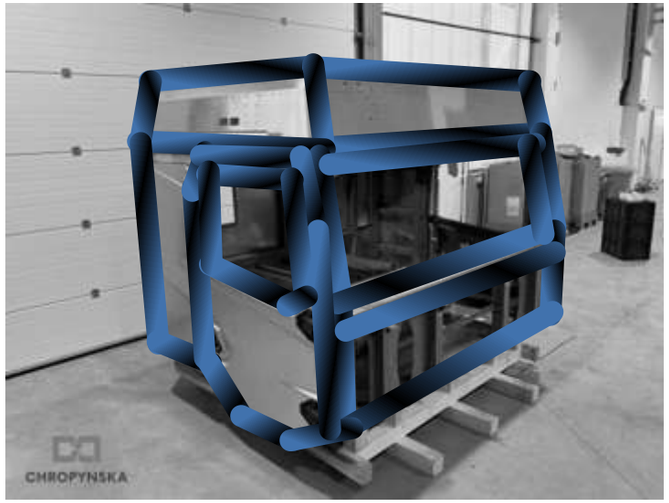
2 rotat0,2ion axis hydraulic swivel
1 stand Second generation



Tailored solutions for customers needs

Small-batch and prototype production

- prototype line for production of cabins, doors and roofs for utility vehicles
- possibilities for the production of other products

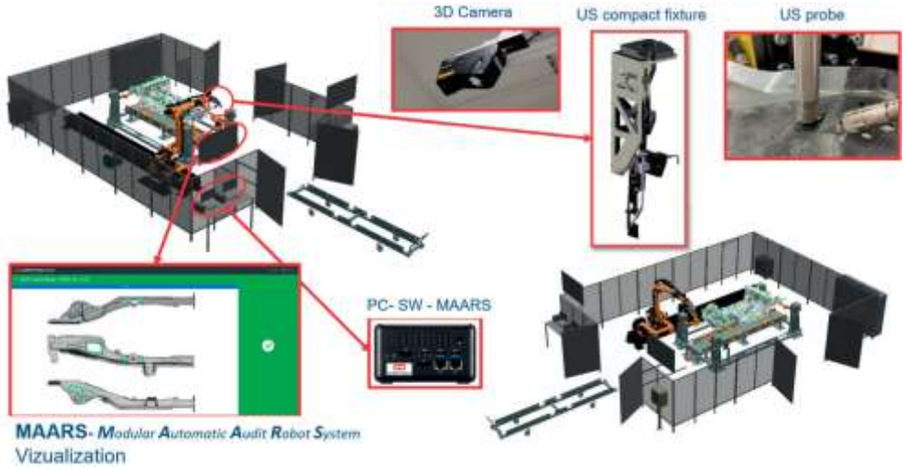


5,000m²
new manufacturing facility in Prostějov (CZ)

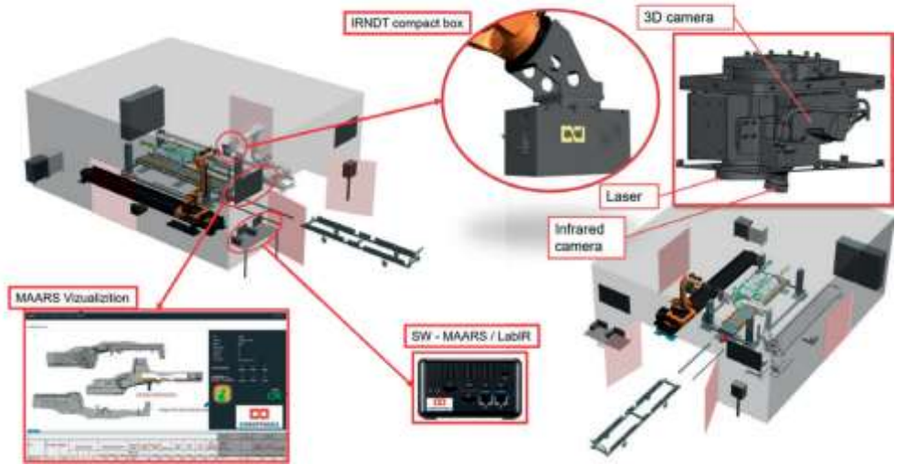
Non Destructive Testing Methods

- Ultrasound (US) - PATENTED METHOD
- Infrared method (IRNDT) - PATENTED METHOD
  - device developed by Chropyňská strojírna, a.s.
  - cost-effectiveness of this solution

Ultrasound

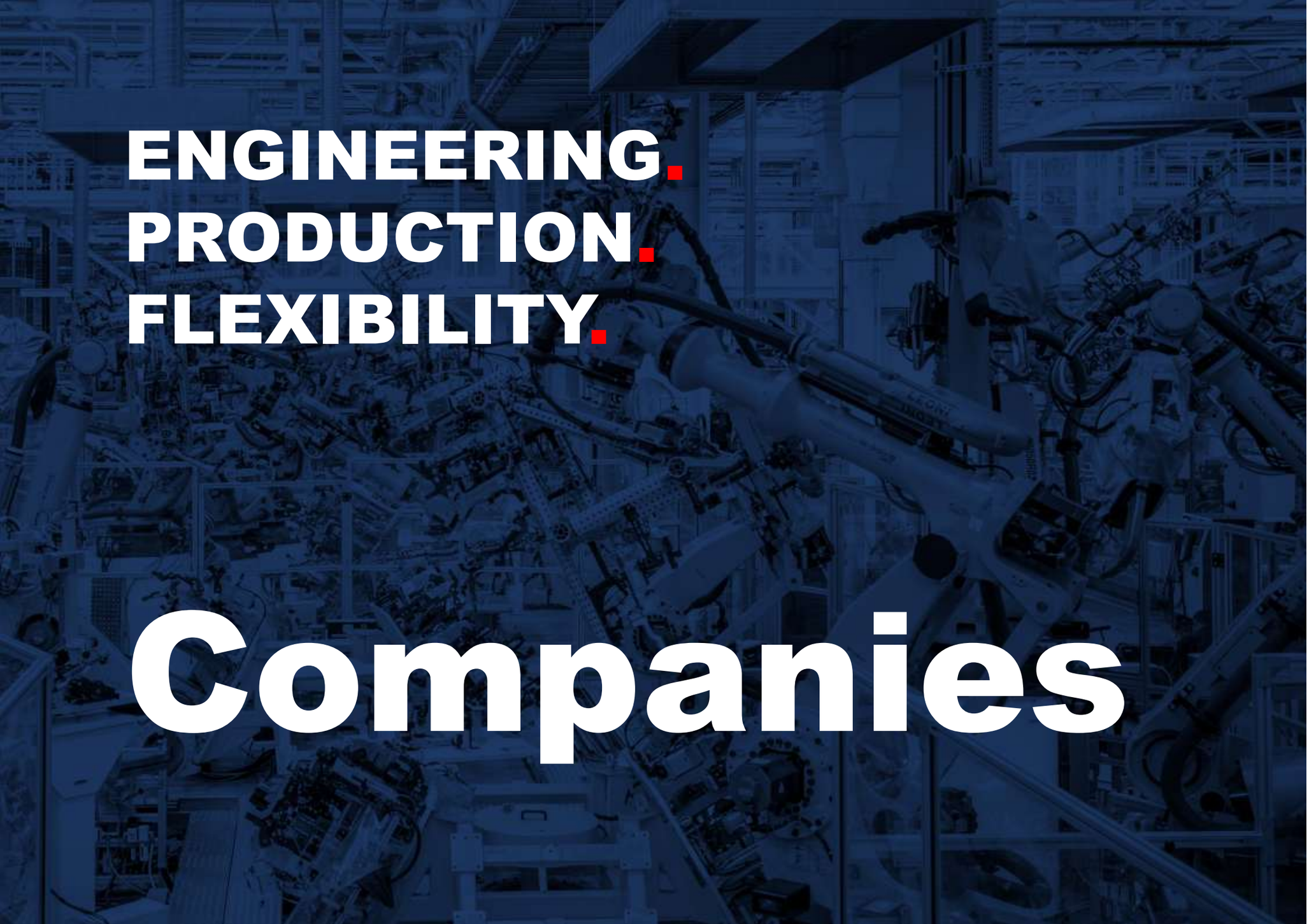


IRNDT



System development

Testing cell in Prostějov (CZ)



ENGINEERING.
PRODUCTION.
FLEXIBILITY.

Companies

COMPANY PROFILE

COMPANY FACTS

CAPABILITIES

PRODUCTS

COMPANIES

REFERENCES

CONTACTS

CHROPYŇSKÁ STROJÍRNA

327

25,000

m^2

IN-HOUSE CAPABILITIES

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

- BiW
- Assembly and Transport Technology
- Molds
- Cubing
- BiW Jig Production

We've risen by 2 simple things...

Think big, work hard.

CHROPYNĚ

CHROPYŇSKÁ STROJÍRNA

200

3,000

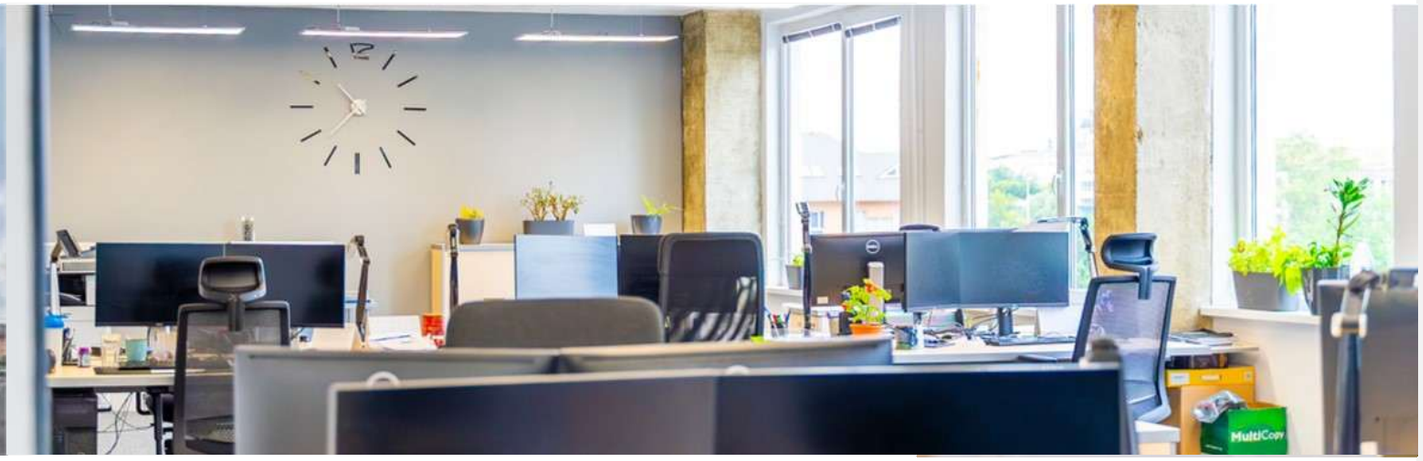
m^2

IN-HOUSE CAPABILITIES

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

- BiW



COMPANY PROFILE

GROUP COMPANIES

95

brand new workstations for design and simulation

OLOMOUC

CHROPYŇSKÁ STROJÍRNA

44

510

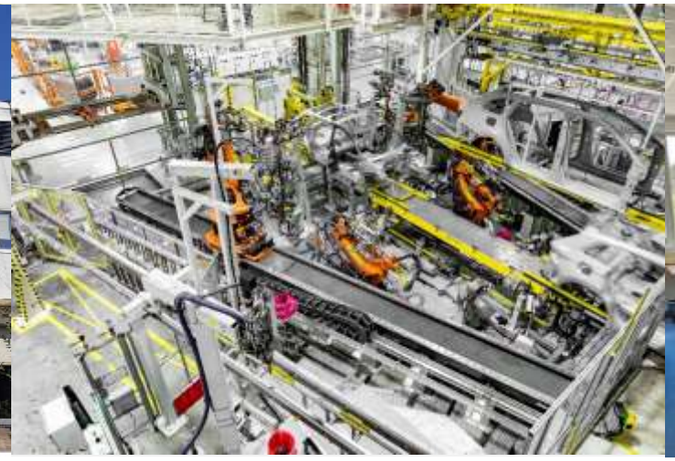
m^2

IN-HOUSE CAPABILITIES

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

- BiW



Engineering offices acquired in 2020 and 2022

MLADÁ BOLESLAV

BENTHOR

52

3,200

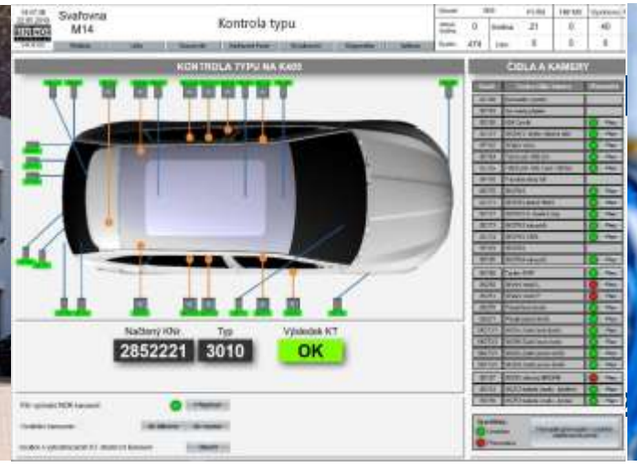
m^2

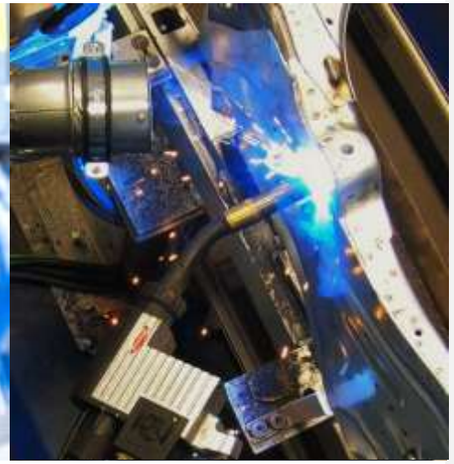
IN-HOUSE CAPABILITIES

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

- BiW
- MIG MAG Welding Lines
- MES & SCADA Systems
- Production Flow Control
- Industry Networks and Analysis
- Software development





COMPANY PROFILE

GROUP COMPANIES

Where machines come to life.

MLADÁ BOLESLAV, NÜRNBERG

CHROPYNSKA SLOVAKIA

304

12,000

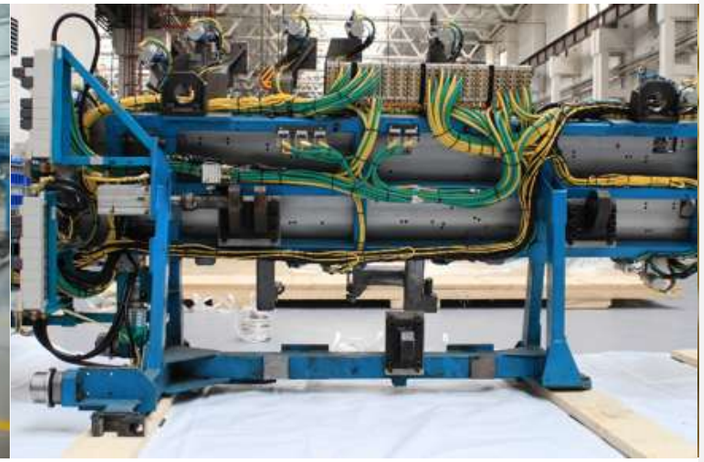
m^2

IN-HOUSE CAPABILITIES

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

Aerospace
MIG MAG Welding Lines
BiW Jig Production



50+

years long tradition of welding jigs design and production

DETVA

CHROPYNSKA SLOVAKIA

E-mobility Business Unit

46

1,000

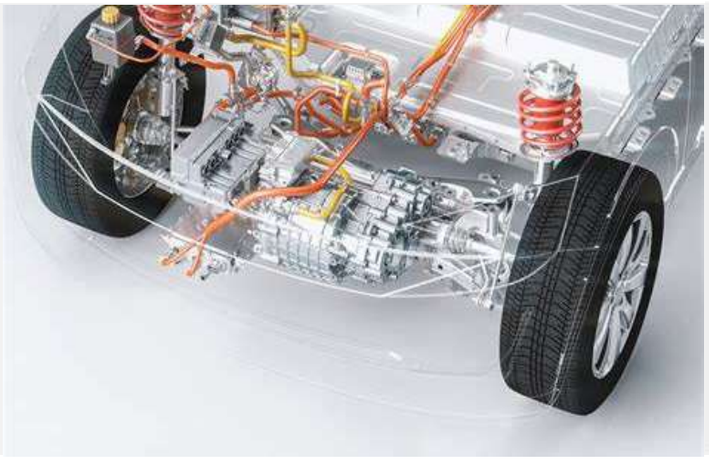
m^2

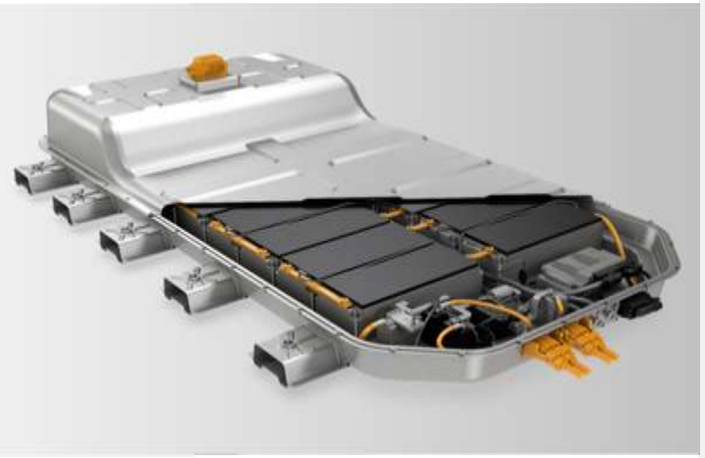
IN-HOUSE CAPABILITIES

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

- E-mobility
- BiW
- MIG MAG Welding Lines
- Software development





New office set up in March 2024

Powering Tomorrow´s Journeys: Electrifying the Future

TRENČÍN

RAMIRA

400

55,400

m^2

RAMIRA
Automotive development

IN-HOUSE CAPABILITIES

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

BiW
BiW Jig Production

12,500+
components in our execution on technological flow

BAIA MARE,
SIBIU

CHROPYNSKA DEUTSCHLAND

7

300

m^2

IN-HOUSE CAPABILITIES

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

- BiW

We are close to our customers.

COLOGNE

CHROPYNSKA UK

13

190

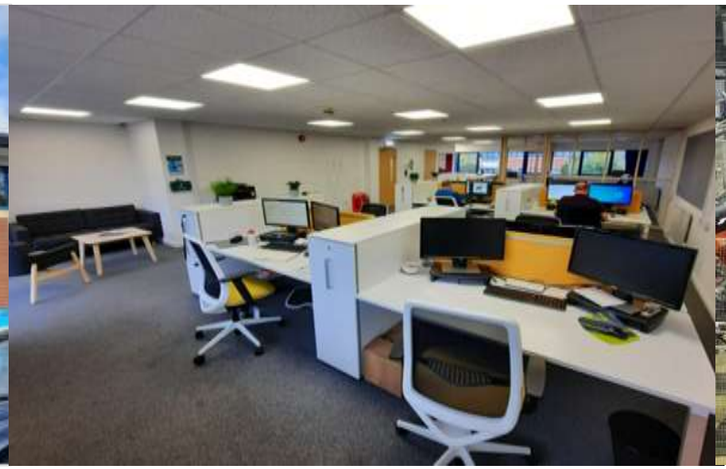
m^2

IN-HOUSE CAPABILITIES

Project Management
Concept Planning
Electrical Design, PLC Programming and Commissioning
Mechanical Design, Simulation and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

BiW



Established engineering office since August 2021

SWINDON

CHROPYNSKA INDIA

200

10,500

m^2

IN-HOUSE CAPABILITIES

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

- BiW
- Assembly and Transport Technology
- Powertrain
- Robotic Deburring & Assy Lines
- Heavy & Aeropsace

30+

Mio € project for Skoda Volkswagen India

Leading the way for BiW in India

PUNE

CHROPYNSKA US

10

465

m^2

IN-HOUSE CAPABILITIES

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

BiW

Wealth of experience and successful projects since 2014

COLUMBUS

CHROPYNSKA POLSKA

216

2,500

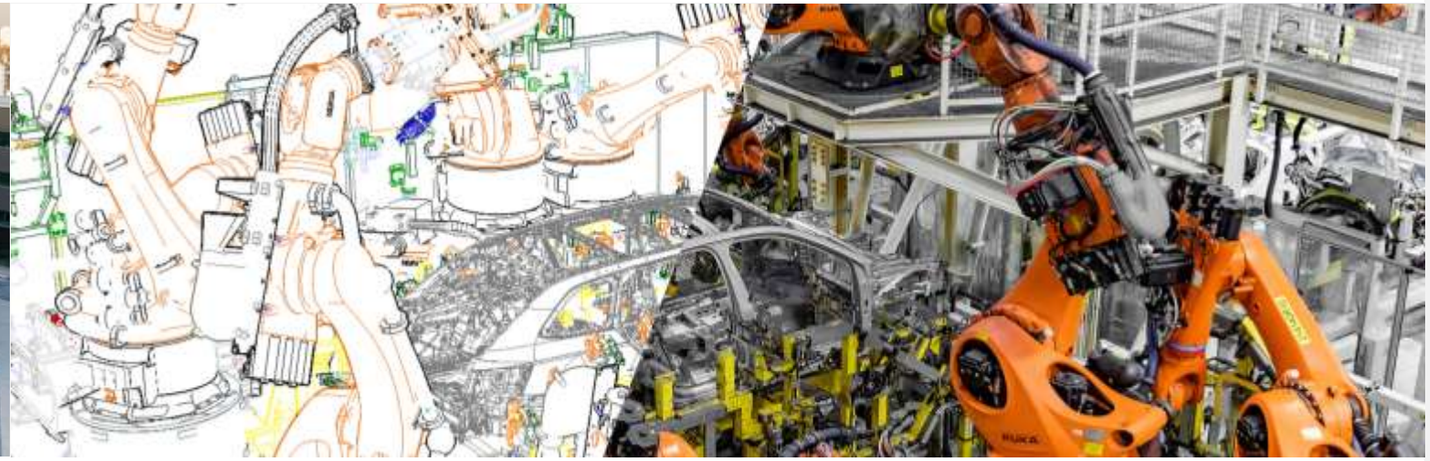
m^2

IN-HOUSE CAPABILITIES

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Spare Parts Management and Aftersales Support

PRODUCTION SCOPE

- BiW



COMPANY PROFILE

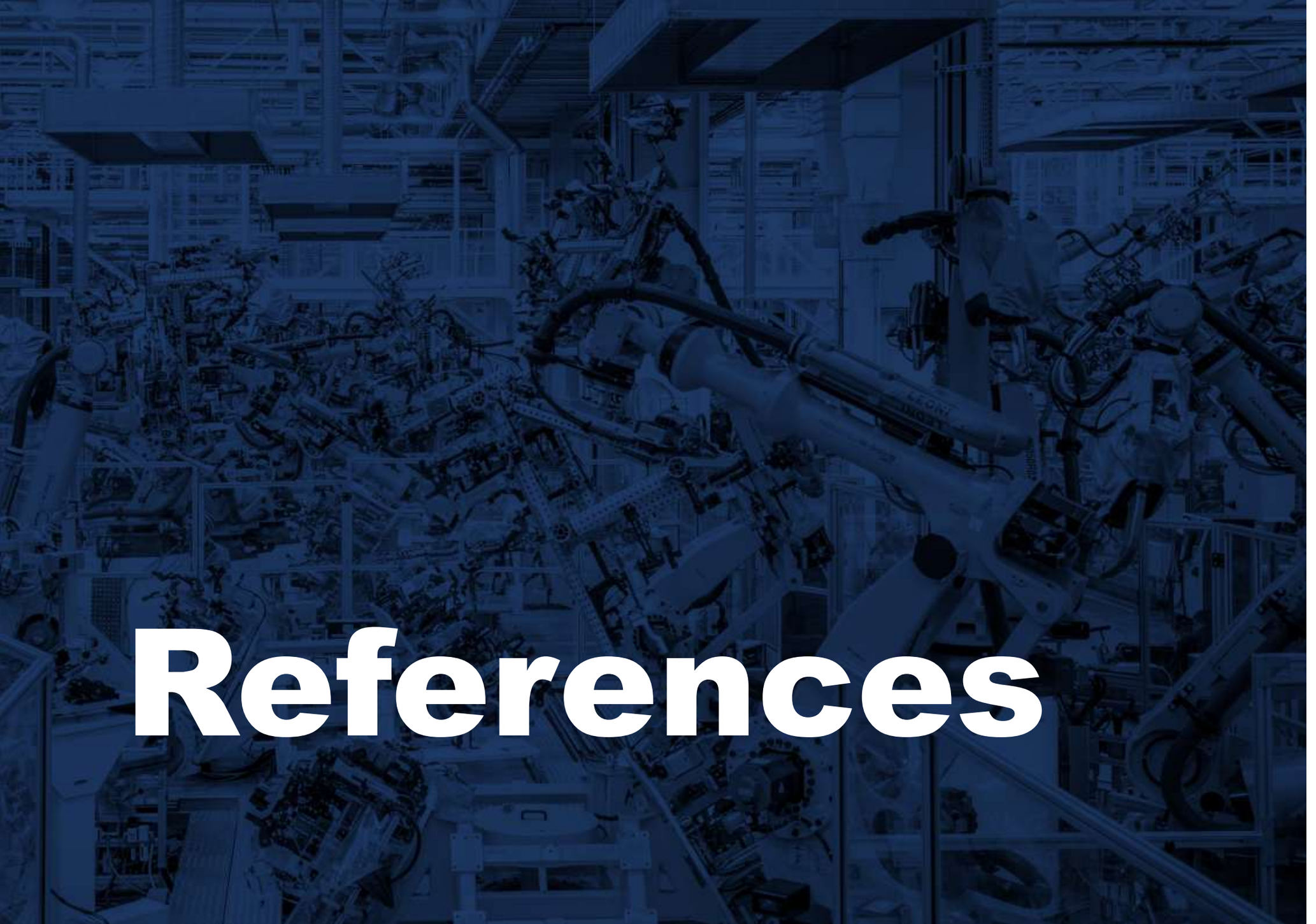
GROUP COMPANIES

4

office locations in Poland

Empowering possibilities: Harnessing vast capacities in **Simulation and Programming.**

GLIWICE
POZNAŃ
RZESZÓW
LUBLIN



References

COMPANY PROFILE

COMPANY FACTS

CAPABILITIES

PRODUCTS

COMPANIES

REFERENCES

CONTACTS

CHROPYNSKA

Automotive

Aerospace

Railways

Construction

Agriculture

Other

References

COMPANY PROFILE

REFERENCES

Worldwide Connections: Valuing Every Customer

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Honda (US)

MARYSVILLE, OHIO

8 months
10/2021 – 05/2022

CT 60 s

CR-V

Side Panel GW, Tailgate, Doors

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- new jigs
- assembly and testing in Slovakia

€×10⁶

< 5
< 20
< 40
> 40

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Honda (US)

MARYSVILLE, OHIO

CR-V (Fuel Cell)

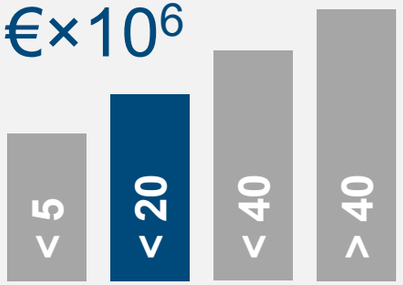
10 months
09/2022 – 07/2023

Floor, Inner Frame, Side Panel, Upper Body Framing, Roof Set, GW, Final Body Welding

CT – Low Volume Production

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- Complete New System - Installation into Greenfield Space
- System Planning & Full Design
- Jigs and Fixtures Manufactured and Tested in Slovakia
- New Body Fixturing with Transfer System
- New Jigs and Material Handling Fixtures
- New Sealer Systems
- New Robotics with integrated Tool Changers
  - Auto Weld Gun Changes
  - Auto Material Handling Jig Changes



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Honda (US)

GREENSBURG, INDIANA

ACCORD (Sedan)

12 months
11/2023 – 11/2024

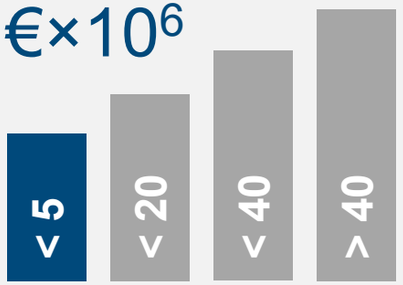
Roof Comp, Outer Stiffener Comp, Side Panel Outer, Side Panel Comp, Upper Body Framing

CT 53 s

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- Process Planning
- Integration into Existing Production Lines
  - Integration into all existing lines
- New Jigs and Material Handling Fixtures
  - Manufactured and Tested in Slovakia
- New Jig Change / Model Change Capability added

€×10⁶



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Honda (US)

LINCOLN, ALABAMA

PASSPORT (SUV)

10 months
05/2023 – 07/2024

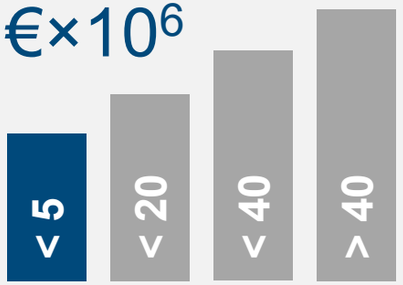
Outer Stiffener, Side Panel Outer, Side Panel Comp, Hood, Liftgate, Front Door, Rear Door

CT 54 s

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- Integration into Existing Production Lines
  - Integration into existing Hood & Liftgate Line
  - Integration into existing Side Panel Line
- New Jigs and Material Handling Fixtures
  - Manufactured and Tested in Slovakia
- New Robotics with integrated Tool Changers
  - Auto Material Handling Jig Changes

€×10^6



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BMW (DE)

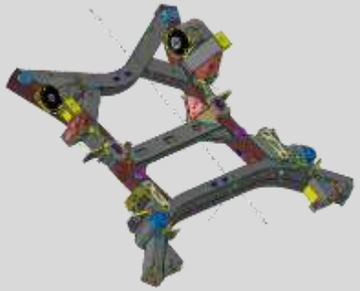
NIEDERVIEHBACH

Phase 1 – 24 months
Phase 2 – 20 months
09/2018 – 09/2020
09/2020 – 09/2022

CT 242 s

i20

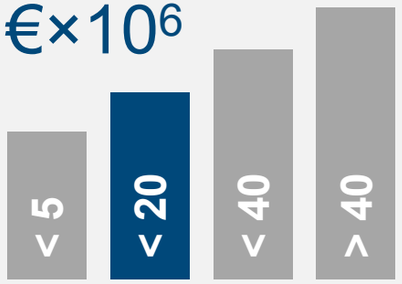
VAT, HAT i20



Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

Production line

€×10⁶



BMW (US)

SPARTANBURG

G45 BMW X3

35 months
11/2021 – 10/2024

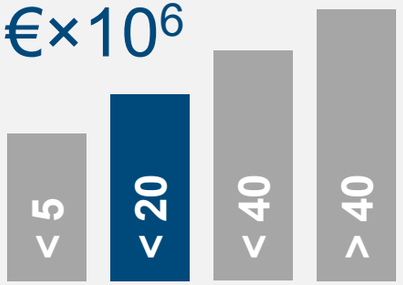
UB sub. Lines, Underbody, Side Frame Line, Framing Line

CT 87 s
35 JPH

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- spot welding, riveting, gluing, hemming, handling

€×10⁶



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BMW (US) - BMW Toolshop

SPARTANBURG

G65 BMW X5

08 months
12/2023 – 08/2024

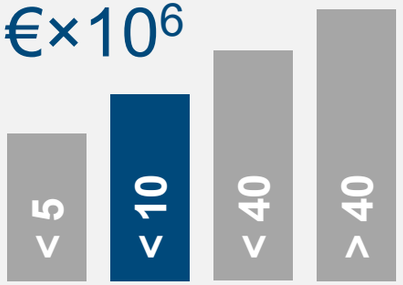
Door Line

CT --- s
--- JPH

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- Tooling production, Stell structures production and installation

€×10⁶



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BMW (DE)

HALLBERGMOOS

16 months
05/2019 – 08/2020

CT 42 min
1,4 JPH

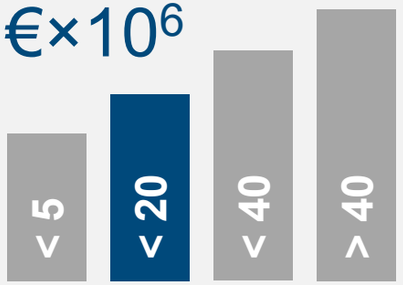
BMW Body in White Prototypes

UB sub. Lines, Underbody, Framing Lines

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- spot welding, riveting, flow drill gluing, handling

€×10⁶



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Audi (DE)

NECKARSULM

pending
07/2021 – TBD

CT 57 s

AU40x	Audi A5
AU59x	Audi A7
RS models	A5 RS, A7 RS

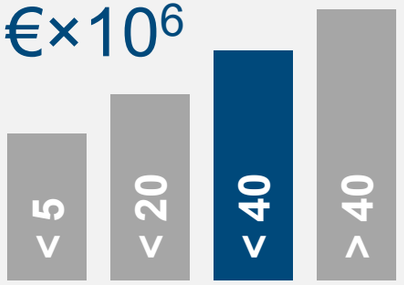
Underbody Main Lines
Underbody Subassembly

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- integration into existing lines + new lines
- 276 robots
- reduction of cycle time and optimization

Audi

€×10⁶



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Škoda Auto (CZ)

MLADA BOLESLAV

SK316x Enyaq / Elroq

32 months
10/2021 – 06/2024

Rear Floor, Underbody, Side Panels, Finish

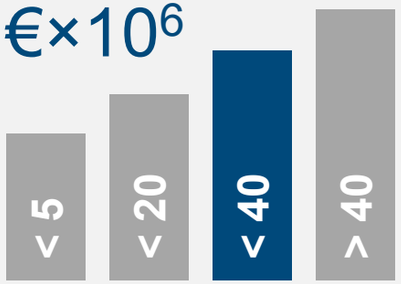
CT 73 s

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- new line + integration into existing lines

ŠKODA

€×10⁶



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Škoda Auto (CZ)

KVASINY

SK381/382 Octavia

Step1 SK381
03/2023 – 12/2024
Step2
12/2024 – 03/2025

UB2, Body side, Framer

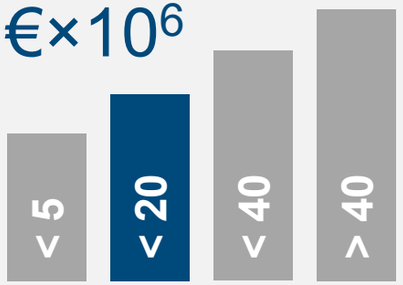
CT (71s)

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support

- integration into existing lines

ŠKODA

€×10⁶



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Volkswagen (SK)

BRATISLAVA

28 months
12/2022 – 04/2025

CT 95/97 s

AU546/616 Q7/Q9

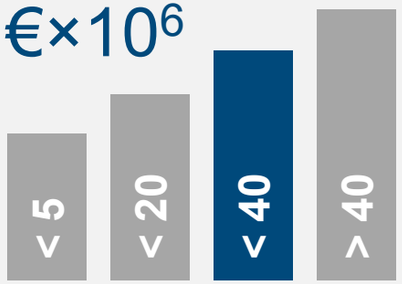
Doors

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- greenfield project
- aluminium body
- 142 robots

Audi

€×10⁶



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Volkswagen (SK)

BRATISLAVA

41 months
09/2022 – 02/2026

CT 153 s

PO546	CAYENNE
PO546/1	CAYENNE Coupé
BY646	Bentley D-LUV

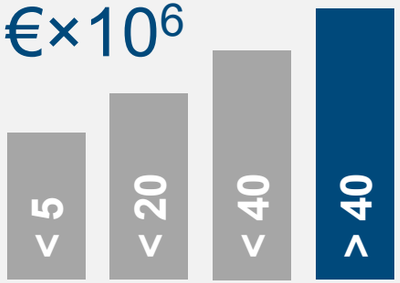
Underbody, Body, Side Doors, Roof

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- new lines PO546
- integration of PO546 + PO546/1 + BY646
- Aluminium Doors, Aluminium-steel hybrid body
- roll hemming, half-hollow rivet, clinch, flow drill screw, MIG/MAG, In-Line measurement, laser soldering, gluing, spot welding

BENTLEY

€×10⁶



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Volkswagen (PL)

POZNAN

VWN35x VW Caddy 5

29 months
09/2018 – 02/2021

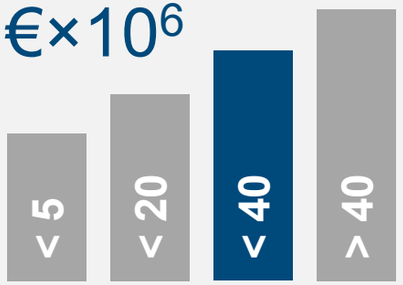
Framing, Side Panels, Finish

CT 86 s

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- brownfield - integration into existing line (50%) + new lines (50%)
- 285 robots

€×10⁶



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Skoda Volkswagen India (IN)

PUNE

17 months
07/2022 – 01/2025

CT 72 s
42 JPH

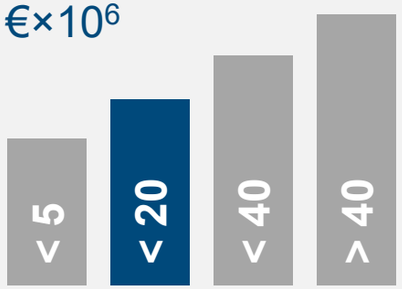
SK/VW 216/2IN	SK/VW	Kushaq
VW/SK 271/1IN	VW/SK	Slavia
SK 216/6	SK	SUV

Framing (integration)
Underbody Main Lines (integration)
Underbody Subassembly (integration)
Side panels (new)

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- new models and integration
- reduction of cycle time and optimization by old models

€×10⁶



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Skoda / Thanhcong (Viet)

Ha Long

7 months
03/2019 – 01/2020

CT 300 s
10 JPH

SK 216
SK 271

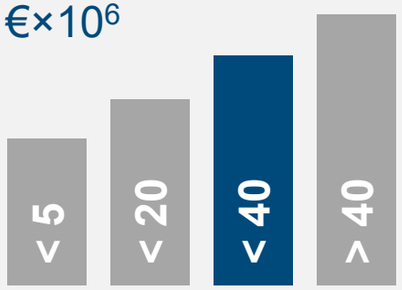
SK Kushaq
SK Slavia

Framing and side panels (new)
Underbody (new)
Underbody Subassembly (new)
Closures line (new)
Matching line (new)

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- Completly new body shop

€×10^6



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Ford (DE)

COLOGNE

E-SUV
S / L

02 derivatives
Hatch and Wagon

31 months
11/2021 – 05/2024

Complete Underbody

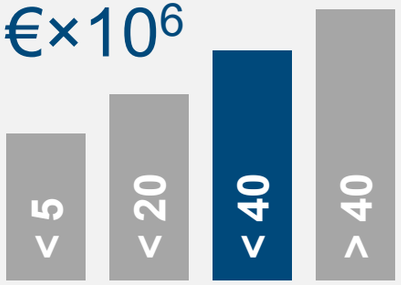
Subs Assemblies, Front End, Front Floor, Rear Floor, Marriage

CT 55 s
250K UPA

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- SE planning
- mechanical and electrical design of complete Underbody
- Special technology with automatic feed of parts to line, with Vision system, Auto-Rack exchanger and logistics transfer System to automatic lines
- 280 robots

€×10⁶



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Opel (DE)

RÜSSELSHEIM

18 months
06/2021 – 12/2022

CT 77 s
42 JPH

eP51	Peugeot E-308
eOV51	Opel E-Astra 5D
eOV52	Opel E-Astra SW

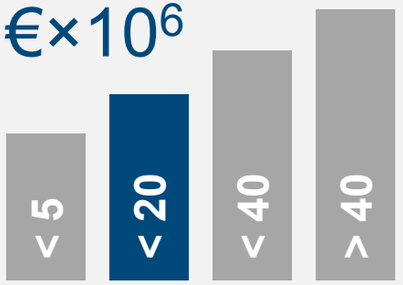
Underbody - 12 variants – incl. MHEV

Project Management
Concept Fine-Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Commissioning

- brownfield - integration into existing lines (3 standards)
- greenfield - newly equipped sub-lines
- 285 robots (modification + new)
- integration during 10d shutdown, weekends, night shifts

STELLANTIS

€×10⁶



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Dacia - Renault

PITESTI - MIOVENI

29 months
01/2022 – 05/2024

CT 127 s
42 JPH

P/R 1310 Dacia Duster New Concept
XDD Batilly Master

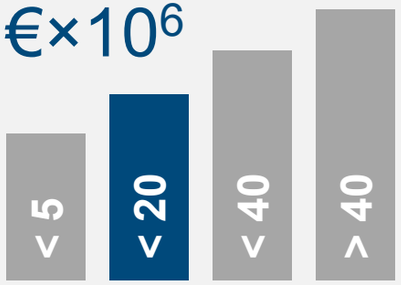
Central Unit, Front Unit, Rear Unit, FM, BM,LFR

RAMIRA
Automotive development

- Project Management
- Concept Planning
- Mechanical and Electrical Design
- Simulation, PLC and Robot Programming
- Manufacturing and Assembly
- Installation and Production Support
- Spare Parts Management and Aftersales Support

- integration in existing line + new fixtures and robotized cells
- car part handling and transport fixtures (carry-over and new)
- 180 welding, handling, gluing robots (carry-over and new)
- integration during the shutdown periods, on the weekends, in 2 daily shifts

€×10⁶



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Ineos Hambach (FR)

HAMBACH

LWB SW GRENADIER Station Wagon
XLWB PU GRENADIER Pick-Up

26 months
03/2021 – 04/2023

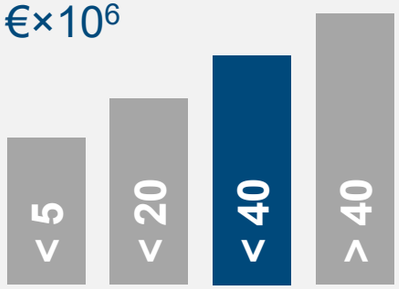
Complete Body Shop
Underbody, Side Panels, Framing, HOP, Finish

CT 301 s
10 JPH

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- SE planning
- mechanical and electrical re-design of complete body shop
- brownfield - integration into existing lines + new supply (20%)
- high technology (ALU spot welding, SPR self-pierce riveting, roller hemming)
- 280 robots

€×10^6



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Rolls Royce (DE)

UNTERHOLERAU

RR21, RR22 Ghost

24 months
10/2017 – 10/2019

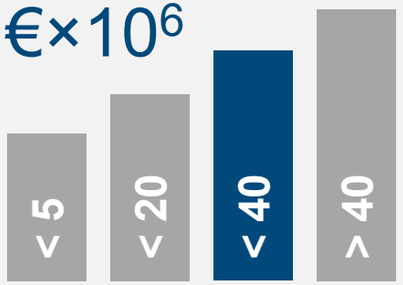
Main Lines incl. Subassemblies – Integration
Doors, Side Panels – Greenfield

CT 13 min.

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- integration
- glue application, Handling, Riveting, Laser welding, Hemming
- 100+ robots

€×10⁶



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Jaguar Land Rover (SK)

NITRA

32 months
01/2017 – 08/2019

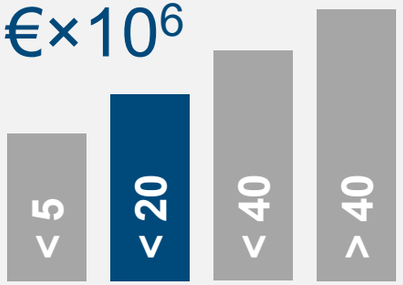
JPH 34

- greenfield

New Defender, Discovery

Trim and Final
Paint Shop Bridge
Water Test

Project Management
Concept Planning
Mechanical and Electrical Design
PLC Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support



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Vauxhall (UK)

LUTON

VIVARO

13 months
05/2018 – 06/2019

Front Floor (incl. subgroups)
Underbody Marriage (incl. subgroups)

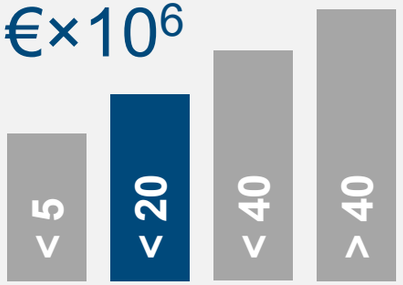
CT 133 s
21 JPH

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- greenfield project
- 107 robots

VAUXHALL

€×10^6



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Läpple (DE)

TEUBLITZ

DAIMLER BR223
Mercedes S Class

18 months
04/2018 – 09/2019

Roof Line

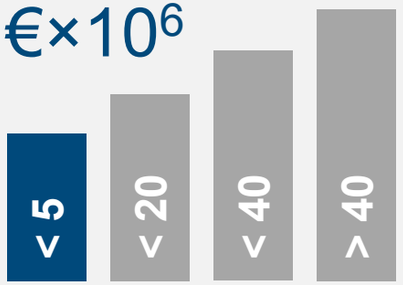
CT 130 s

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- greenfield
- remote laser
- spot welding, nut clinching, bolts welding

Mercedes-Benz

€×10⁶



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Magna (AT)

GRAZ

FISKER FM29

19 months
08/2021 – 03/2023

Body Lower Structure, Rocker, Header, Framer 1+2, Finish

CT 134 s

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

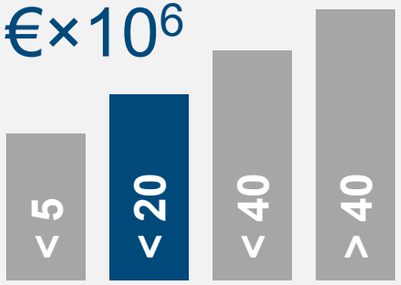
- new line + integration into existing lines

COMPANY PROFILE

REFERENCES

BiW

€×10^6



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Magna Cartech (CZ)

CESKE VELENICE

12 months
01/2022 – 01/2023

VW336 VW Tiguan

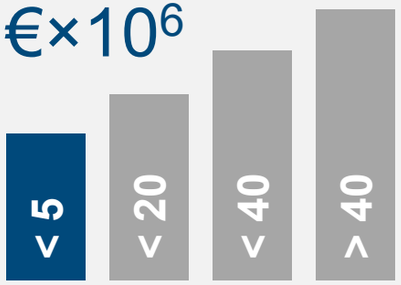
Rear Longitudinal Member

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support

- brownfield - integration into existing line
- integration during weekends and shutdowns

MIG/MAG welding
Spot welding
Sheet metal stamping

€×10⁶



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Tatra Trucks (CZ)

KOPRIVNICE

FORCE S + FIRE L

5 years
01/2026 – 01/2031

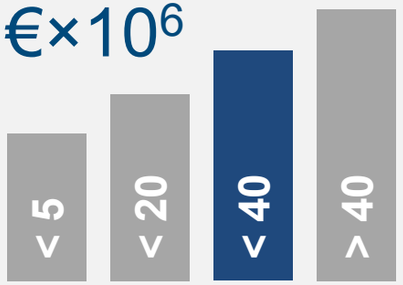
Cabin/Doors/Roof

2 JPS

Prototype and Serial Production
Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation
Own production hall in Prostějov (CZ)

- part logistics
- part production
- spot welding
- MIG/MAG welding
- weld nuts
- gluing

€×10⁶



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Krone Brüggen (DE)

HERZLAKE

Swap Body Floor Frame 4.0

12 months
01/2022– 01/2023

Floor Frame

CT 13,79 min

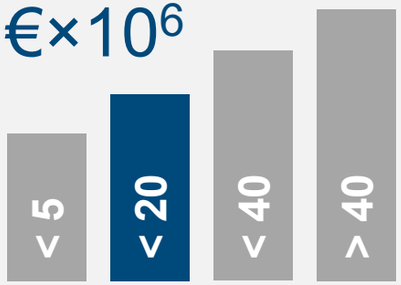
Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- greenfield
- 18 robots
- spot welding, MIG welding
- high technology (wire sense , I-Cube)

BRÜGGEN

KRONE
We Deliver the Future

€×10⁶



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RMMV (AT)

VIENNA

TG3

10 years
06/2021 – 06/2031

Roof + Roof Module

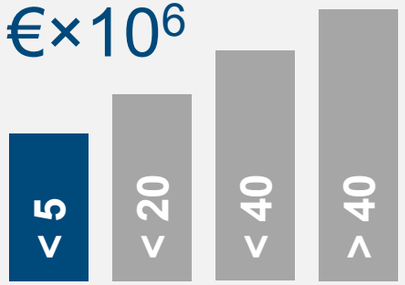
1 JPS

Prototype and Series Production
Project Management
Concept Planning
Mechanical and Electrical Design
Manufacturing and Assembly
Installation

- part logistics, spot welding, arc welding, KTL, painting

RHEINMETALL MAN MILITARY VEHICLES

€×10⁶



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RMMV (AT)

VIENNA

10 years
01/2023 – 01/2033

5 JPS

HX3

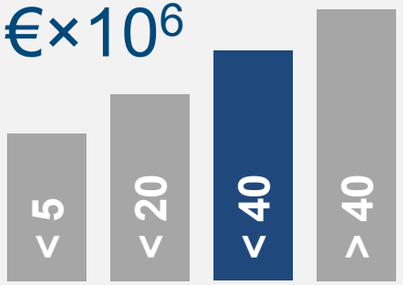
Cabin/Doors/Roof

Prototype and Series Production
Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation
Own production hall in Prostějov (CZ)

- part logistics, part production, spot welding, MIG welding, weld nuts , gluing, KTL, painting

RHEINMETALL MAN MILITARY VEHICLES

€×10⁶



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Pöttinger (AT)

GRIESKIRCHEN

JUMBO

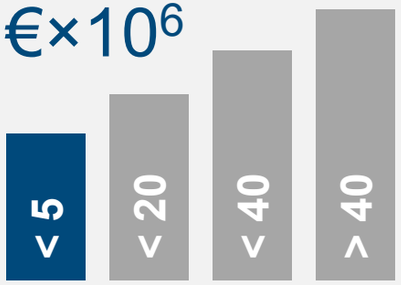
4 months
11/2019 – 03/2020

Welding Fixtures

Project Management
Concept Planning
Mechanical Design
Manufacturing and Assembly
Spare Parts Management and Aftersales Support

- 80+ welding fixtures

€×10⁶



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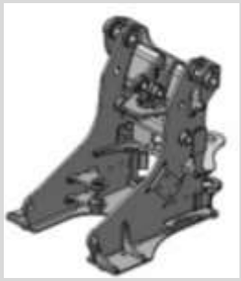
Bobcat (CZ)

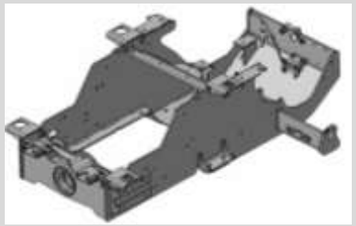
DOBŘÍŠ

9 months
07/2019 – 03/2020

Project K2

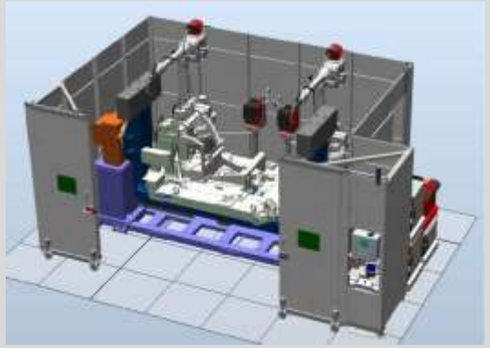


Welding Fixtures



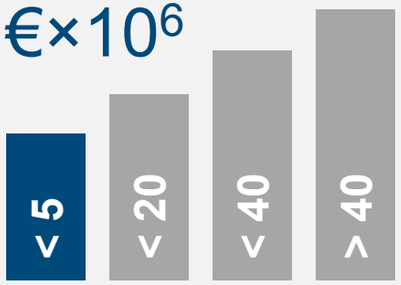
Project Management
Concept Planning
Mechanical and Electrical Design
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

- 13 welding fixtures



bobcat

€×10⁶



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Bobcat (CZ)

DOBŘÍŠ

06/2023 – 05/2024

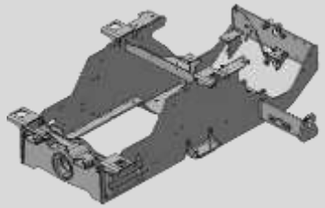
CT 92 min

Arc Welding
production cells

CWL

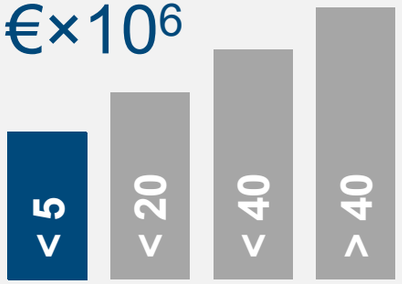
Front Frame
Rear Frame
Arm

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Installation and Production Support
Welding quality setup
Spare Parts Management and Aftersales Support



bobcat

€×10⁶



Bombardier (CZ)

ČESKÁ LÍPA

27 months
05/2018 – 07/2020

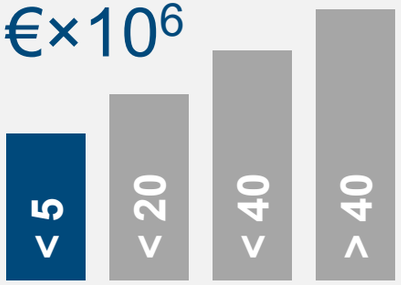
RER TOOL3

Train Floor – Welding Fixture

Project Management
Concept Planning
Mechanical and Electrical Design
PLC Programming
Manufacturing and Assembly
Installation and Production Support
Spare Parts Management and Aftersales Support

BOMBARDIER

€×10⁶



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Rohtech (DE)

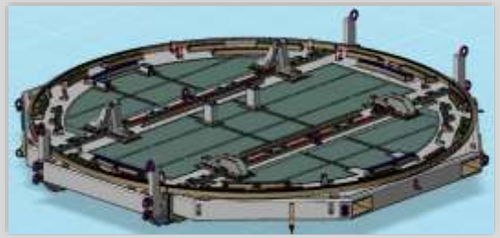
DECATUR - ALABAMA

Project Atlas Rocket (ULA)

18 months
03/2019 – 09/2020

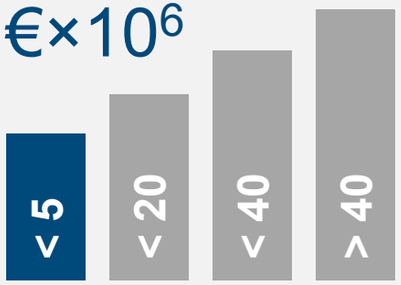
Assembly Fixture
Transport Fixture

Project Management
Manufacturing and Assembly
3D Measuring
Installation and Production Support in USA



RohTech

€×10⁶



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Broetje (DE)

SHANGHAI, USA

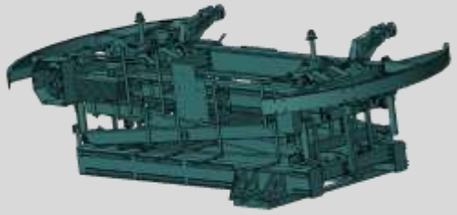
C919 COMAC China, Boeing

6 months
2016, 2017, 2018

Fuselage Assembly Jigs

Handling, manipulation fixtures for aircraft engine

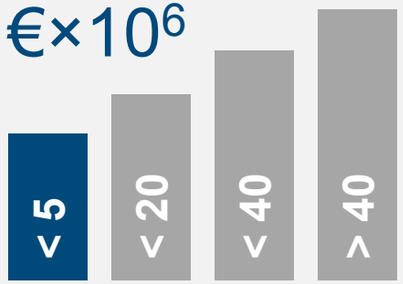
Project Management
Manufacturing and Assembly
Purchase parts
Measuring and testing



BROETJE AUTOMATION

COMAC

€×10⁶



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ERWEPA (DE)

NASHVILLE

14 months
01/2020 – 03/2021

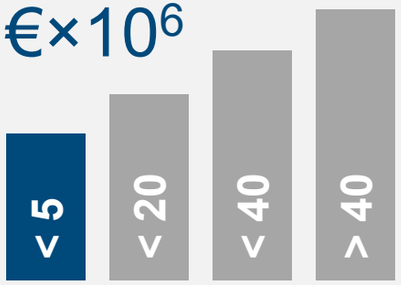
Splice Units – Working Line 17m

Printing Winder/Unwinder

Project Management
Manufacturing and Assembly
Purchasing
Testing Line in Assy Shop

ER·WE·PA DAVIS·STANDARD

€×10⁶



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Agrostroj (CZ)

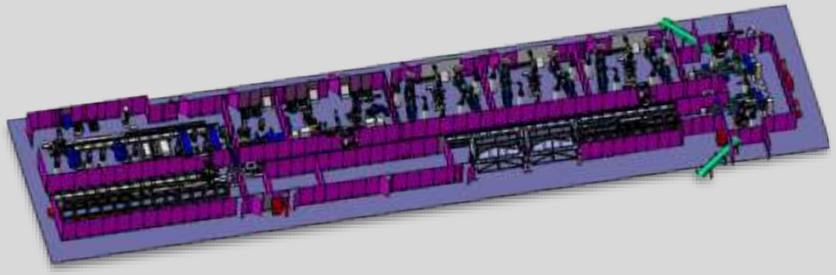
PELHRIMOV

15 months
02/2022 – 06/2023

Stoll_ProfiLine + Solid

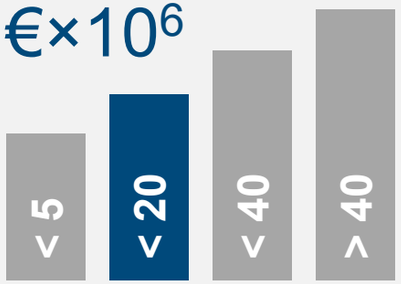
Automized Welding Line

Project Management
Concept Planning
Mechanical and Electrical Design
Simulation, PLC and Robot Programming
Manufacturing and Assembly
Debugging of Welding Technology
Installation and Production Support
Spare Parts Management and Aftersales Support



Agrostroj Pelhřimov

€×10⁶



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Contacts

COMPANY PROFILE

COMPANY FACTS

CAPABILITIES

PRODUCTS

COMPANIES

REFERENCES

CONTACTS

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