



Maximum Precision
From One Source



GMW

Plant Overview



GMW - Gersfelder Metallwaren GmbH



- Founded 1970 by Willi Pfeifer
- 100% Family owned
- Machining / Welding / Assembly / Bending
- **50 Mio. €** Turnover (2022)
- 250 Employees, Production expanse: 5.500 m²



Plant Gersfeld

GMW Romania S.R.L.



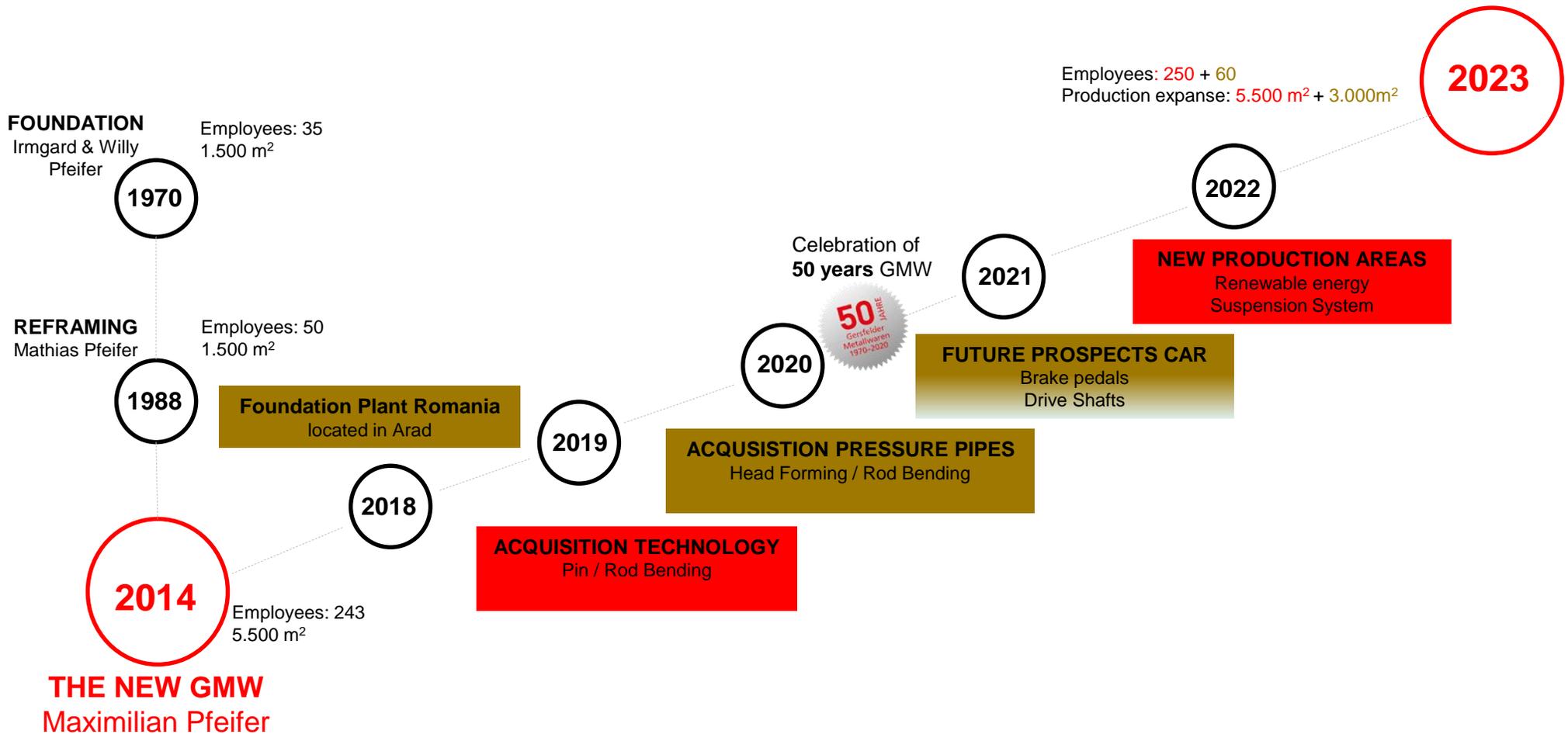
- Founded in 2018 by Maximilian Pfeifer
- Production Start March 2019
- Welding / Bending / Pressure Pipes
- **6,7 Mio. €** Turnover (2022)
- 60 Employees, Production expanse: 3.000 m²



Plant Arad

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Company History

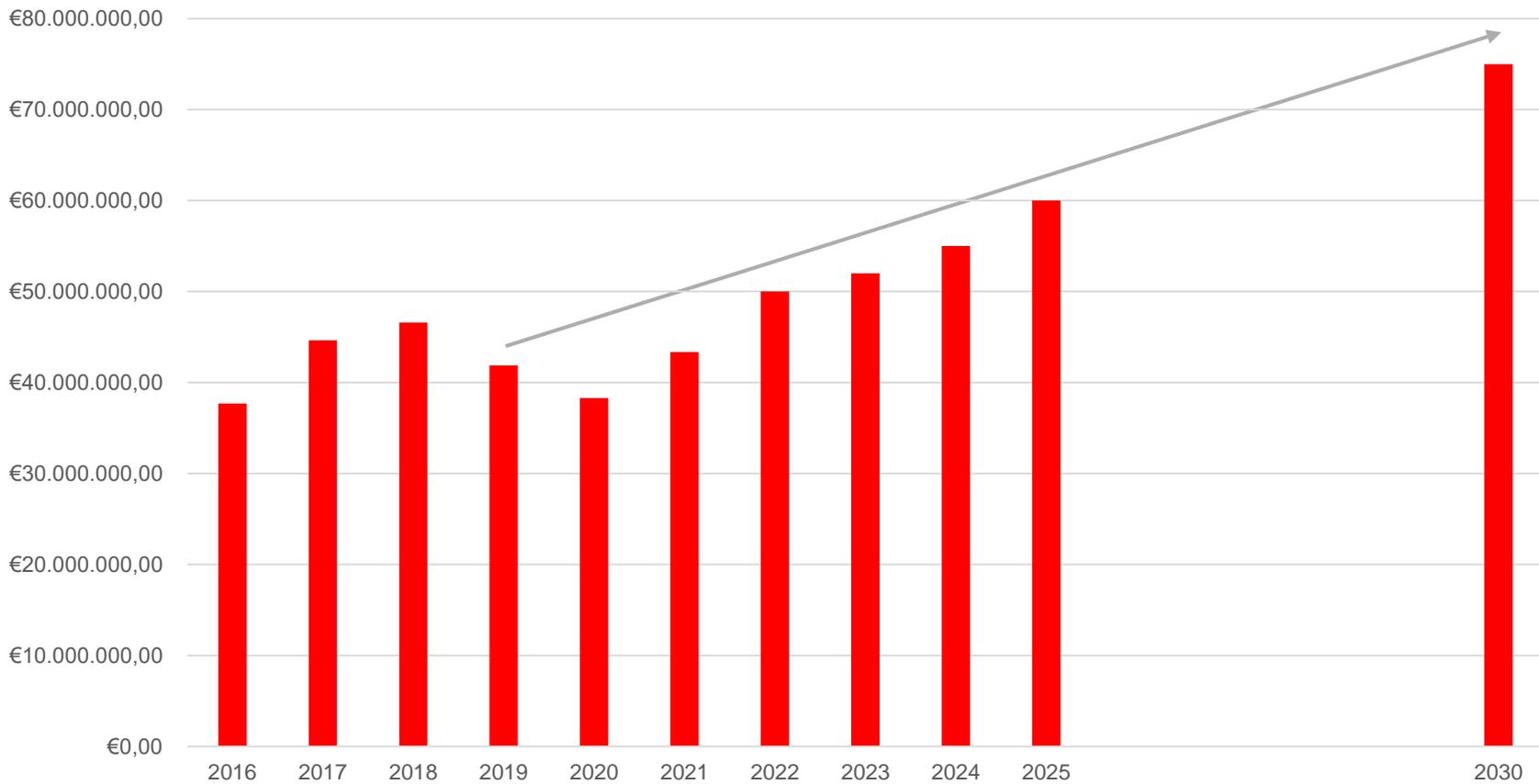


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Sales Trend

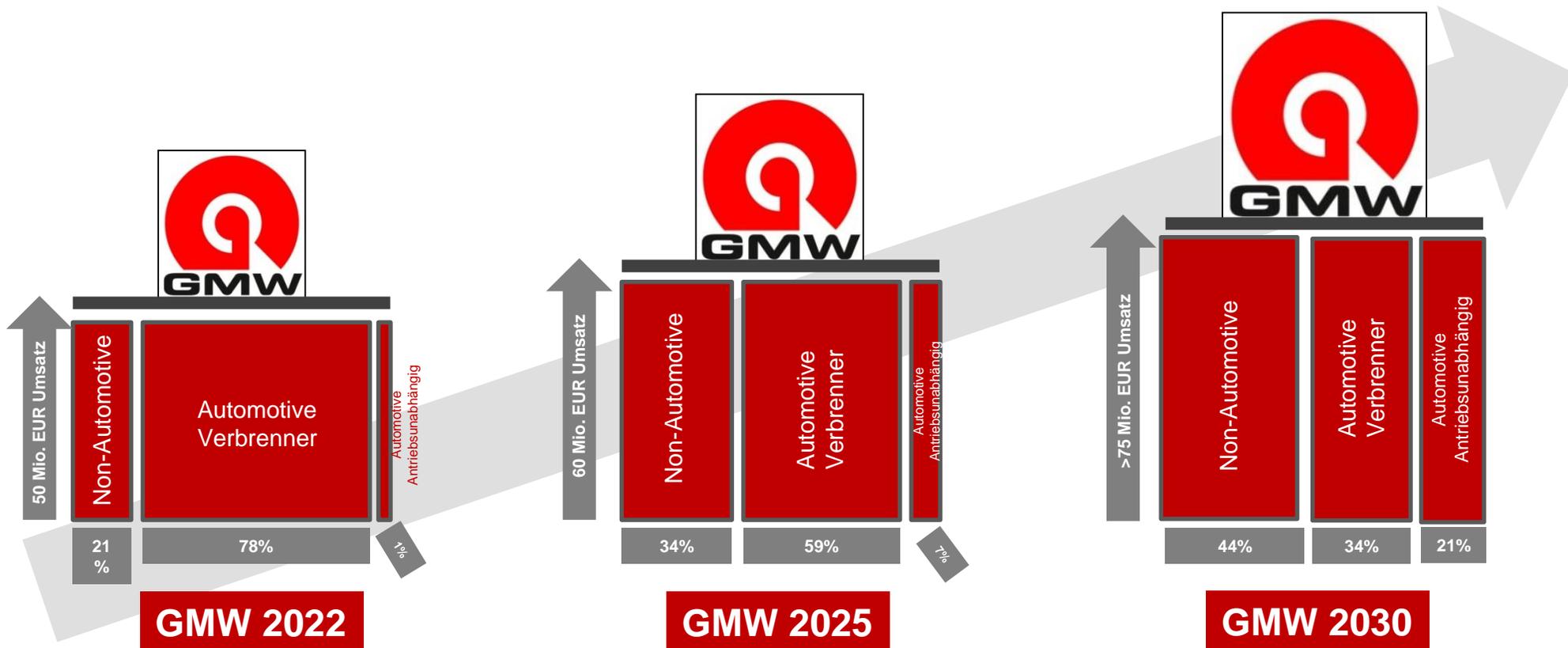


Sales Trend



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Sales Strategy



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Quality Management



CERTIFICATE

This is to certify that

Gersfelder Metallwaren GmbH
Am Pfört 14
36129 Gersfeld/Rhön

has implemented and maintains a **Quality Management System**

Scope:
Production of precision turned and wire bending parts as well as complete welded parts and assemblies

Through an audit, documented in a report, it was verified that the system fulfills the requirements of the following standard:

ISO 9001 : 2008

Certificate registration no. 002718 QM08
Valid from 2015-03-02
Valid until 2018-03-02
Date of certification 2015-03-02

DQS GmbH
G. Blohsehmitt
Gisela Blohsehmitt
Managing Director

Accredited Body: DQS GmbH, August-Schanz-Strasse 21, 60433 Frankfurt

CERTIFICATE SUPPLEMENT

This is to certify that

Gersfelder Metallwaren GmbH
Am Pfört 14
36129 Gersfeld/Rhön

has implemented and maintains a **Quality Management System**

Scope:
Production of precision turned and wire bending parts as well as complete welded parts and assemblies for the automotive industry

Through an audit, documented in a report, it was verified that the system fulfills the requirements of the following standard:

**VDA 6, Part 1
4th Edition, updated 2010- Tangible Products -
(without product design)**

This certificate supplement is only valid in connection with DQS Certificate registration no. 002718 QM08. It confirms that the quality management system fulfills the requirements specified in VDA 6, Part 1, as those in ISO 9001:2008.

Certification decision 2015-03-02
This certificate is valid until 2018-03-01
Certificate registration no. 002718 A1
VDA QMC No. 0002774
Frankfurt am Main, Germany 2015-03-02

DQS GmbH
G. Blohsehmitt
Gisela Blohsehmitt
Managing Director

Certification Body: DQS GmbH, August-Schanz-Strasse 21, 60433 Frankfurt am Main
Approved by Verband der Automobilindustrie e.V. (VDA) / Z.Nr. 08-QMC-4.1

CERTIFICATE

This is to certify that

Gersfelder Metallwaren GmbH
Am Pfört 14
36129 Gersfeld (Rhön)
Germany

has implemented and maintains a **Quality Management System**.

Scope:
Manufacturing of precision turned and wire bending parts as well as complete welded parts and assemblies

An audit, conducted and documented in a report, has verified that this quality management system fulfills the requirements of the following International Automotive Standard:

IATF 16949:2016
(without product design)

Certificate registration no. 002718 IATF16
Issuing date 2018-04-29
This certificate is valid until 2021-04-29
IATF No. 0302124

2-IAO-QMC-01001

For and on behalf of DQS

Stefan Heinrich
Stefan Heinrich
Managing Director, DQS GmbH

Michael Drechsel
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IATF Contact Office: DQS Holding GmbH, Konrad-Adenauer-Allee 8-10, 01113 Bld. V16a1, Germany
Issuing Office: DQS GmbH, August-Schanz-Strasse 21, 60433 Frankfurt am Main, Germany

GERSFELDER METALLWAREN GMBH (GROUP)



TISAX®

Excepted implementation 2024

GMW

Customer Portfolio



Automotive



Mercedes-Benz



Agriculture



Health Care



Robotics



Other Customer

RENK



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Sales Organization



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Product Portfolio

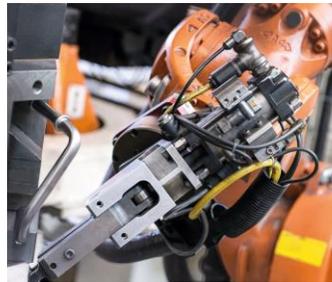


Machining



- turned parts
- milled parts
- grinded parts
- toothed parts
- vacated parts

Forming



- bent tubular and wire parts

Welding



- welded assemblies
- bent and welded assemblies

Assembling



- subassemblies

Toolmaking



- jigs for e.g.
 - welding
 - flattening
- gauges for e.g.
 - single part
 - assy part

 = GMW Gersfeld  = GMW Arad

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Technology - Machining



Turned parts

- lathes up to \varnothing 280mm and length up to 1.000 mm \rightarrow tolerance grade H7
- automatic lathes up to \varnothing 32 mm and length up to 4.000 mm produced with fixed and driven tools

Toothed parts

- internal & external toothing for subsequent processing steps on turned + milled parts
- \rightarrow annual production more than 1 mio parts

Milled parts

- machined on all sides in milling centres with fixed and driven tools
- machining space of $500 \times 400 \times 500$ mm with a four-axis set-up

Grinded parts

- grinded inner + outer diameters, flat surfaces or steps at $\pm 0.05 \mu\text{m}$



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Technology - Forming



Bent tubular & wire parts

- up to \varnothing 16 mm and length up to 2.500 mm
- simple bends to arc-in-arc bends (bend radius ratio of $B = 1 \times$)
- compressed and bent parts can be automatically combined using robot handling supplied to further process , such e.g. the flattening of a contact surface
- high strength material such as 1.4301 with a tensile strength of over 800 Mpa can be processed

Production of pressure pipes

- for measurements systems in cars
- with nut
- leakage testing
- head reduction possible
- diameter from 6 mm to 10 mm
- length up to 1000 mm
- annual production more than 0,5 mio assemblies



Bended pins / compressed pins for

- exhaust systems



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Technology - Welding



- spot welding, resistance welding and KE welding processes implemented
- welding technology WIG and MIG/MAG
- roboter welding for complex components
- for permanently connect connecting – use of inert gas welding with filler material

Production of rod / tubular Pins + Hanger Assy

- rod / tubular Pins + welding inhouse
- sheet metal external
- surface treatment external
- annual production more than 10 mio assemblies



Brake Pedals Welding

- in production since 2021
- annual production more than 0,5 mio brake pedals
- Stamping – Machining – Welding – 100% Inspection (EOL Test)



Production of pressure pipes

- for measurements systems in cars
- with nut or bushing and brackets
- leakage testing
- head reduction possible
- annual production more than 0,5 mio assemblies



assemblies for health care

- in production since 2020
- annual production more than 0,2 mio welding components



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Technology - Assembling



Valves

- in production since 2005
- annual production more than 1mio valves
- more than 30 variants in production

Boss/Bearing Assembly

- in production since 2019
- annual production more than 1mio assemblies
- 100% force/distance controlled

Rivet Assembly

- in production since 2021
- annual production more than 0,2mio assemblies

Subassemblies

- individual production cells are developed and automated based on project details
- integration of specified processes possible
- production is monitored thanks to integrated test stations
- Different Variants are feasible due to the use of simple auxiliary devices through to full automated production systems

Valves



Boss/Bearing Assembly



Rivet Assembly



Subassemblies



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Technology - Toolmaking



Device and tool construction

- one of GMW´s most essential strengths
- single parts are made with cost-effective tools
- mass production with more complex and robust tools
- tools constantly maintained and optimized
- quickly build of jigs for joining and testing as well as making modified tools for our production machines

Jigs for e. g.

- welding
- flattening



Gauges for e. g.

- single part
- assy part



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Technology - Process Development



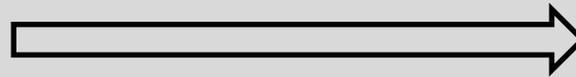
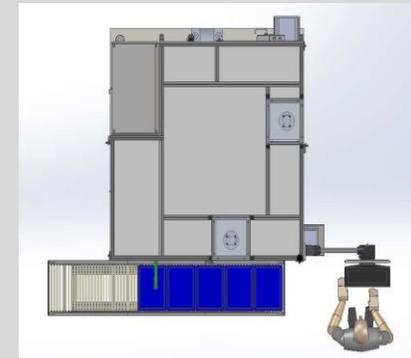
Assembly Machine -old-

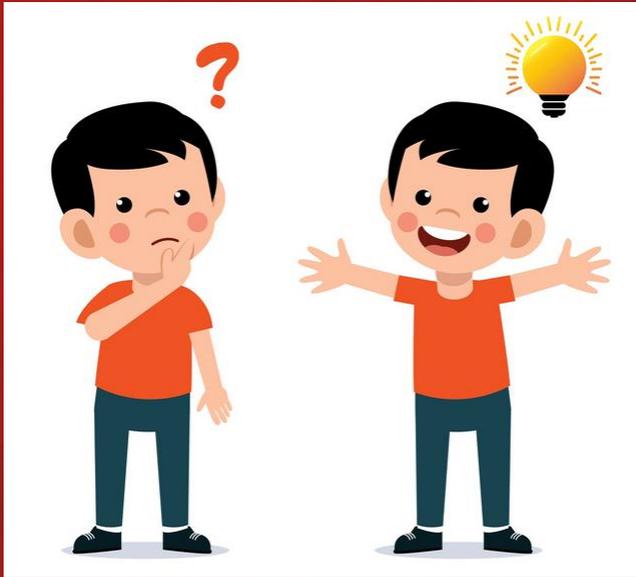
• simple device



Assembly Machine -new-

• fully automated device





Do you have any questions?

Then make your request!

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