

Gishner INC

Providing Human Values

Global Integration Solutions in Headway Networking and Enterprise Robots

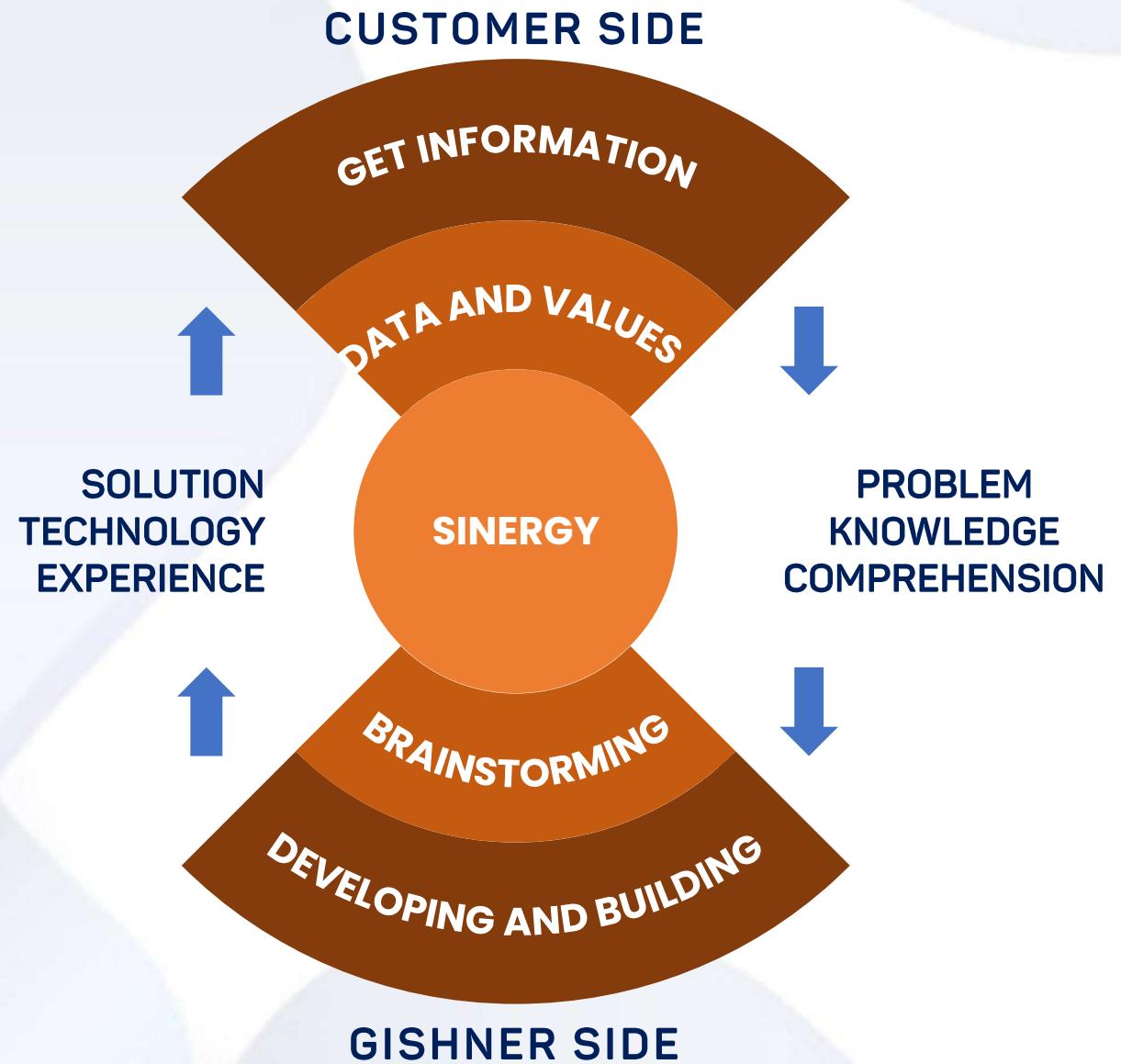
WHO WE ARE

We are a Company with creative base for developing engineering integral solutions in order to optimize production process of our customers. We have experience for more than 14 years in metalmechanic and automation industry.

Our commitment is "walking together" with our customers from the beginning to the ending of all projects.

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METODOLOGY



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OUR KEYS

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CREATIVE SOLUTIONS

Methods and alternative solutions for the problems of our clients.

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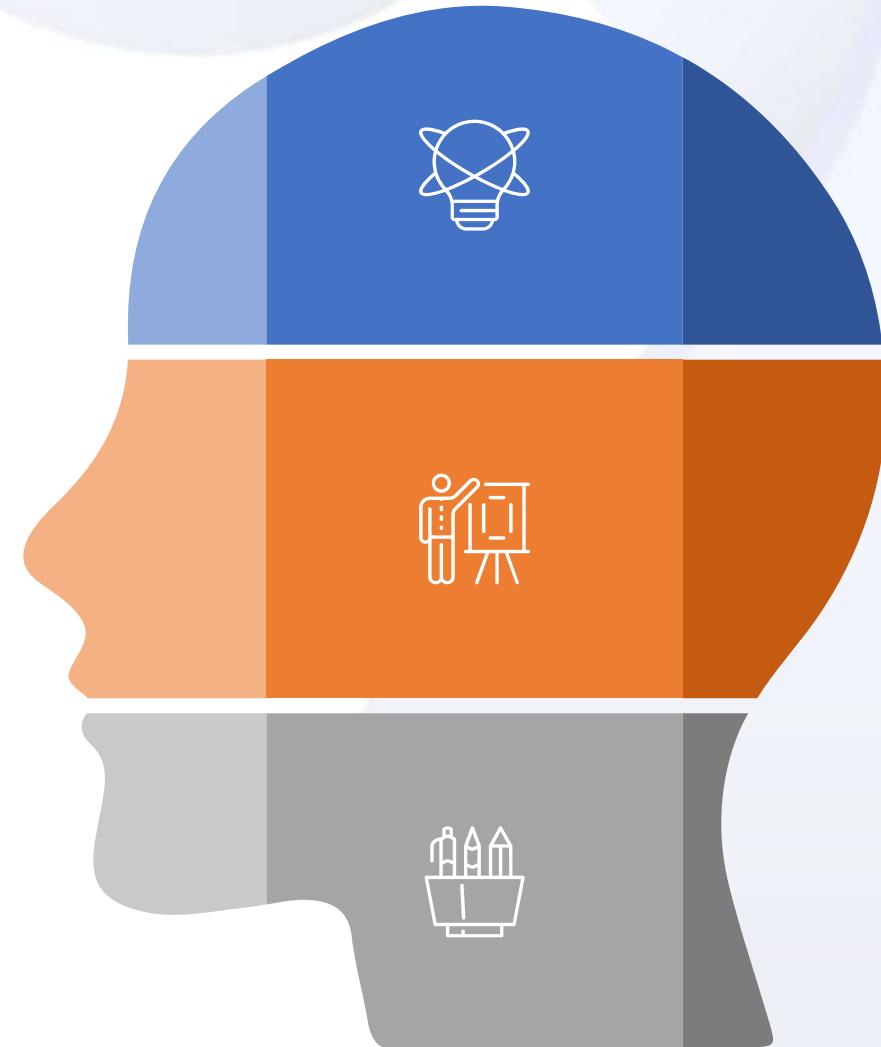
ACCOMPANIMENT

Project Management of clear and transparent projects with clients for the security of the progress of their projects.

3

QUALITY

"Premium" products with excellent finish on cutting surfaces, weld seams, surfaces machined and paint adhesion; as well as the integration of special components.



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OUR PRINCIPAL CUSTOMERS NUMBERS

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No. 11589

Kasai



No. 814593166

No. 6001021672

FRÄNKISCHE

No. 17415

NIfco

 **Nemak**
Innovative Lightweighting

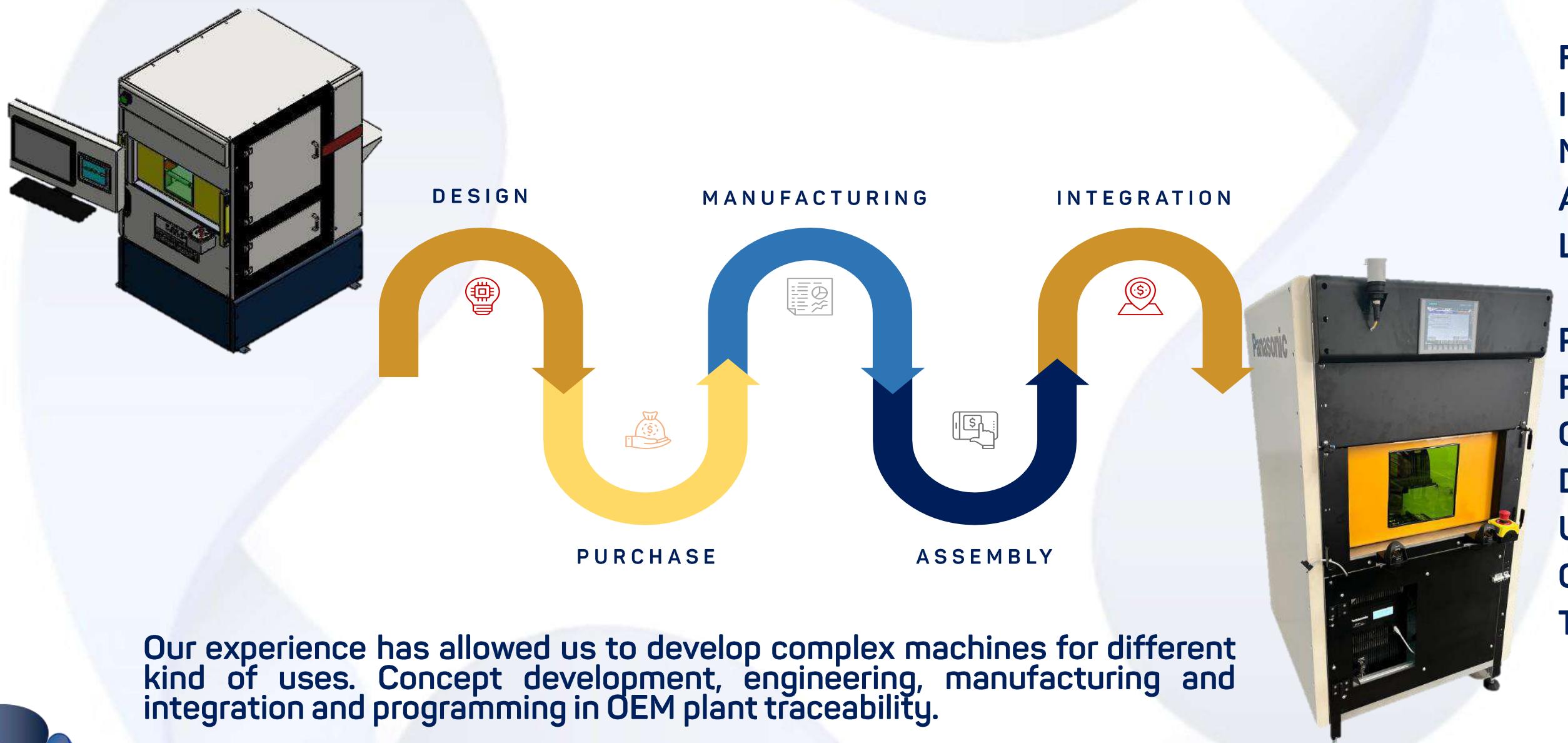
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STANLEY

No. 0578-001

Panasonic

DEVELOPMENT CYCLE



BUSINESS ALLIANCES



DAIHEN INC.

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BUSINESS ALLIANCES

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BUSINESS ALLIANCES



**Rockwell
Automation**



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MAIN FACILITIES



Circuito Logistics lote 5 y 6. Cerritos. Silao, Gto. México
CP. 36270



- Engineering Area
- Administrative Area
- Assembly Area
- Meeting Room

FACILITIES

INNOVATION FACILITIES



Blvd Jorge Vértiz Campero #1640. Fracciones Cañada de
Alfaro. León, Gto. México
CP. 37238



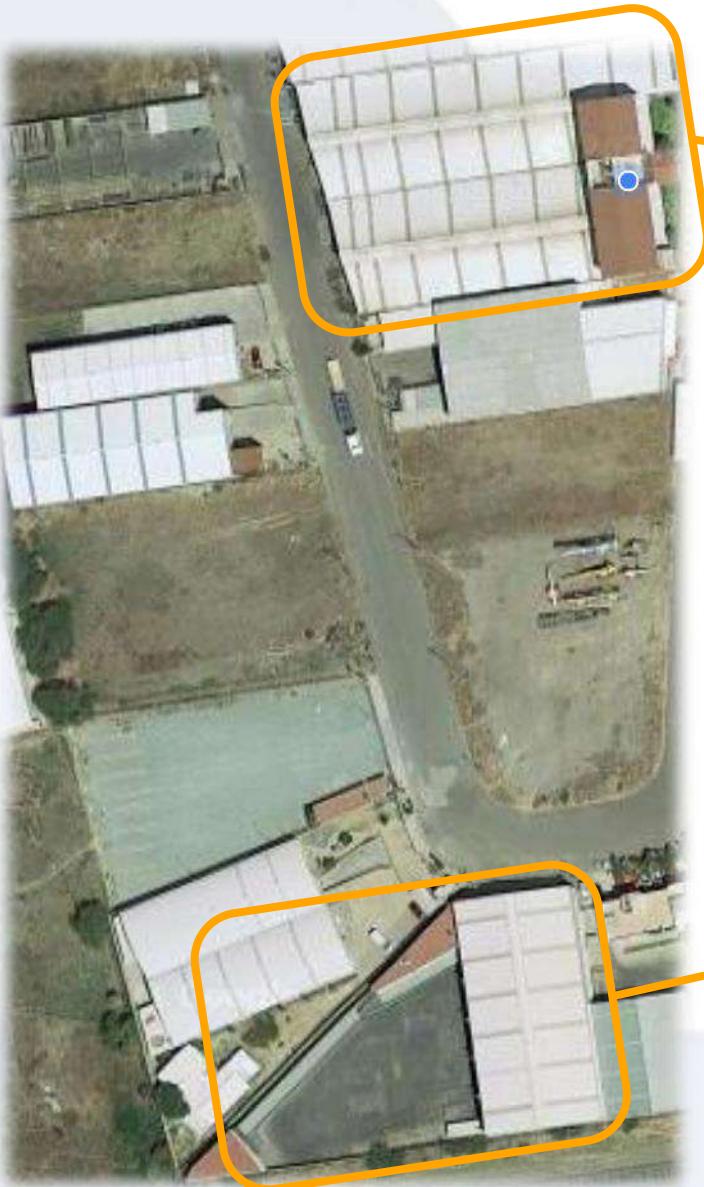
- 4.0 Industry Laboratory
- Engineering Office



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CAPABILITIES

OUR
INTEGRATION
AND
MANUFACTURING
AREA



11,000 m² for all
of our
manufacturing
process



3,000 m² space
for integration
and robotics
projects.

CAPABILITIES

LASER CUTTING



WATERJET CUTTING



CNC BENDING



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CAPABILITIES

CNC MACHINING



PROCESSES AND

MACHINES FOR

MANUFACTURING

CAPABILITIES

SHOT BLAST

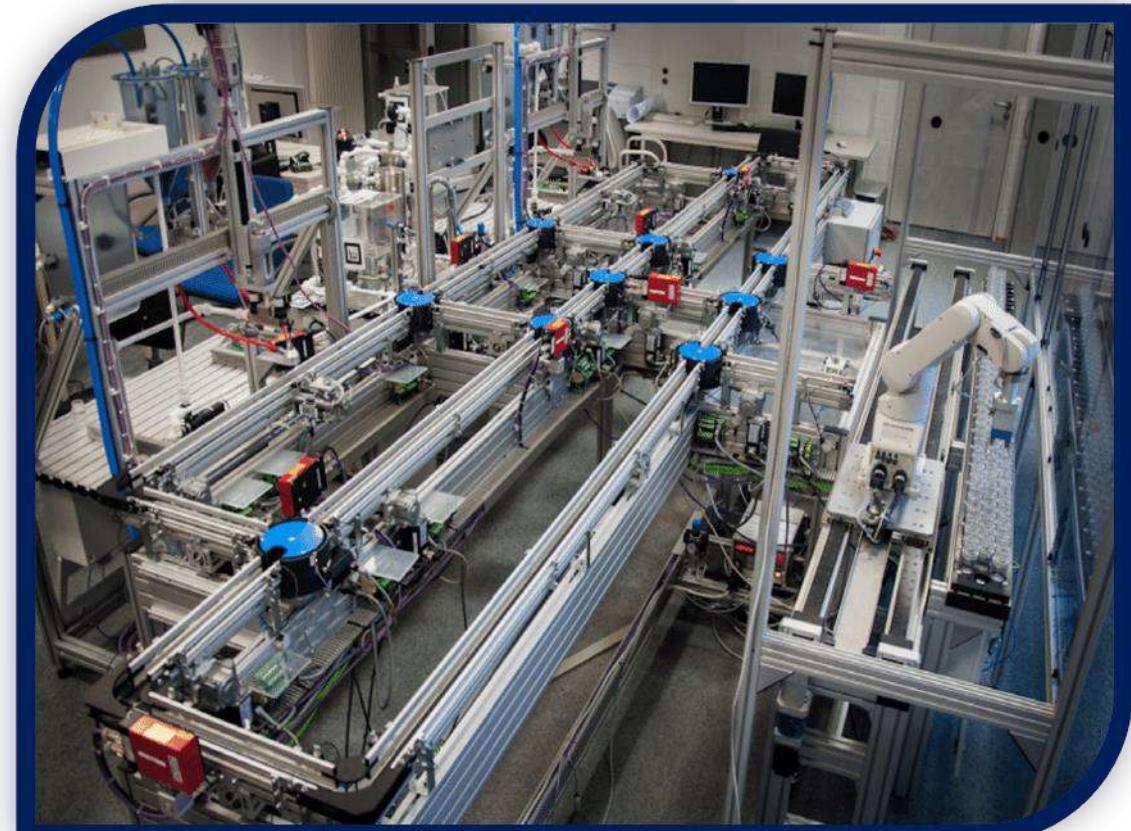


POWDER COATING

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TURN KEY



COMPLEX AUTOMATION

HARD AUTOMATION



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ROBOT RAIL

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ROBOT RAILS

- Mechanical Design
- Electrical Design
- Robot Simulation
- Motion Calculation
- Fabrication
- Integration



ROBOTICS PROCESS



ROBOTIC HANDLING PROCESS

- Mechanical Design
- Electrical Design
- Robot Simulation
- Fabrication
- Integration

ROBOTIC CUTTING PROCESS



ROBOTICS PROCESS



ROBOTIC WELDING PROCESS

- Mechanical Design
- Electrical Design
- Robot Simulation
- Fabrication
- Integration

ROBOTIC PICKING PROCESS



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CONVEYOR LINES



BELT CONVEYORS

- Mechanical Design
- Electrical Design
- Motion Calculation
- Fabrication
- Integration

SPECIAL CONVEYORS



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JIGS & FIXTURES

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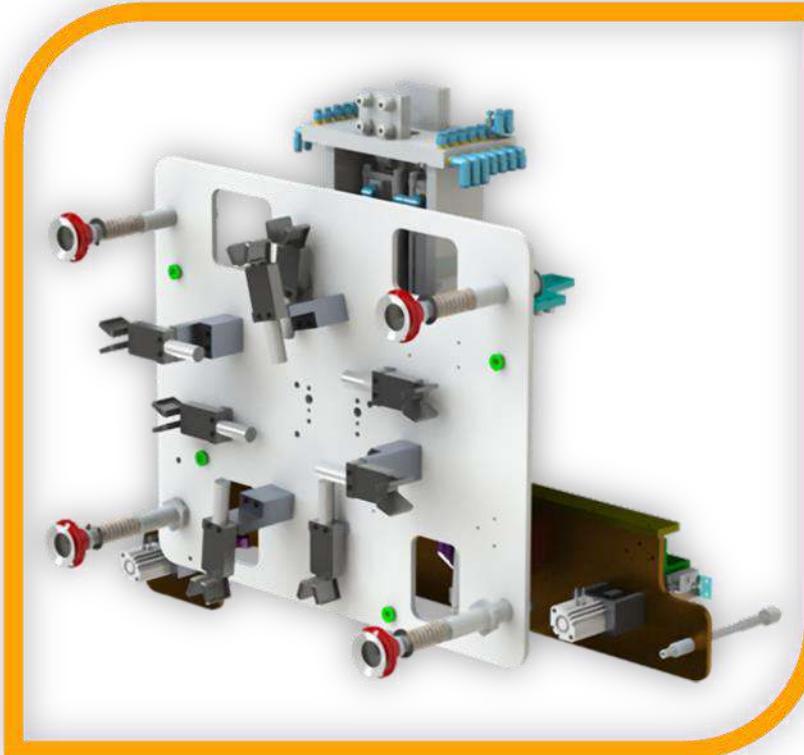
- Mechanical Design
- Electrical Design
- Robot Simulation
- Fabrication
- Integration

PNEUMATIC & ELECTRIC JIGS

EOAT's



END OF ARM TOOL FOR ROBOT

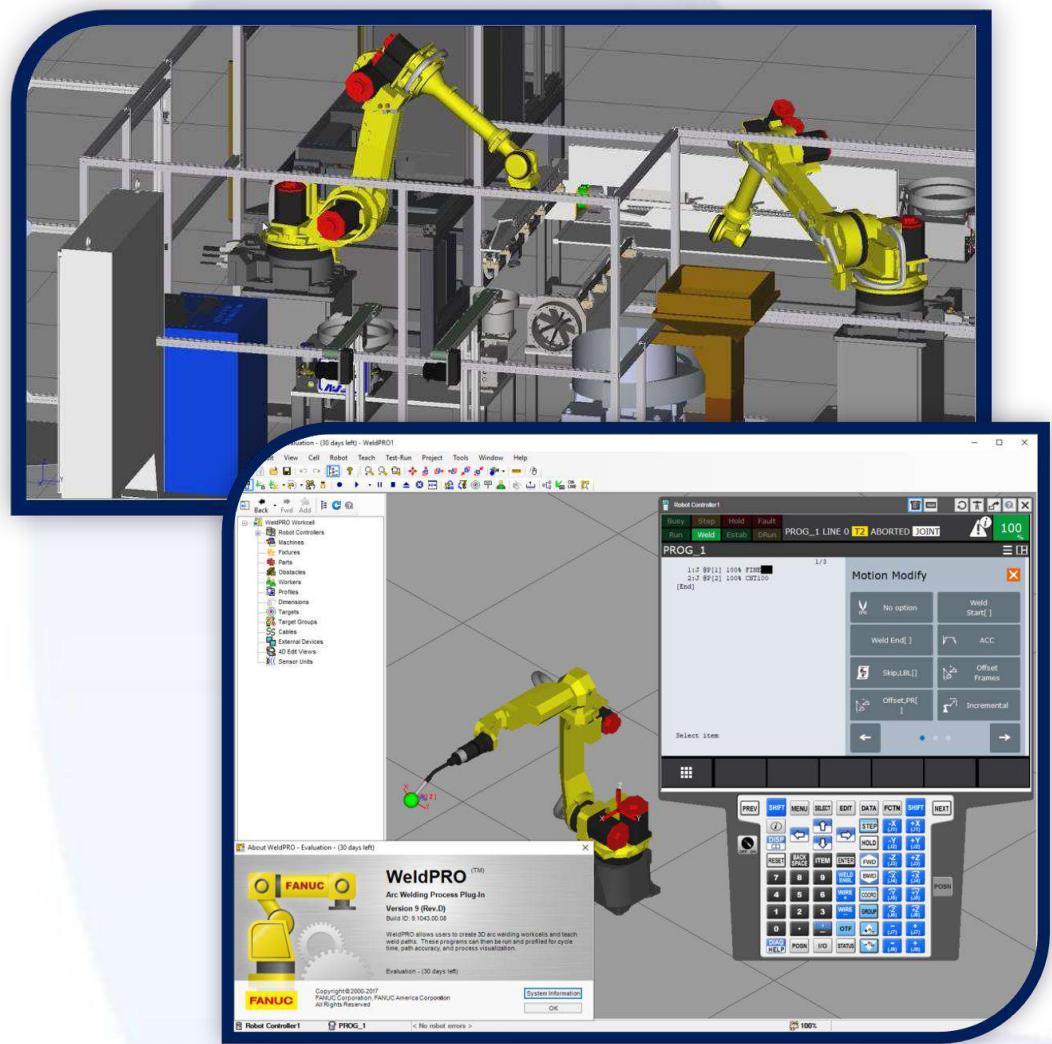


- Mechanical Design
- Electrical Design
- Robot Simulation
- Fabrication
- Integration



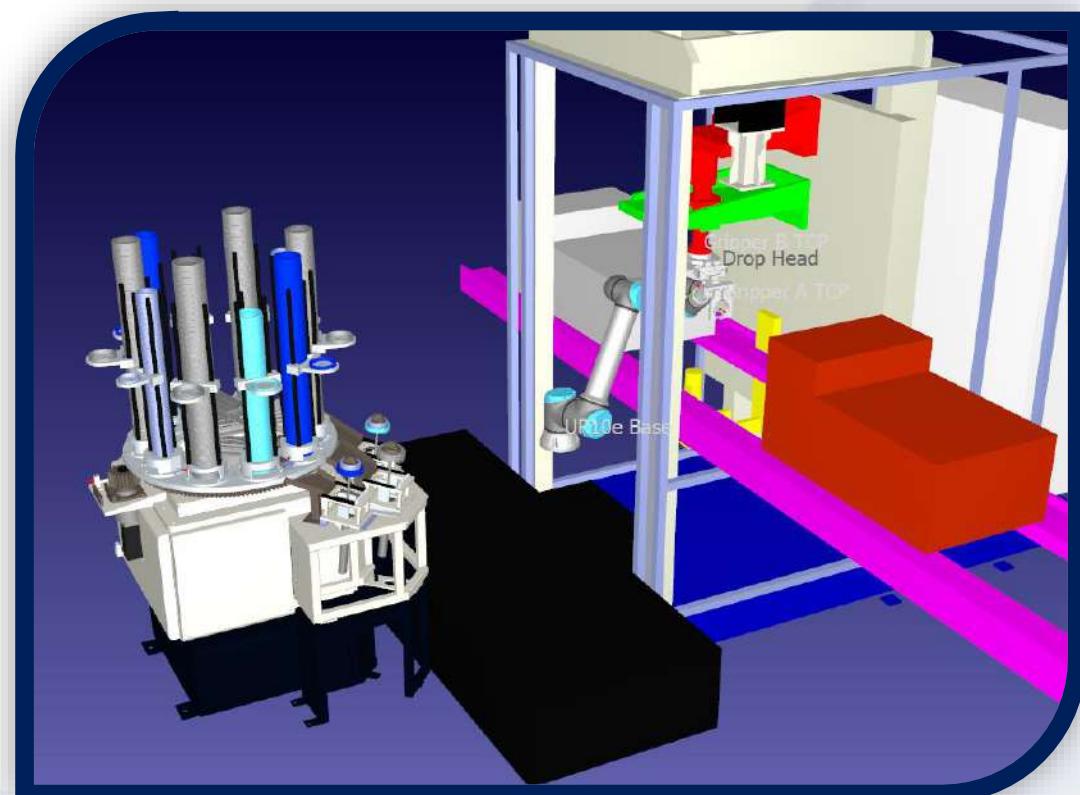
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ROBOT SIMULATION

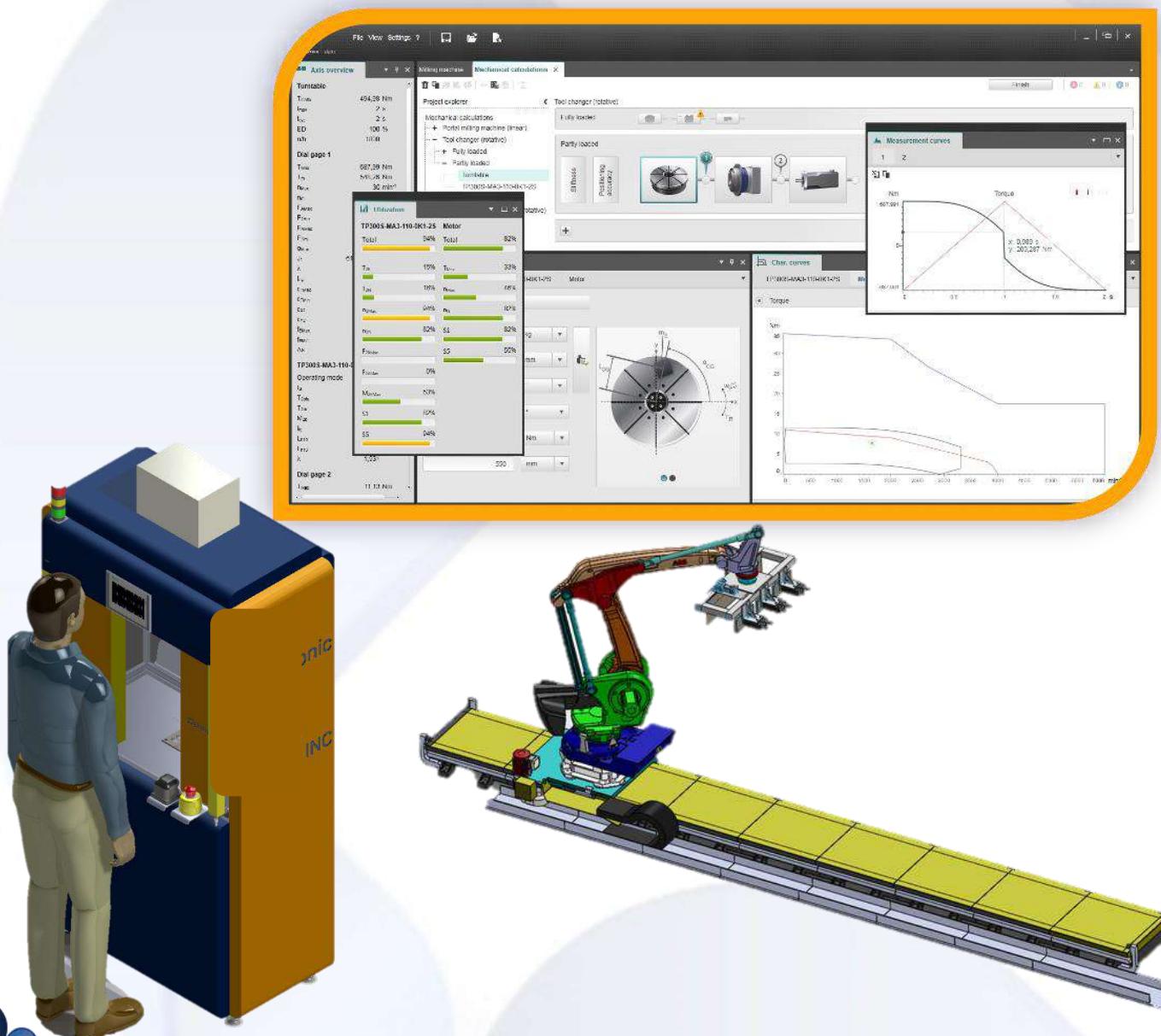


FANUC ROBOT SIMULATION

ROBO DK SIMULATION



3D DESIGN & CALCULATION



MECHANICAL DESIGN

- Solidworks Design
- Motion Calculation

Optimal Product Selection Tool

Calculation result: THK example DATE 05/24/2019

Select model No.	Calculation result
Type	HSR15A
Basic dynamic load rating (C) N	10,900
Basic static load rating (Co) N	15,700
Block width (BW) mm	47
Block length (BL) mm	56.6
Block height (BH) mm	24

Speed conditions

Horizontal use	Vertical use
Acceleration and deceleration time (tn) sec	0.125
Acceleration (a) m/s ²	2
Load coefficient (f _w)	1.2
Frequency of use (n)	...
Acceleration distance (STa) mm	15.625
Constant velocity distance (STc) mm	968.75
Deceleration distance (STD) mm	15.625

Conditions

Rail span (RS) mm	50	1	2	3
Block span (BS) mm	BS1	BS2	BS3	Mass (m) kg
Thrust position-Height (Br) mm	50	-	-	Mass position-Height (Gr) mm
Thrust position-Lateral (Bl) mm	80	-	-	Mass position-Longitudinal (Gx) mm
				200
				Mass position-Lateral (Gy) mm
				150

Mass conditions

Rail span (RS) mm	50	1	2	3
Block span (BS) mm	BS1	BS2	BS3	Mass (m) kg
Thrust position-Height (Br) mm	50	-	-	Mass position-Height (Gr) mm
Thrust position-Lateral (Bl) mm	80	-	-	Mass position-Longitudinal (Gx) mm
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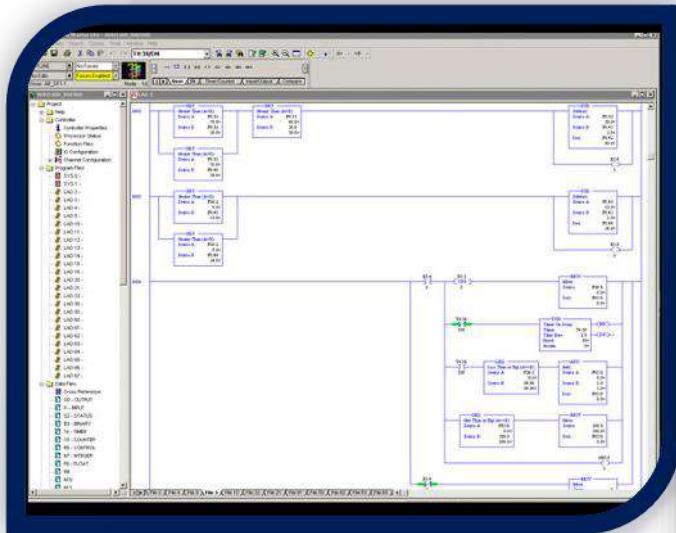
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INTEGRATION & PLC PROGRAMMING

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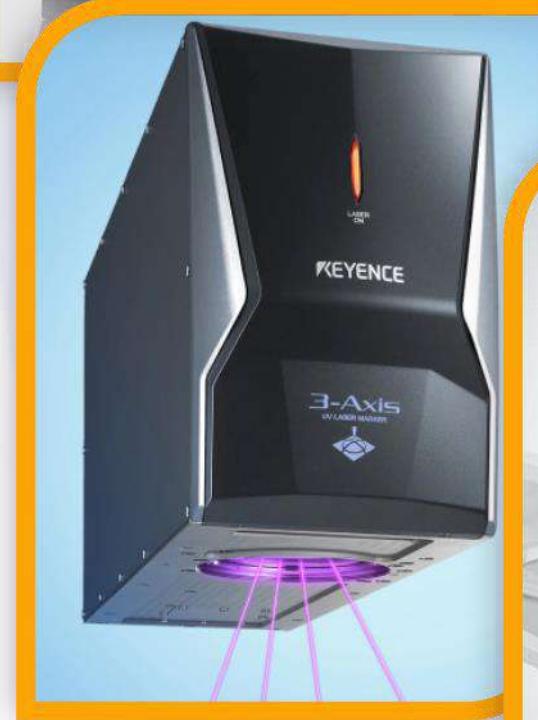
PLC PROGRAMMING

- Allen Bradley
- Siemens
- Omron
- Mitsubishi
- Delta
- Keyence

INTEGRATION

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SPECIFIC SYSTEMS

- Vision
- Laser Marker
- Metrology
- QR Readers
- Leak Test

MARKING LASER SOLUTIONS

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MARKING LASER MACHINES

- Panasonic Laser
- Telesis Laser
- Keyence Laser
- Integration in our customer's facilities with Traceability technology.
- Special design developed for the customer's parts.

MARKING LASER SOLUTIONS



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COBOTS SOLUTIONS

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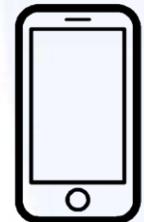


SALES CONTACT

"Technology is nothing. What's important is that you have faith in people, that they're basically good and smart, and if you give them tools, they'll do wonderful things with them." – Steve Jobs

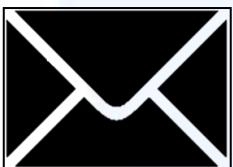


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CP. 36270



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