

# MR

**MANGANO**ROBOT  
ENGINEERING AUTOMATION SOLUTIONS



# SINCE 2006 WITH PASSION AND ENTHUSIASM

More than 15 years of dedicated passion and enthusiasm in the Industrial Automation field. Our technicians have vast experience in developing and providing solutions for large industrial production lines.

Our quality standards in Robot and PLC programming has led us to work with the biggest name in the industry such as [Kuka](#), [Abb](#), [Fanuc](#), [Comau](#), [Motoman](#) and [Kawasaki](#).



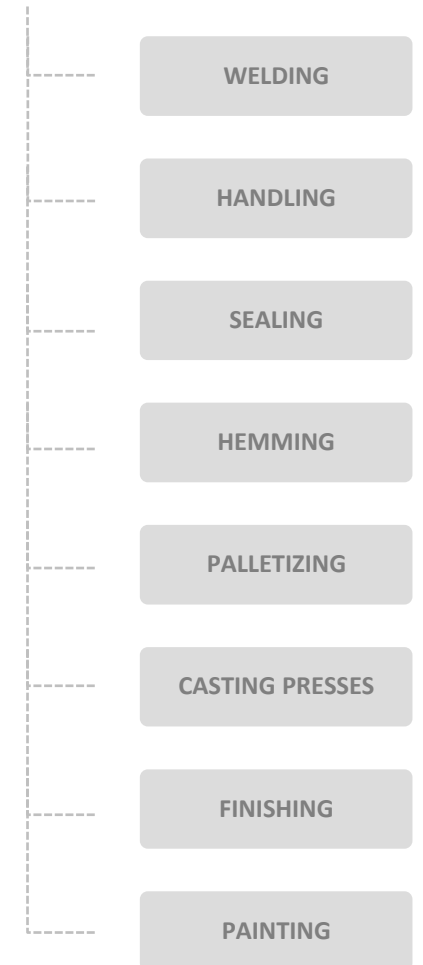
## Main Applications

for large industrial production lines

### We develop and provide solutions for large industrial production lines

The internal crew, supported by valid external collaborators, and always ready to keep abreast of permanently evolving new technologies, allow us to guarantee our customers a professionally working team for any operational requirements.

Our excellent knowledge of latest technologies related to production processes, allows us to minutely manage & control the handling of all resources needed; the timing and method of production as well as cost containment. In collaboration with design firms and qualified suppliers in mechanical and electrical construction, we can also provide a support service and comprehensive advice to small and medium-sized companies that want to increase their production by reducing operating costs.



## OUR VISION

To control the management of the necessary resources and the containment of costs by following the latest technology trends in the production processes.



## Efficiency, quality and reliability

Thanks to proven experience in various industries gained in the years by our crew of technicians, we are able to offer professional consulting in new or already existing industrial installations, such as the feasibility study and optimization of the production process, both during project phase and production phase.

Our objective, in all cases, is to improve the efficiency, quality and reliability of the various automated systems.



## OUR MISSION

To continue raising quality standards in developing and applying industrial solutions for the large production lines of industries across the world, with the collaboration of certified expert technicians.



# Manganorobot Worldwide

Our offices locations

Since 2006, we've been based in Turin, Italy. We strive to earn the trust placed in us by our clients and carry out projects that we are proud to present to the world.

We have operational offices in Atlanta, Belgrade and Bangkok. Together, they cover all aspects of business and develop with our technicians industrial solutions for the large production lines of industries all over the world.



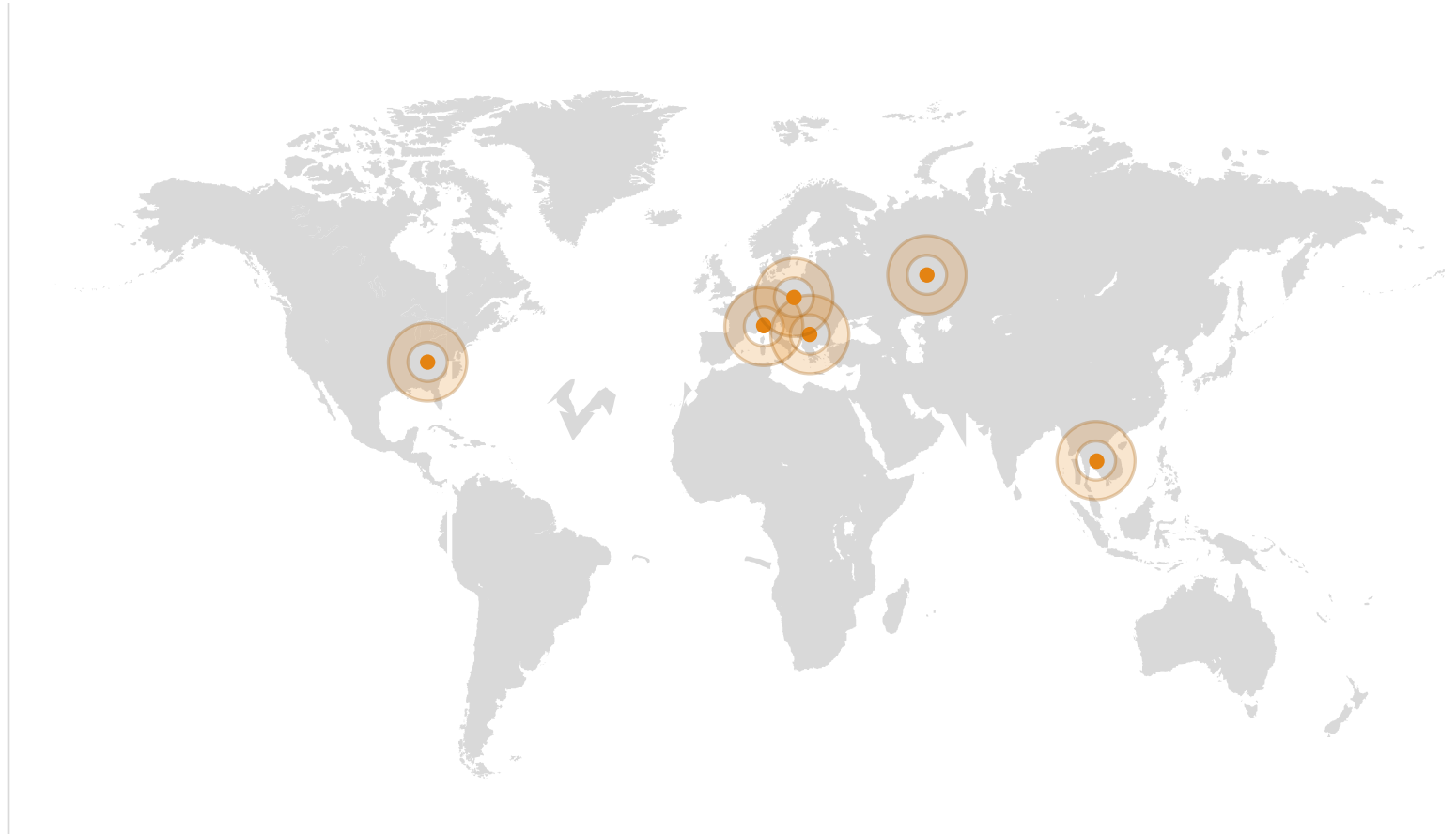
**50**

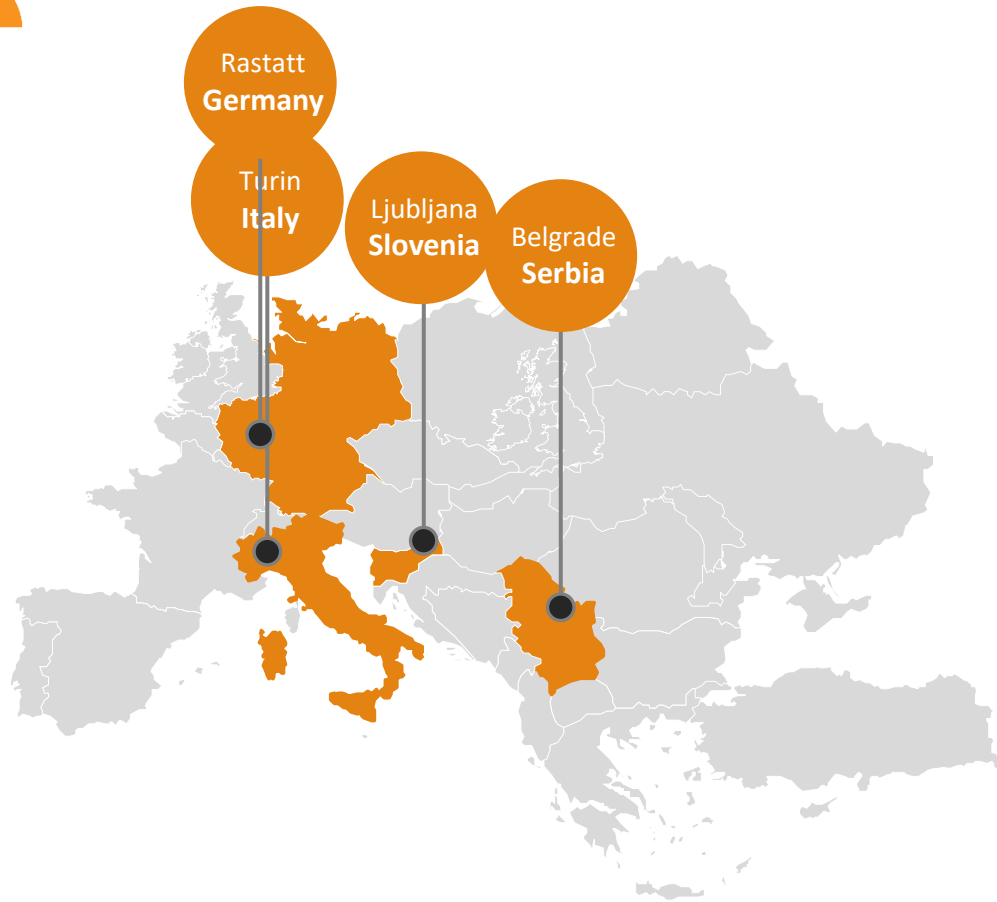
Robot programmers



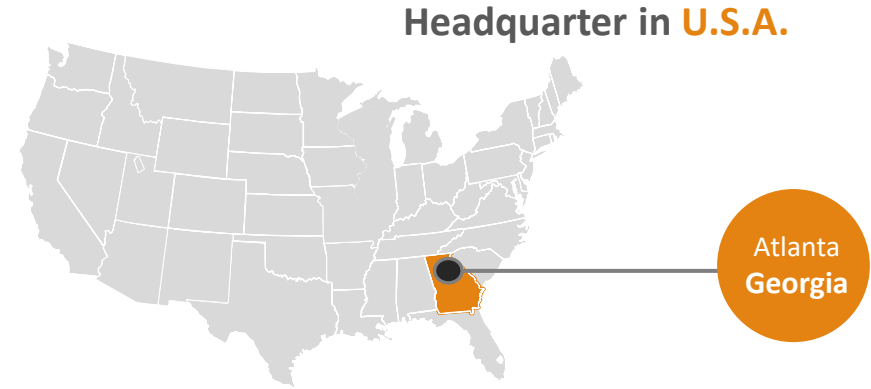
**20**

PLC programmers

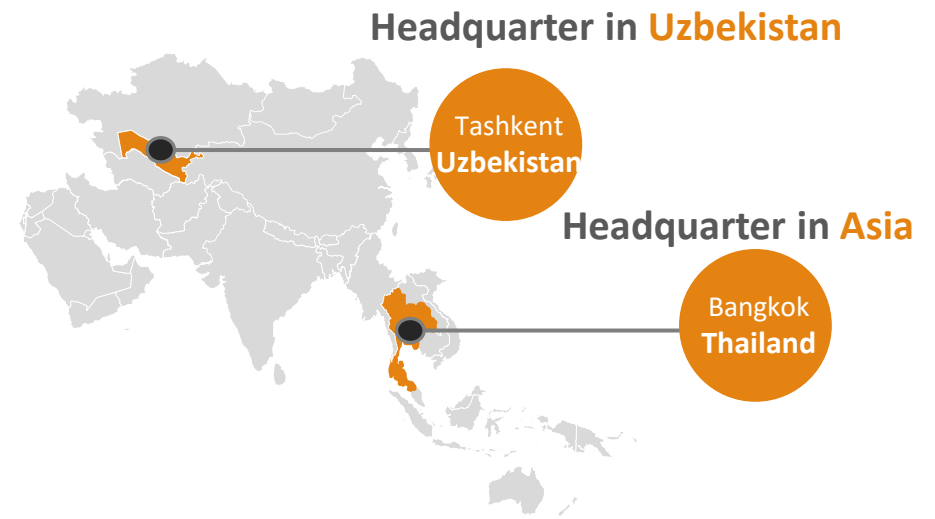




Headquarters in **Europe**



Headquarter in **U.S.A.**



Headquarter in **Uzbekistan**

Headquarter in **Asia**

# Our Customers

businesses across the globe



Our excellent knowledge of latest technologies related to production processes, allows us to minutely manage & control the handling of all resources needed; the timing and method of production as well as cost containment. In collaboration with design firms and qualified suppliers in mechanical and electrical construction, we can also provide a support service and comprehensive advice to small and medium-sized companies that want to increase their production by reducing operating costs

Trough our customer we provide our service the following Brands



Others brands that we provide our service trough our customer



## Our Partners

businesses across the globe



OnRobot product range features a wide assortment of tools for collaborative applications, including: electric and vacuum grippers, the award-winning Gecko gripping technology, force/torque sensors, a 2.5D vision system, screwdriver, sander kits and tool changers.



Vision Equipment have 20 years of experience in design and implementation of Machine vision system in the industry automation field and usage of industrial cameras. Together with VE, we can analyse your needs, make a cost-benefit analysis, for quality control inspection system, high accuracy measurement systems or fully automated systems based on a Machine vision.

## OEM Integrator

We sell and integrate



KUKA is a global supplier of intelligent automation solutions. KUKA offers its customers everything from a single source: from robots and cells to fully automated systems.



Siemens is global supplier for automation equipment. We sell and integrate solutions from Siemens on Serbian market.



## UNIVERSAL ROBOTS

Universal Robot is a leader in the global collaborative robot market. The company's robots help automate a number of plants in factories around the world, and the latest innovation of this company is the E series of robots! The E series of collaborative merchandise is characterized by fast setup, easy programming, flexibility, safe operation and fast cost-effectiveness.



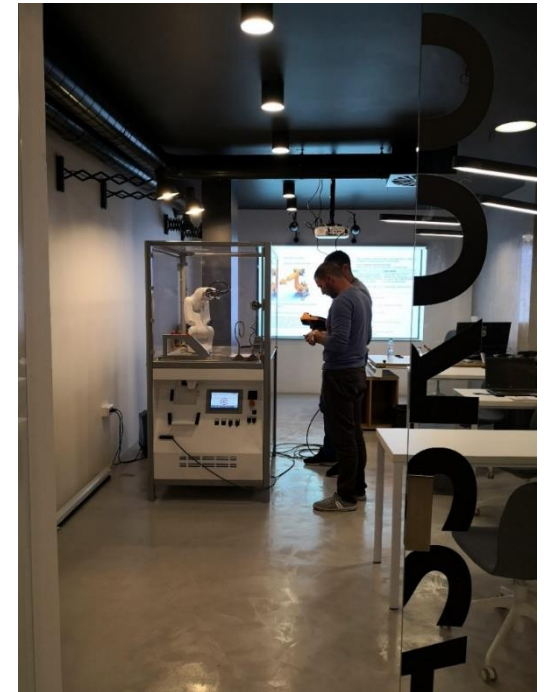
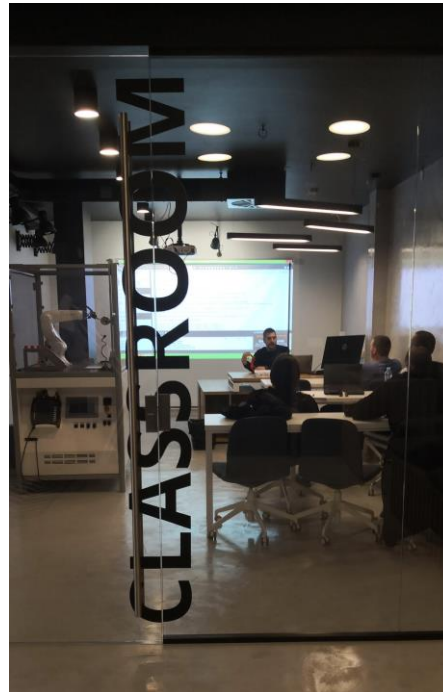
## Our **Activities** and Core **Services**

# Training center in Serbia

Unique in region

## Training center in Serbia

In our newly opened training centre, we educate future PLCs and robot developers. Our latest bought Kuka is ready to educate and train future robot programmers. This is a unique centre of its kind in the region.



# Worldwide services

## Robot and PLC programming

### Robot and PLC programming

Our core service is a robot and plc programming. We currently have 15 employee programmers ready to work on the project. Following the increased demand for highly-skilled programmers, we plan to expand our capacity of trained programmers in the next year for 20-25 programmers, educated in our new training centre.

### Cooperation with CMA Robotics

From June this year, we started representing of company CMA Robotics in Serbia. The plans were the sale, programming and installation of painting robots, and solutions in automation on Serbian market and region.



### Machine Vision systems

We have fully implemented Machine vision systems into our applications with Robots. Together with VE, we can analyse your needs, make a cost-benefit analysis, for quality control inspection system, high accuracy measurement systems or fully automated systems based on a Machine vision.



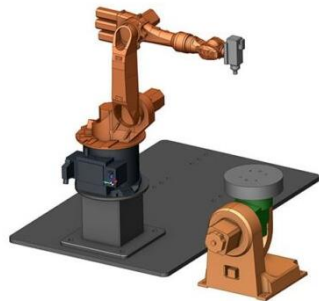
# Our Activities and Core Services Serbia and Slovenia

## KUKA OEM integrator

We have partnered with Kuka leading supplier of robotics as well as plant manufacturing and system technology and a pioneer in Industrie 4.0. Our activities go from selling and programming to the commissioning of Kuka robots and productions cells in Serbia and region.

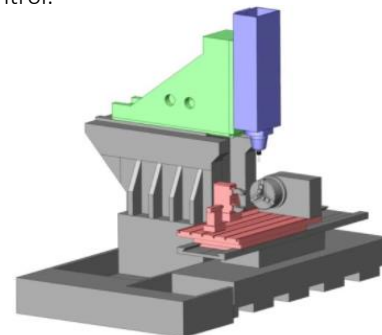
## SprutCAM

Manganorobot is certificated SprutCam reseller.



**SprutCam robot.** A single environment for the offline programming (OLP) of industrial robots. An efficient robot machining solution for the rapid creation of complex collision-free 3D movements in native 6 or more axes code (5 to 6 axis transformations are not required).

**SprutCAM** is CAD/CAM software featuring a streamlined workflow and comprehensive functionality. Compatible with any CNC machine: 3/4 and 5 axis Mill, Lathe, Mill-turn, Swiss, MTM, EDM. Toolpath calculation is performed taking into account full machine kinematics and limitations including collision avoidance and axis limits control.



## robot OnRobot partner

**OnRobot** product range features a wide assortment of tools for collaborative applications, including electric and vacuum grippers, the award-winning Gecko gripping technology, force/torque sensors, a 2.5D vision system, screwdriver, sander kits and tool changers.

## UNIVERSAL ROBOTS

**Universal Robot Certificated system integrator.**

Universal Robot is a leader in the global collaborative robot market. The company's robots help automate a number of plants in factories around the world, and the latest innovation of this company is the E series of robots! The E series of collaborative merchandise is characterized by fast setup, easy programming, flexibility, safe operation and fast cost-effectiveness.

# our References

We develop and provide solutions for industrial production lines

**2006**

*Customer*

MERCEDES  
FIAT  
DHL Air Hub

*Project*

Br204 W-S-X  
Fiat 500  
Logistic

*City*

Bremen  
Thicky  
Leipzig

*Country*

Germany  
Poland  
Germany

2006

**2007**

*Customer*

FIAT  
MERCEDES  
FORD  
IVECO  
FERRARI  
DHL Air Hub

*Project*

Fiat 500  
Br204 W-S-X  
B-Car 299  
Daily Van  
California F149  
Logistic

*City*

Thicky  
Bremen  
Koln  
Suzzara  
Calolziocorte  
Leipzig

*Country*

Poland  
Germany  
Germany  
Italy  
Italy  
Germany

2007

# our References

We develop and provide solutions for industrial production lines

**2008**

<i>Customer</i>	<i>Project</i>	<i>City</i>	<i>Country</i>
FERRARI	California F149	Calolziocorte	Italy
MERCEDES	E Klass	Sindelfingen	Germany
IVECO	Truck	Madrid	Spain
IVECO	Daily Van	Valalladolid	Spain
DHL Air Hub	Logistic	Leipzig	Germany

2008

**2009**

<i>Customer</i>	<i>Project</i>	<i>City</i>	<i>Country</i>
IVECO	Truck	Madrid	Spain
IVECO	Daily Van	Valalladolid	Spain
AUDI	B8 C7	Neckarsulm	Germany

2009

# our References

We develop and provide solutions for industrial production lines

**2010**

*Customer*

SAAB  
MERCEDES  
MERCEDES  
FIAT

*Project*

9-5  
Truck  
BR172  
BMPV 188-350

*City*

Trollhattan  
Worth am Rein  
Bremen  
Turin

*Country*

Sweden  
Germany  
Germany  
Italy

2010

**2011**

*Customer*

AUDI  
MERCEDES  
MERCEDES  
DHL Air Hub

*Project*

T99  
Br172  
B Klasse  
Logistic

*City*

Changchun  
Bremen  
Rastatt  
Shanghai

*Country*

China  
Germany  
Germany  
China

2011

# our References

We develop and provide solutions for industrial production lines

**2012**

<i>Customer</i>	<i>Project</i>	<i>City</i>	<i>Country</i>
AUDI	X77	Changchun	China
AUDI	X88	Changchun	China
AUDI	AU371	Foshan	China
WOLKSWAGEN	VW370	Foshan	China
DHL Air Hub	Logistic	Shanghai	China
AUDI	A3	Ingolstadt	Germany
PORSCHE	981	Zuffenhausen	Germany
PORSCHE	Panamera	Leipzig	Germany
MERCEDES	S Klasse	Sindelfingen	Germany

2012



# our References

We develop and provide solutions for industrial production lines

**2013**

<i>Customer</i>	<i>Project</i>	<i>City</i>	<i>Country</i>
AUDI	AU373	Foshan	China
WOLKSWAGEN	VW370	Foshan	China
PORSCHE	981	Zuffenhausen	Germany
PORSCHE	Panamera	Leipzig	Germany
MERCEDES	C Klasse	Sindelfingen	Germany
DEUTSCH POST	Logistics	Numberg	Germany
FORD	B-car	Valencia	Spain
IVECO	Ducato Van	Val di Sangro	Italy
IVECO	Ducato Van	Suzzara	Italy
3SUN	Solar panels	Catania	Italy
BMW	Mini	Born	Netherlands
CHRYSLER	Engine	Detroit	U.S.A.

2013

# our References

We develop and provide solutions for industrial production lines

**2014**

<i>Customer</i>	<i>Project</i>	<i>City</i>	<i>Country</i>
WOLKSWAGEN	VW370	Zwickau	Germany
WOLKSWAGEN	VW482	Zwickau	Germany
PORSCHE	981	Zuffenhausen	Germany
BMW	Series 2	Regensburg	Germany
BMW	Series 1	Dingolfin	Germany
MERCEDES	C Klasse	Bremen	Germany
MERCEDES	C Klasse	East London	South Africa
MERCEDES	E Klasse	Sindelfingen	Germany
CHRYSLER	Jeep Renegade	Pernambuco	Brazil
JAGUAR / LR	Discovery	Halewood	England
JAGUAR / LR	F series	Castle Bromwich	England
FIAT	Maintenance	Bursa	Turkey

2014

# our References

We develop and provide solutions for industrial production lines

**2015**

<i>Customer</i>	<i>Project</i>	<i>City</i>	<i>Country</i>
IVECO	SPP065	Valladolid	Spain
IVECO	DUCATO VAN	Suzzara	Italy
FFT	BR213Z1	Sindelfingen	Germany
PORSCHE	15268001	Stoccarda	Germany
PAS	LACK_HALLE20	Zwickau	Germany
PAS	W326	Kaluga	Russia
IVECO	DUCATO VAN	Val di Sangro	Italy
MERCEDES	C Klass	Bremen	Germany
NKE	E627	Cassino	Italy
IVECO	DUCATO VAN	Nembro	Italy
PAS	VW416CS	Ningbo	Cina
BMW	SERIE 1	Dingolfing	Germany
NKE	MIRAFIORI	Turin	Italy
ABB	FIAT	Argentina	Argentina
VMA	SCANIA	Sweden	Sweden

2015

# our References

We develop and provide solutions for industrial production lines

**2016**

<i>Customer</i>	<i>Project</i>	<i>City</i>	<i>Country</i>
IVECO	DUCATO VAN	Suzzara	Italy
FFT	BR213Z1	Sindelfingen	Germany
PAS	VW416CS	Ningbo	Cina
BMW	SERIE 1	Dingolfing	Germany
FORD	5/1/2016	Koln	Germany
VMA	SCANIA	Sweden	Sweden
MERCEDES	DWV_DE31-1602	Rastatt	Germany
RENAULT	4340031578	Bursa	Turkey
PAS	W326	Kaluga	Russia
DAIMLER	SOMMERBETR.	Dusseldorf	Germany
AUTO POLAND	A.27599	Tychy	Poland
PAS	BE01-A15/09008	Ghent	Belgium
VMA	VCG CMA V316	Ghent	Belgium
PERSICO	17904/C/2016	Cassino	Italy
COMAO	FIAT	India	India
MAGNA	MERCEDES	Pedrola	Spain
RENAULT	66/2018	Novo Mesto	Slovenia

2016

# our References

We develop and provide solutions for industrial production lines

**2017**

<i>Customer</i>	<i>Project</i>	<i>City</i>	<i>Country</i>
VOLVO	160080	Ghent	Belgium
AUDI	Q5B1F	USA	USA
MERCEDES	WV_DE31-1602	Rastatt	Germany
DAIMLER	SOMMERBETR.	Dusseldorf	Germany
VMA	SCANIA	Sweden	Sweden
VMA	V316-61H	Ghent	Belgium
PERSICO	17904/C/2016	Cassino	Italy
MAGNA	BMW	Heilbronn	Germany
MAGNA	MERCEDES	Salzgitter	Germany
PAS	AUDI	Zwickau	Germany
PAS	BE01-A16	Ghent	Belgium
IVECO	DUCATO VAN	Suzzara	Italy
FORD	09/2017	Saarlouis	Germany
PERSICO	FIAT	Mexico	Mexico
PAS	WV	Foshan	Cina
PAS	AUDI	Bratislava	Slovakia

2017

# our References

We develop and provide solutions for industrial production lines

**2017**

<i>Customer</i>	<i>Project</i>	<i>City</i>	<i>Country</i>
RENAULT	66/2018	Novo Mesto	Slovenia
PAS	BMW	Munich	Germany
CAP	WV	Chattanooga	USA
MERCEDES	5200204273	Vance	USA
FDR	WV	Chattanooga	USA

2017

**2018**

BMW	G0x	Spatanburg	USA
PAS	G20/G21	Munich	Germany
MERCEDES	MAF2	Keczkemet	Hungary
MERCEDES	MFA2	Kuppenheim	Germany
MERCEDES	MFA2	Chattanooga	USA
VW	Tiguan	Tianjin	China
Audi	Q2	Tianjin	China
MERCEDES	BR213	Nagold	Germany

# our References

We develop and provide solutions for industrial production lines

**2018**

<i>Customer</i>	<i>Project</i>	<i>City</i>	<i>Country</i>
RENAULT	66/2018	Novo Mesto	Slovenia
Comau	Porsche	Zuffenhausen	Germany
NKE	Porsche	Zuffenhausen	Germany
MERCEDES	Kamaz Truck	Naberežnye Čelny	Russia
MAN	Truck	Mühlacker	Germany

2017

**2019**

BMW	G0x	Spatanburg	USA
PAS	G0x	Munich	Germany
MERCEDES	MAF2	Keczkemet	Hungary
MERCEDES	MFA2	Kuppenheim	Germany
MERCEDES	MFA2	Chattanooga	USA
VW	Tiguan	Tijanjin	China
Audi	Q2	Tianjin	China
MERCEDES	BR213	Nagold	Germany

# our References

We develop and provide solutions for industrial production lines

**2020**

<i>Customer</i>	<i>Project</i>	<i>City</i>	<i>Country</i>
RENAULT	66/2018	Novo Mesto	Slovenia
Comau	Porsche	Zuffenhausen	Germany
NKE	Porsche	Zuffenhausen	Germany
MERCEDES	Kamaz Truck	Naberežnye Čelny	Russia
MAN	Truck	Mühlacker	Germany
BMW	G0x	Spatanburg	USA
PAS	G0x	Munich	Germany
MERCEDES	MAF2	Keczkemet	Hungary
VW	Tiguan	Tijanjin	China
Audi	Q2	Tianjin	China
MERCEDES	BR213	Nagold	Germany



## Serbia

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## Slovenia

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Phone: (+381) 64 1234522  
eMail: slovenia@manganorobot.com

