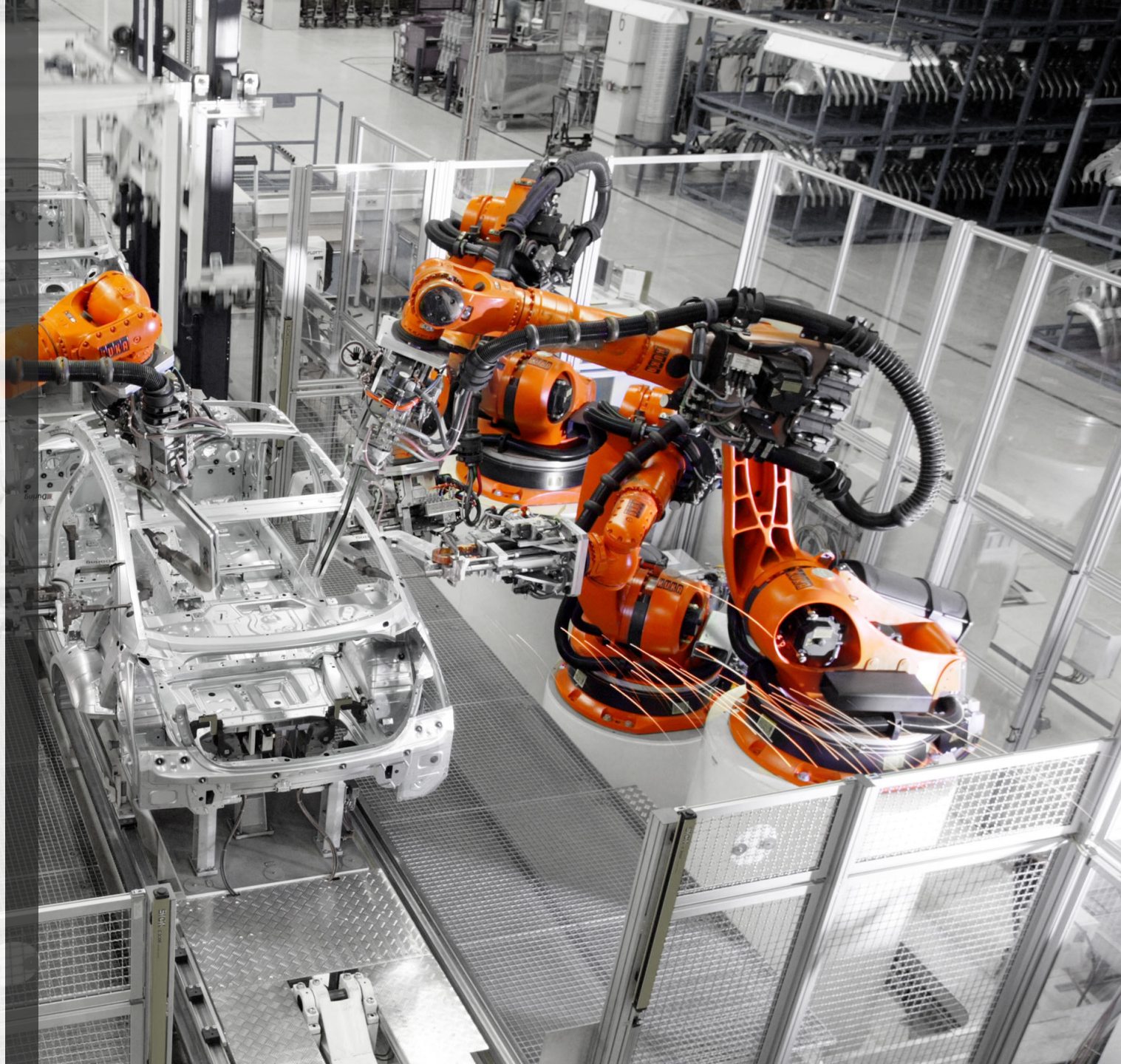


MR

MANGANOROBOT
ENGINEERING AUTOMATION SOLUTIONS



SINCE 2006 WITH PASSION AND ENTHUSIASM

Our technicians are able to perform Robot programming for the products of the leading brands of the industry as: Kuka, Abb, Fanuc, Comau, Motoman and Kawasaki and types of PLC such as **SIEMENS**, **ALLEN BRADLEY**, **SCHNEIDER**, **MITSUBISHI**, **TELEMECANIQUE**, **OMRON**.



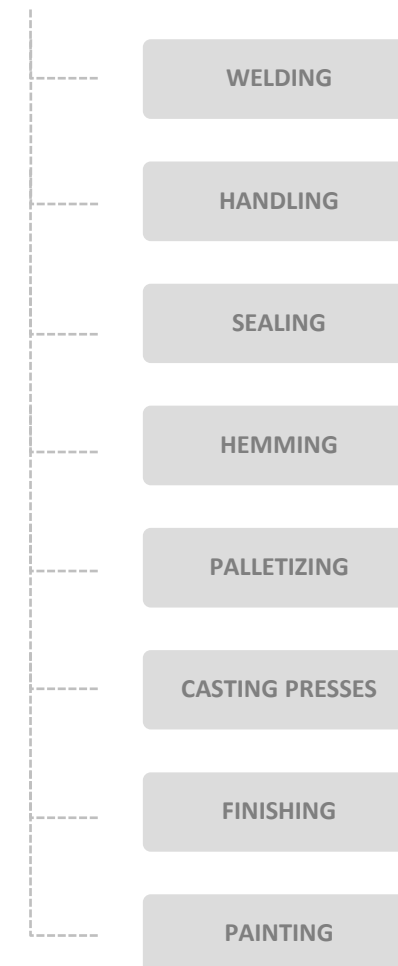
Main Applications

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

The knowledge of the technologies related to the production processes allows us to control the management of the necessary resources and the containment of costs.



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

Develop and apply industrial solutions for the large production lines of industries all over the world, with the collaboration of certified expert technicians.



Manganorobot is **Worldwide**

Our offices over the world

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, Rastatt, Tashkent, Ljubljana 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.



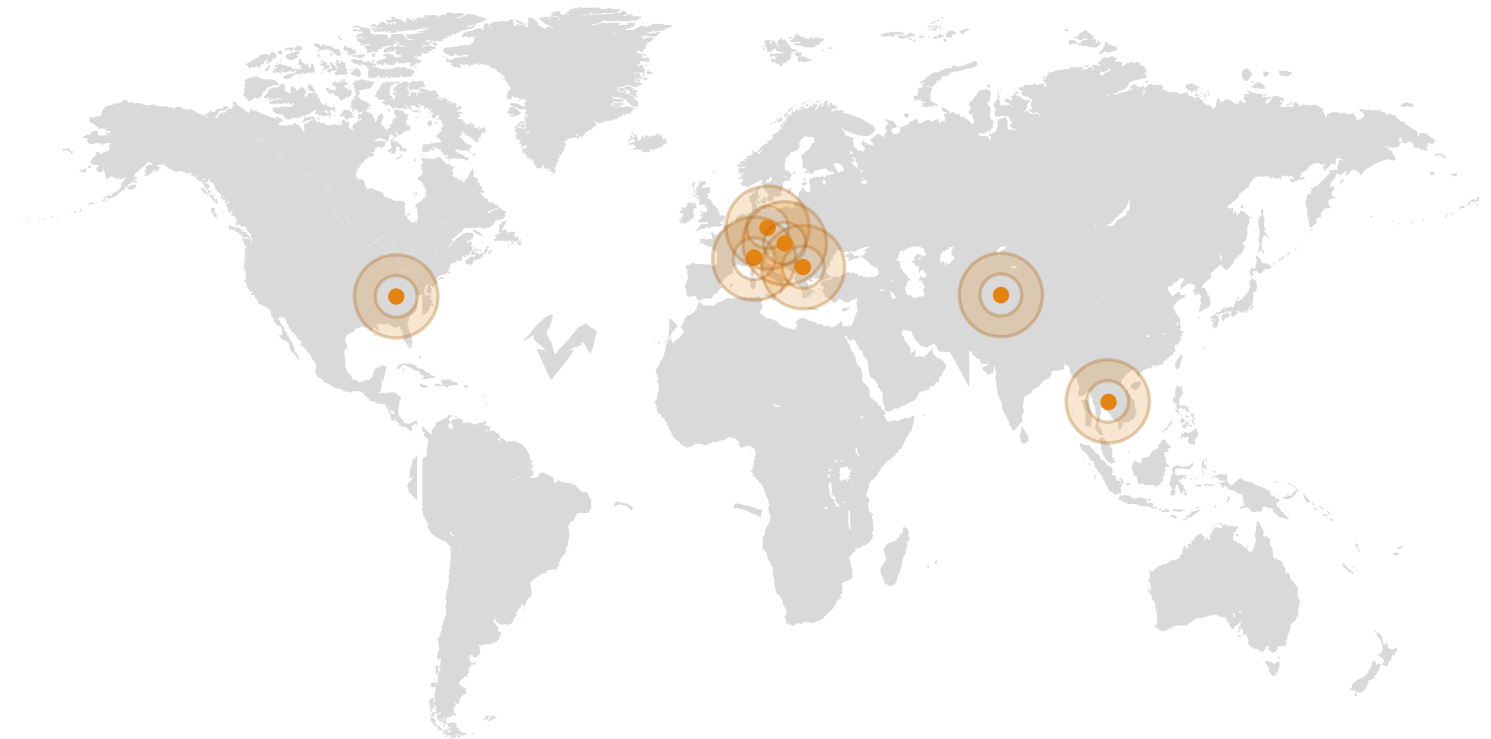
30

Robot programmers



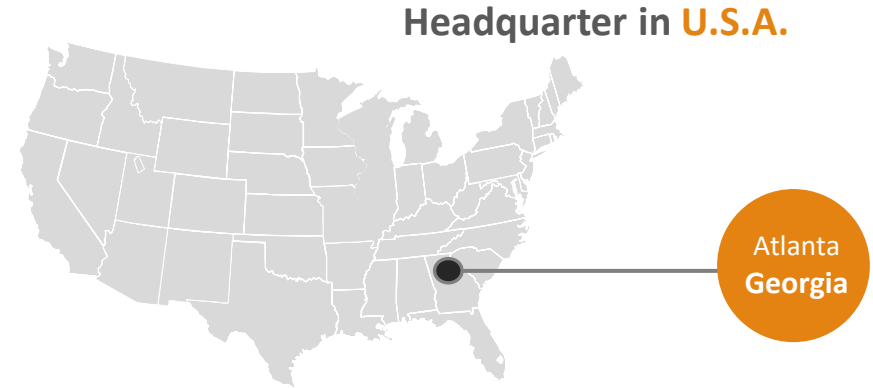
16

PLC programmers

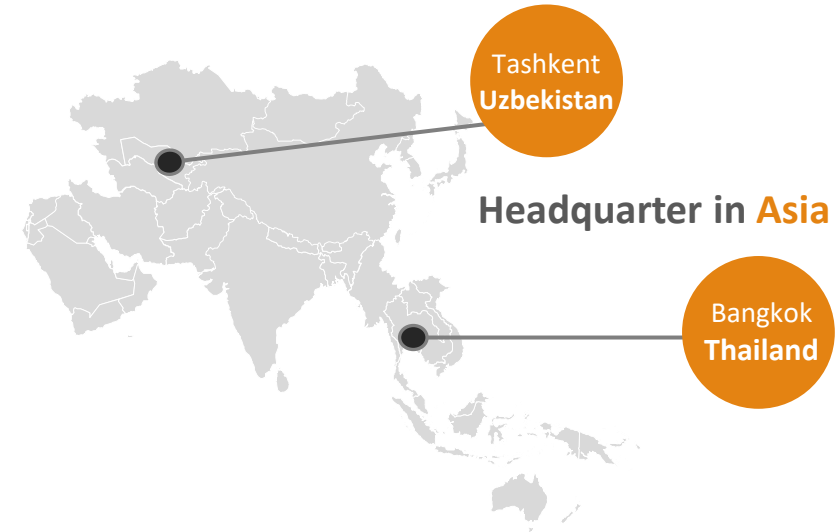




Headquarters in **Europe**



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



Headquarter in **Asia**

Manganorobot Italy Organization



Daniele Mangano
CEO



Claudio Mangano
Co-Founder



Annalisa Mancino
Director



Debora Basile
Accounting



Raffaella Tarantini
Human Resources



Viktoriya Viktorova
Foreign Relations Dept



Pasquale Zullo
CTO



Roberto Dioguardi
Project Manager

Manganorobot Serbia Organization



Miloš Aničić
CEO



Daniele Mangano
Co-Founder



Nina Jovanović
Deputy Director and Accounting Manager



Iva Stošić
Accounting



Dusan Stevanovic
Legal Services

Manganorobot Uzbekistan Organization



Daniele Mangano
Accounting



Bekhzod Ayupov
Co-Founder and Director



Jasur Kholkhujaev
Technical Manager



Tashkhodjaeva Nodira
Accounting



Igor Simone Stievano
Advisor Polytechnic of Turin

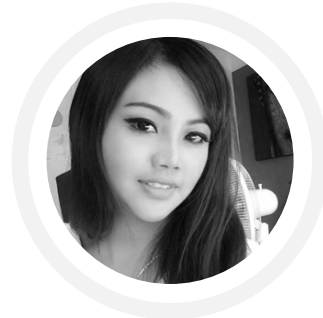


I. J. Shukhratullaevich
Advisor Polytechnic of Turin



Sarvar Makhmudov
Advisor AtlasCopco Prod. Manager

Manganorobot Thailand Organization



Bunpatsorn Matra
CEO



Claudio Mangano
Co-Founder and Director



Kung
Legal & Commercial Service Internacional Co.;Ltd

Manganorobot USA Organization



Daniele Mangano
CEO



Claudio Mangano
Co-Founder



Accounting
Legal & Commercial Service

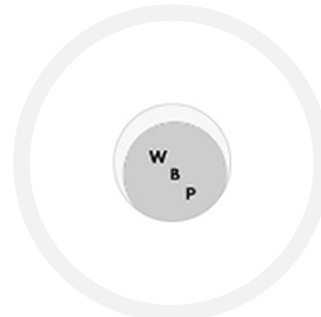
Manganorobot Germany Organization



Rocco Manicone
CEO



Daniele Mangano
Co-Founder



Accounting
Legal & Commercial Service

Training Center

in Serbia and Uzbekistan

In our training centre, we train future PLCs and robot developers. We bought the latest Kuka ready to aducate cell for these needs.

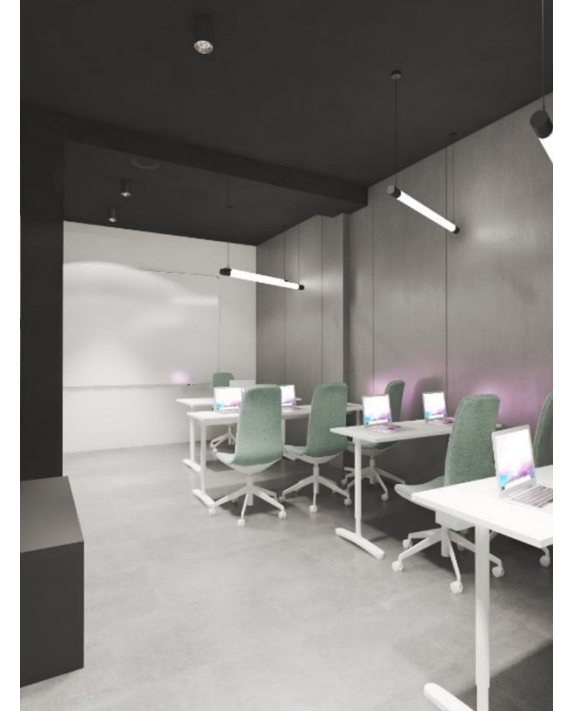
This is a unique training centre in the region.

Robot and PLC programming

In our training centre, we train future PLCs and robot developers. We bought the latest Kuka ready to aducate cell for these needs.

This is a unique training centre in the region.





PLC AND ROBOT PROGRAMMING TRAINING

The advantage of using our training is undoubtedly the ability to organize tailor made courses, according to the needs of the customer. All our courses are designed and developed with the idea of training technicians who have to be immediately put into action. It is therefore a combination of theoretical learning and practicing online/offline



Resources and Skills

Robot programmers



Roberto Dioguardi

Skills

- 7 years of Experience
- KUKA, ABB, FANUC



Francesco Salvatore

Skills

- 11 years of experience
- KuKa, ABB, Fanuc, Simulation (Robot Studio)



Girolamo Antonucci

Skills

- 26 years of Experience
- KUKA, ABB, FANUC, Comau



Giovanni Cambai

Skills

- 30 years of experience
- KuKa, ABB, Comau



Resources and Skills

Robot programmers



Omar Scabbia

Skills

- 8 years of Experience
- KUKA, Simulation (Robot Studio)



Diego Pinci

Skills

- 9 years of experience
- KuKa, Bosh welding System



Bruno Franchino

Skills

- 36 years of Experience
- KUKA, Comau



Carlos Padoan

Skills

- 10 years of experience
- KuKa, ABB, Comau



Resources and Skills

Robot programmers



Michele Bellezza Oddon

Skills

- 5 years of Experience
- KUKA



Davide Dioguardi

Skills

- 5 years of experience
- KuKa



Angel Giner Fresquet

Skills

- 5 years of Experience
- KUKA, ABB, FANUC



Enrique Pino Fernandez

Skills

- 4 years of experience
- KuKa, ABB, FANUC



Resources and Skills

Robot programmers



Agustin Eduardo Egui Jauregui

Skills

- 7 years of Experience
- KUKA, ABB, FANUC, PLC 5/40 Allen Bradley, RSLOGIX5000



Alessandro Talloru

Skills

- 2 years of experience
- KUKA, FANUC, Comau



Ernesto La Viola

Skills

- 3 years of Experience
- KUKA, ABB, Honda



Cajner Goran

Skills

- 10 years of experience
- KuKa, Comau



Resources and Skills

Robot programmers



Damir Richter

Skills

- 4 years of Experience
- KUKA, ABB, Comau



Slobodan Savić

Skills

- 6 years of experience
- KUKA, Durr



Lazar Radaković

Skills

- 5 years of Experience
- KUKA



Leon Dimitrijević

Skills

- 5 years of experience
- KuKa, Durr



Resources and Skills

Robot programmers



Marko Petrovic

Skills

- 10 years of Experience
- KUKA, ABB, Comau



Milan Filipović

Skills

- 6 years of experience
- KUKA, Durr



Miša Tomić

Skills

- 7 years of Experience
- KUKA, ABB, Comau



Matija Misić

Skills

- 7 years of experience
- KuKa, ABB, Comau



Resources and Skills

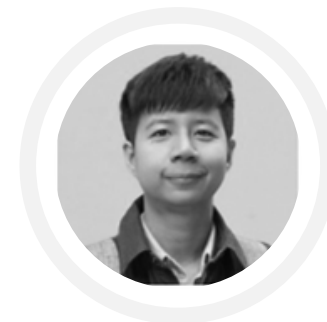
Robot programmers



Saša Lukić

Skills

- 5 years of Experience
- KUKA, Comau



Jittrapa Invasa

Skills

- 5 years of experience
- KUKA, Kawasaki, CMA



Anvar Alekseyevich Khudaybergenov

Skills

- 2 years of Experience
- KUKA, ABB, Comau



Oscar Diaz de la Cruz

Skills

- 9 years of experience
- KuKa, ABB, FANUC, Comau



Resources and Skills

Robot programmers



Srdjan Veselinovic

Skills

- 16 years of Experience
- KUKA, FANUC, Comau



Miloš Miletić

Skills

- 10 years of experience ●
- KUKA, FANUC, Comau ●



Resources and Skills

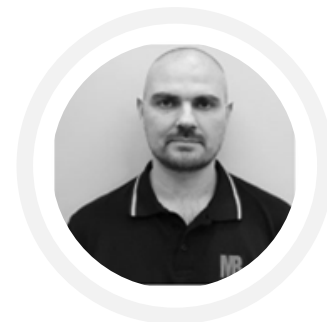
PLC programmers



Giovanni Stefanelli

Skills

- 10 years of Experience
- Siemens PLC-HMI



Bruno Natale

Skills

- 13 years of experience
- Siemens PLC – HMI, Allen Bradley PLC- HMI,
- Movicon HMI, KUKA and ABB Robot



Imad Ech Chamali

Skills

- 8 years of Experience
- Siemens PLC-HMI



Foad Errafyi

Skills

- 2 years of experience
- Siemens PLC-HMI



Resources and Skills

PLC programmers



Victor Morozan

Skills

- 3 years of Experience
- Siemens PLC-HMI



Nabil Errafyi

Skills

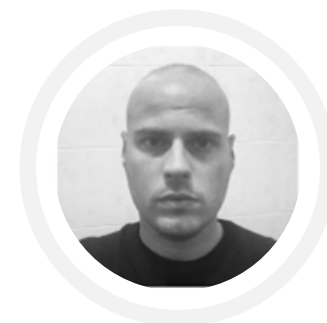
- 5 years of experience
- Siemens PLC-HMI



Djanibek Khudaybergenov

Skills

- 1 years of Experience
- Siemens PLC-HMI



Simone Albano

Skills

- 3 years of experience
- Siemens PLC-HMI



Resources and Skills

PLC programmers



Guido Caletti

Skills

- 3 years of Experience
- Siemens PLC-HMI, AGV Comau



Giovanni Lucci

Skills

- 20 years of experience
- Electrician and Basic PLC Knowledge



Gulurom Inoyatova

Skills

- 2 years of Experience
- Siemens PLC-HMI



Ivan Miljković

Skills

- 9 years of experience
- Siemens PLC-HMI



Resources and Skills

PLC programmers



Igor Vulic

Skills

- 9 years of Experience
- Siemens PLC-HMI



Abror Yakubov Mamatovich

Skills

- 2 years of experience
- Siemens PLC-HMI



Aldy Nerosa Dagook

Skills

- 3 years of Experience
- Siemens PLC-HMI



Aleksey Krasnikov

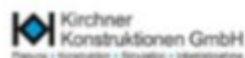
Skills

- Vision System Expert



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 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

Customer

FERRARI
MERCEDES
IVECO
IVECO
DHL Air Hub

Project

California F149
E Klass
Truck
Daily Van
Logistic

City

Calolziocorte
Sindelfingen
Madrid
Valalladolid
Leipzig

Country

Italy
Germany
Spain
Spain
Germany

2008

2009

Customer

IVECO
IVECO
AUDI

Project

Truck
Daily Van
B8 C7

City

Madrid
Valalladolid
Neckarsulm

Country

Spain
Spain
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

Customer	Project	City	Country
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

Customer	Project	City	Country
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

Customer	Project	City	Country
WOLKSWAGEN	VW370	Zwickau	Germany
WOLKSWAGEN	VW482	Zwickau	Germany
PORSCHE	981	Zuffenhausen	Germany
BMW	Series 2	Regensburg	Germany
BMW	Series 1	Dingolfing	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

Customer	Project	City	Country
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

Customer	Project	City	Country
IVECO	Ducato Van	Suzzara	Italy
MERCEDES	BR213Z1	Sindelfingen	Germany
MERCEDES	W247 / W177	Rastatt	Germany
MERCEDES	Truck production	Dusseldorf	Germany
VOLKSWAGEN	VW416CS	Ningbo	China
BMW	F 20 / F21	Dingolfing	Germany
FORD	Integration	Koln	Germany
SCANIA	Truck cab prod.	Oskarshamn	Sweden
RENAULT	Clio	Bursa	Turkey
VOLKSWAGEN	W326	Kaluga	Russia
VOLVO	CX40	Ghent	Belgium
PERSICO	Car dash. painting	Cassino	Italy
COMAU	R&D	Pune	India
MAGNA	Mercedes comp.	Pedrola	Spain
RENAULT Clio	Novo	Mesto	Slovenia

2016

our References

We develop and provide solutions for industrial production lines

2017

Customer	Project	City	Country
VOLVO	CX40	Ghent	Belgium
MERCEDES	W247 / W177	Rastatt	Germany
SCANIA	Truck cab prod.	Oskarshamn	Sweden
PERSICO	17904/C	Cassino	Italy
MAGNA	Volkswagen Comp.	Heilbronn	Germany
MAGNA	Mercedes Comp.	Salzgitter	Germany
VOLKSWAGEN	Golf	Zwickau	Germany
VOLKSWAGEN	VW276 / VW370	Foshan	China
VOLKSWAGEN	Tiguan and Q3	Tianjin	China
VOLKSWAGEN	Q7	Bratislava	Slovakia
IVECO	Ducato Van	Suzzara	Italy
FORD	Focus	Saarlouis	Germany
PERSICO	Car components	Ramos Arizpe C.	Mexico
RENAULT Clio	Novo	Mesto	Slovenia
BMW	G20-G21	Dingolfing	Germany
MERCEDES	GL	Tuscaloosa	U.S.A.
VOLKSWAGEN	VW416	Chattanooga	U.S.A.

2017

our References

We develop and provide solutions for industrial production lines

2018

Customer	Project	City	Country
BMW	G05	Spartanburg	U.S.A.
BMW	G26	Munchen	Germany
BMW	G20-G21	Dingolfing	Germany
MERCEDES	Kamaz Truck	Naberežnye Čelny	Russia
MERCEDES	A Klass and S Klass	Kuppenheim	Germany
MERCEDES	W247 / W177	Rastatt	Germany
MERCEDES	A Klass and B Klass	Kecskemét	Hungary
VOLKSWAGEN	Tiguan and Q3	Tianjin	China
VOLKSWAGEN	VW Golf	Wolfsburg	Germany
VOLKSWAGEN	VW276 / VW370	Foshan	China
PORSCHE	Assembly line	Zuffenhausen	Germany
MAGNETI MARELLI	Nanchino	Corbetta	Italy
MAGNETI MARELLI	Tedas	Brescia	Italy
VOLKSWAGEN	Audi E-tron GT	Mühlacker	Germany

2018

our References

We develop and provide solutions for industrial production lines

2018

Customer	Project	City	Country
VOLVO	620D	Ghent	Belgium
VOLVO	S60	Berkeley County	U.S.A
SCANIA	NCG BIW	Oskarshamn	Sweden
FORD	Fiesta	Koln	Germany
CPA	Arc welding cell	Beinasco	Italy
AGCO	Casting presses	Vicenza	Italy
NANCHINO	Assembly line	MAGNETI M.Torino	Italy
CVL	Multi-brand assem.	Alessandria	Italy
CORNAGLIA	Automotive comp.	Airola	Italy
SIMATECH	Autom. warehouses for Tesla Factory		Italy

2018

our References

We develop and provide solutions for industrial production lines

2019

Customer	Project	City	Country
BMW	G05	Spartanburg	U.S.A.
BMW	G26	Munchen	Germany
BMW	G20-G21	Dingolfin	Germany
MERCEDES	Kamaz Truck	Naberežnye Čelny	Russia
MERCEDES	A Klass and S Klass	Kuppenheim	Germany
MERCEDES	W247 / W177	Rastatt	Germany
MERCEDES	A Klass and B Klass	Kecskemét	Hungary
MERCEDES	BR223/BR227	Sindelfingen	Germany
MAGNETI MARELLI	Tedas	Brescia	Italy
PORSCHE	Assembly line	Zuffenhausen	Germany
VOLVO	620D	Ghent	Belgium
PERSICO	Car components	Ramos Arizpe C.	Mexico
VOLKSWAGEN	Tiguan and Q3	Tianjin	China
VOLKSWAGEN	VW Golf 8	Wolfsburg	Germany
VOLKSWAGEN	Golf	Zwickau	Germany

2019

our References

We develop and provide solutions for industrial production lines

2019

Customer	Project	City	Country
MAN	Trucks	Mühlacker	Germany
FIAT	Electric 500	Torino	Italy
ASTON MARTIN	R&D AGV Comau	Gaydon	England
CITROEN	Berlingo	Vigo	Spain
SIMATECH	General industry	Modena	Italy
CVL	Lighting Valeo	Alessandria	Italy
CVL	Lighting Valeo	Itatiba	Brasil
IMS	Oil platforms	Alexandria	Egypt
GPC	Polishing Nissan	Poirino	Italy
SINTEXA	Vehicle leather	Modena	Italy
AISI	Fiat parts sub.	Santià	Italy
BAI Automation	Handling industrial	Varese	Italy
RENAULT Clio	Novo	Mesto	Slovenia
FIAT	500X	Melfi	Italy
CORNAGLIA	Handling industrial	Airola	italy

2019



Italy

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segreteria@manganorobot.com

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mr-asia@manganorobot.com

