



# QUANTUM SYSTEMS

SOLUTIONS FOR SUPPLYCHAIN MANAGEMENT

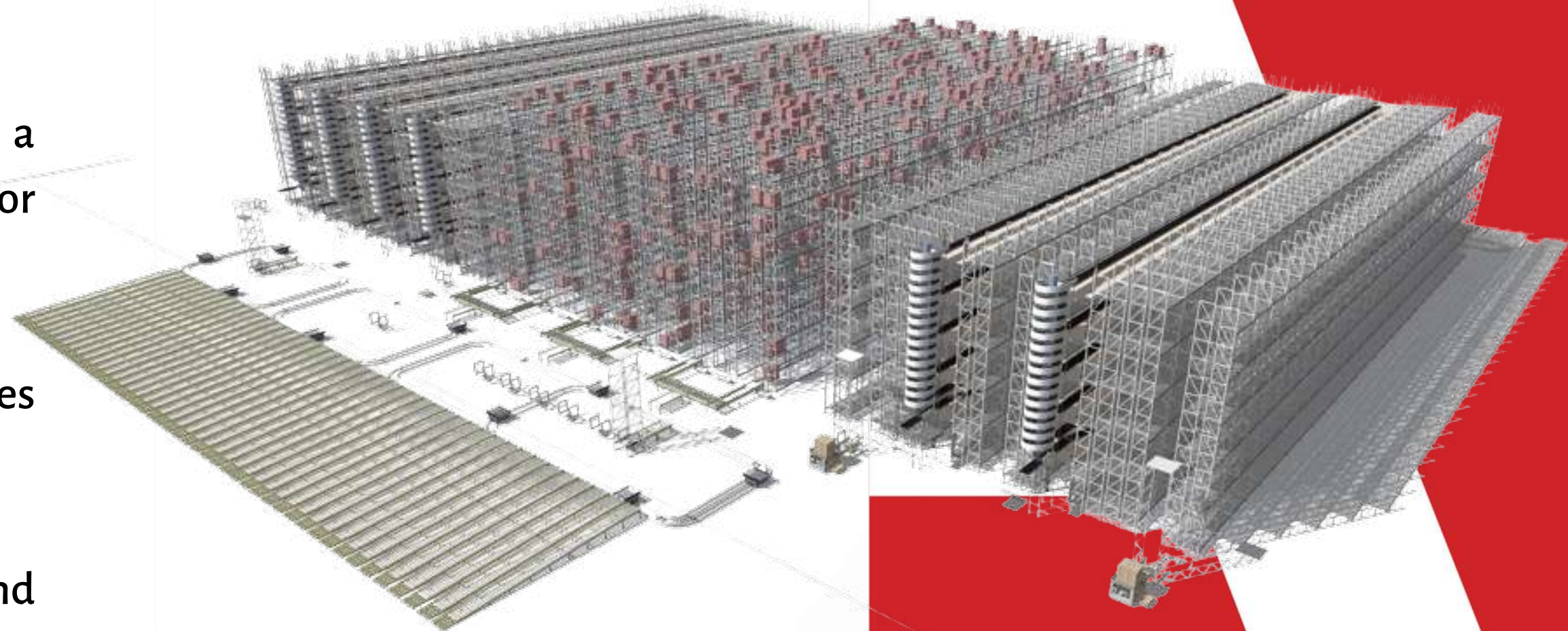


# ABOUT US

Quantum Systems is a group of companies, a developer and supplier of complex solutions for logistics and production.

We develop and implement innovative technologies in Europe and worldwide for over 25 years.


We represent a brand of software Qguar and a brand of Kapelou, material handling solutions provider and automated systems manufacturer.



# **WE ARE TRUSTED**

The solutions we implement make business more efficient and manageable. We know all the possibilities of modern technology, understand the essence of our clients' business processes and enable them to use the full potential of technology, taking into account the realities of their business.

Figures are more convincing than words



**1200 +  
PROJECTS**

**100%  
COMPLETED  
PROJECTS**

**550+  
LEADING EXPERTS**

# OUR CUSTOMERS ON THE MAP



The Qguar systems and  
The Kapelou products  
are already  
used in **15** countries

ROMANIA  
Slovakia  
Scotland  
Ukraine  
USA  
Hungary  
Italy  
LATVIA

ENGLAND  
Belarus  
Czech Republic  
Ecuador  
Lithuania  
Germany  
PolanD



# QANTUM SYSTEMS IN SAUDI ARABIA

Since 2023, Shasha Group has been an official partner of Quantum Systems in the Kingdom of Saudi Arabia.

Shasha Solutions Company was established since 2010 as a specialized provider of services and solutions in the fields of communication and technology.



[www.shasha.com.sa](http://www.shasha.com.sa)

# DOMAINS OF COMPANY SPECIALIZATION



LOGISTIC CENTRES



DISTRIBUTORS



PRODUCTION COMPANIES



FORWARDING AND TRANSPORT



COMMERCIAL COMPANIES



OTHER COMPANIES WITH  
ADVANCED LOGISTIC PROCEDURES



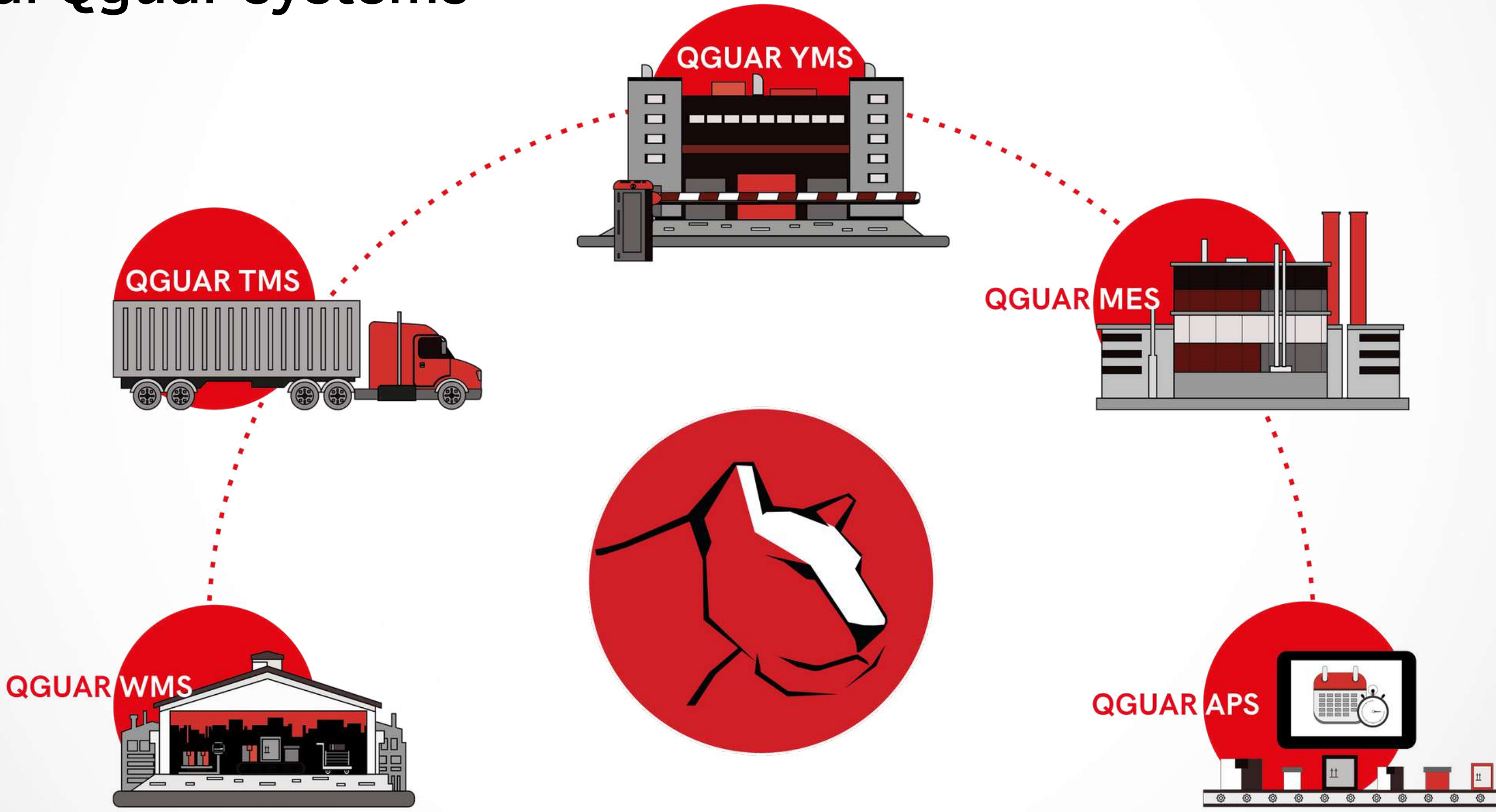
# LOGISTICS AND MANUFACTURING AUTOMATION SYSTEMS



SUPPLY CHAIN MANAGEMENT

# PRODUCTS IN OUR OFFER

Principal Qguar systems





# SUPPLY CHAIN MANAGEMENT

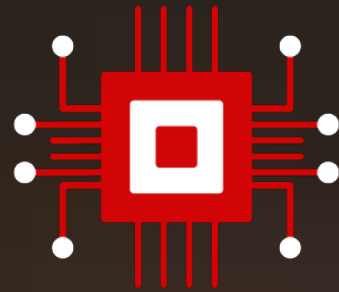
Comprehensive software solutions



IT and logistic  
consulting and design



Hardware supply  
and staging



Software supply  
and installation



Adaptation of the systems  
to the needs of  
specific solutions



Training of  
users



System  
implementation  
and tuning



Post-  
implementation  
assistance



Guarantee and  
post-guarantee  
support



# SUPPLY CHAIN AUDIT



An audit in any form serves a dual purpose – to find out ‘bottle necks’ and plug them and find out areas where there is scope for improvement



Assessment of the causes of inefficient processes



Assessment of compliance with legislation, safety rules and other rules



Evaluation of the rationality of the use of personnel and property resources



Compliance of actual processes with formalized ones



Areas of process productivity growth and cost reduction



Reducing the number of operations



A working motivation system



Recommendations for changes in the supply chain to improve its performance

# WAREHOUSE AUTOMATION

Production & Engineering & R&D

As a member of the Quantum Systems Group

**KAPELOU** provides turn-key material handling solutions; designs, manufactures and installs fully automated warehouses & logistics centres.



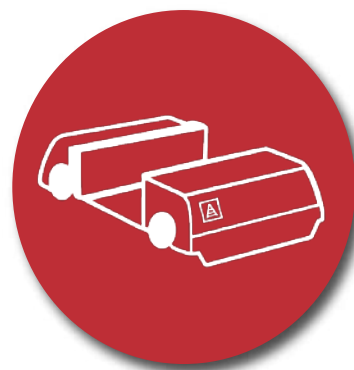
## KAPELOU MANUFACTURES INHOUSE:



CONVEYOR SYSTEMS  
OF ALL KINDS



ELEVATORS FOR BOXES  
AND PALLETS



AGV & SHUTTLE  
SYSTEMS

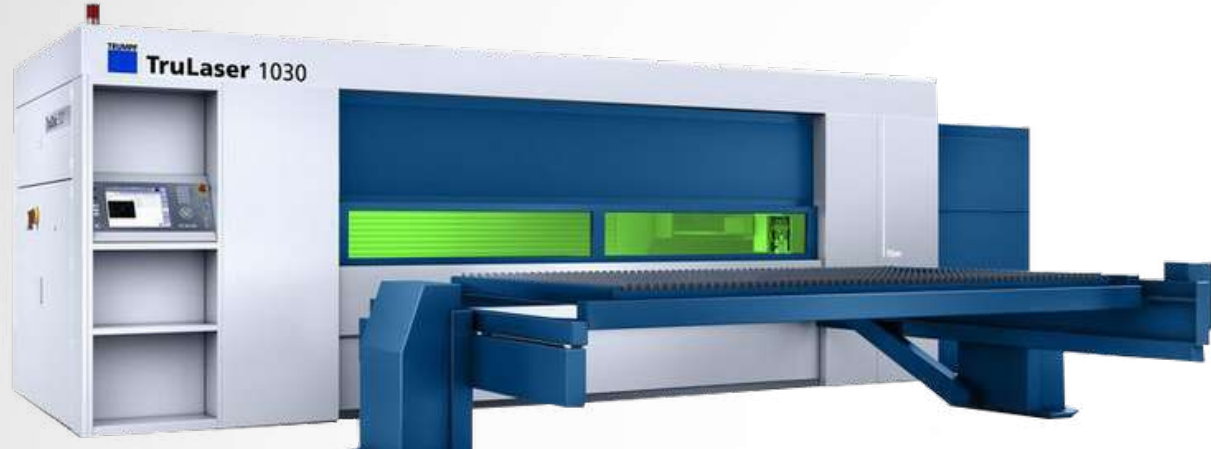


ROBOTS  
GRIPPERS



PLATFORMS AND  
MEZZANINES

# KAPELOU PRODUCTION = QAULITY



Laser Trumpf



Punch Trumpf



Welding Robot



Milling DMG MORI



Lathe DMG MORI



Painting line



Bending Trumpf



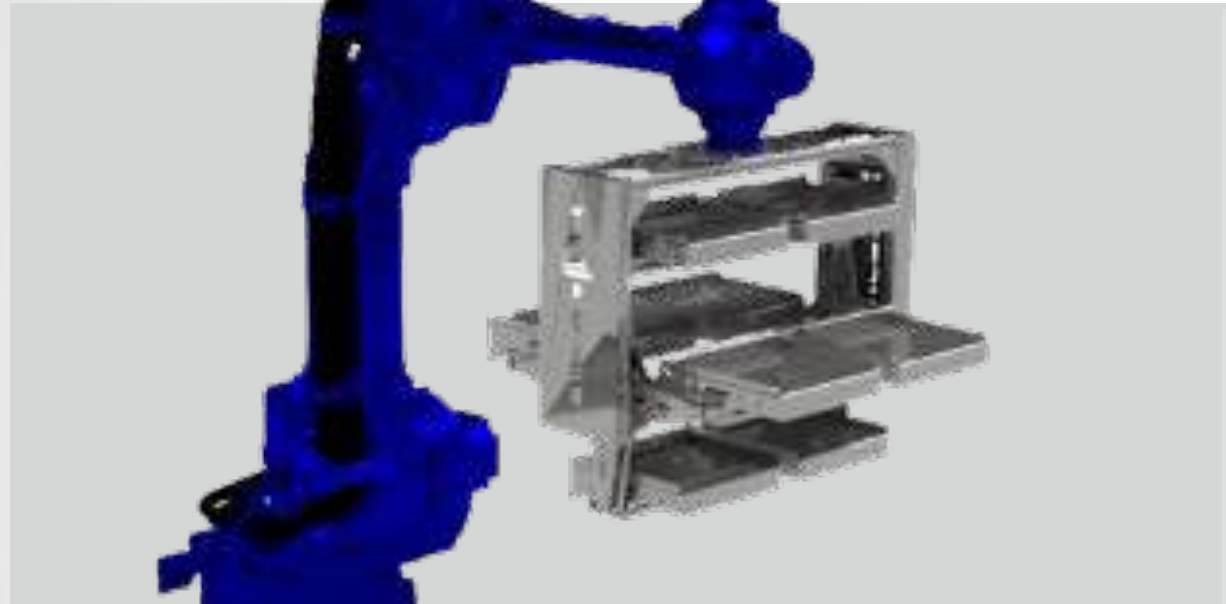
Swaging



ESAB Welding

# IT, R&D CENTER THE POWER OF INNOVATION

RoboSort



Sorter



A-Frame



Box Shuttle



Conveyor nodes



Automated storage system

# PRODUCTS & SYSTEMS



TRANSPORTATION



PICKING



SORTING



IDENTIFICATION



SOFTWARE



SERVICING

# SOLUTION MILESTONES



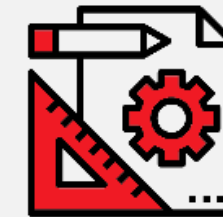
Task identification & Analyzing



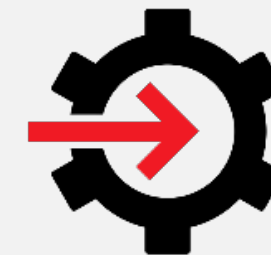
Design concept & Solution development



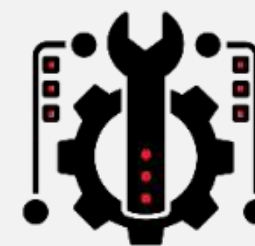
Detailed project design & Manufacture



Equipment Integration



Start-adjusting and maintenance service



# PROJECTS FROM A SCRATCH





# E-COMMERCE



100k+ shipments/day

SKU 250 MIO

Area 49,000 m<sup>2</sup>

24/7

# AUTOMOTIVE DISTRIBUTOR

35,000 order lines/shift

SKU 75,000

Area 2,089 m<sup>2</sup>

12/7



# E-COMMERCE | DIY

10 500 parcels/hour

SKU 1 MIO

Area 72,000 m<sup>2</sup>

24/7

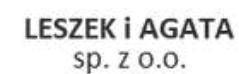


Заметки

# REFERENCES



LOGISTICS



# REFERENCES



DISTRIBUTION



APART

dino



E.LECLERC 



Ferremundo



GENERAL PARMA  
FOOD

hama



MV  Group



Русские Сладости  
дистрибуция и логистика



zabka



# REFERENCES



PRODUCTION





# REFERENCES



PRODUCTION

**ALUPROF**  
ALUMINIUM SYSTEMS



**bentom**



HELVETIA

Huhtamaki



Nowodvorski  
LIGHTING



# PARTNERS

In our solutions we offer the best and the most advanced technologies in the world to our clients.

Proper level of technological know-how is confirmed by numerous certificates held by our specialists.



**Microsoft**

**ORACLE**



**Honeywell**







(+966) 500-806-792



[www.quantum-systems.sa](http://www.quantum-systems.sa)



[Ahmed.Jamal@quantum-software.com](mailto:Ahmed.Jamal@quantum-software.com)



7089 King Abdul Aziz Rd, 2394,  
Riyadh 12467  
K.S.A.

# CONTACT US

