



PROFILE **BKFASI** GROUP

“Passion, Start & Never Give Up !”



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ABOUT US

BKFASI is one of the leading company in Vietnam with the mission of researching new techniques and technologies to manufacture high-precision products in industry, automation

Robot and AI Vision Training Technology Transfer Consultancy

Mechanical software programming

Factory Automation and Flexible Manufacture Systems

Molds Design Complex Molds



Precision Mechanical Technology

Robot, Cobot, ARM System Automation

Robot & Cobot Training and Testing Center

Industrial maintenance services, hydraulic pumps and motors for construction machinery

Vision

- Becoming the leading unit in Vietnam in the field of providing Robots and technology solutions according to international standards.
- Being a bridge for automation and technology solutions between arge corporations and the Vietnamese market
- Being the leading company in international training, testing center and Technology Tranfer company in Vietnam

RPMEC Joint Stock Company formerly known as "Research Precise Mechanical Center". It was established under Decision 236 / QD dated March 15, 1985 of the Ministry of Education and Professional Secondary Education (now the Ministry of Education and Training) to do a thorough research task new technology and technology to manufacture high-precision products in industry, automation ...

With the policy of Hanoi University of Science and Technology (HUST) on putting research results into production practice to create wealth for society, and continuing to research and create new products, unifying the business system. school industry and to comply with state regulations on ownership. In August 2012, RPMEC Joint Stock Company was established and began operating to replace Research Precise Mechanical Center. In 2023, RPMEC invested in patent assets to establish BKFASI



Ministry of Science and Technology awarded certificates of merit and award VIFOTEC-2003



The State awarded the Labor Medal



ABOUT US



Established

Precision Mechanical
Engineering Research Center



Our Mission

Researching new techniques and technologies to
manufacture high-precision products.



Established

Research Precision Mechanical
Technology Joint Stock Company



Hydraulic Equipment and Maintenance
Factory Automation and Robots, Cobots
Mold Design and Drawing Training
Software and Robot Training
Flexible Manufacture System



Future Creation!

Research New Technologies and New Products
Applying Flexible Automation System (FMS) in the 4.0
Industrial Era



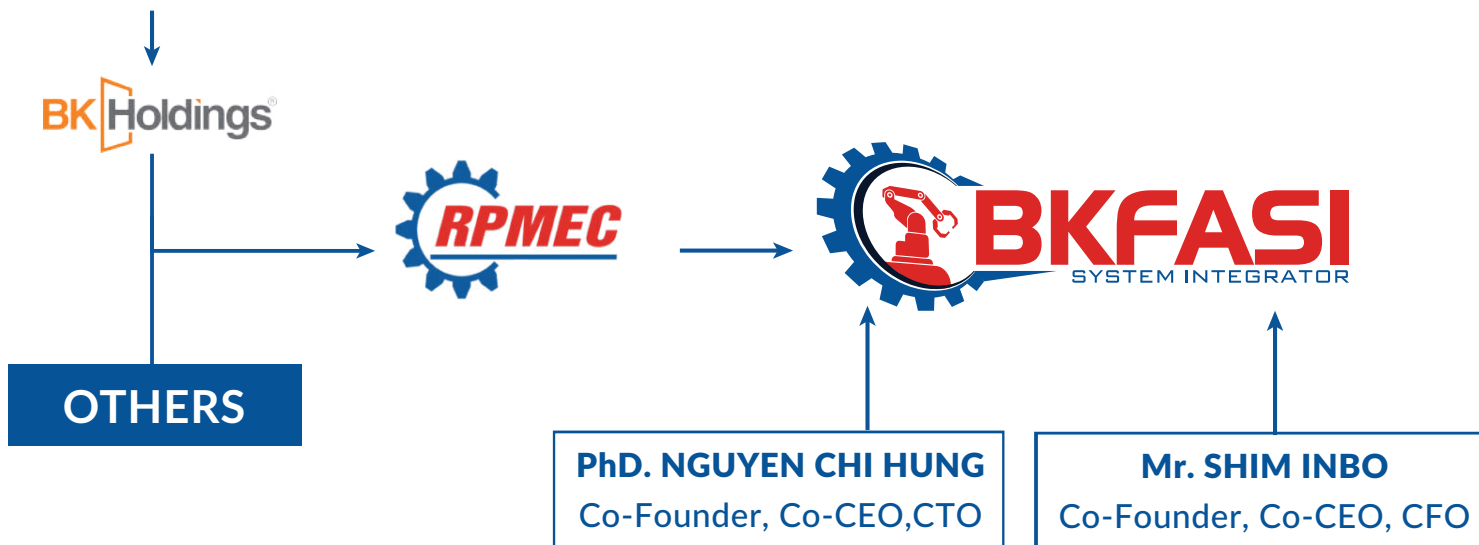
BKFASI established

Focus on Flexible Automation System with Robot,
Cobot and AMR



HANOI UNIVERSITY OF
SCIENCE AND TECHNOLOGY

SHAREHOLDER



EMPLOYEES

Mechatronic, Automation Engineers	15
Mechanical Engineers	12
Workers	8
Total	30

PRODUCTS AND SERVICES

Cobots, Robots , Smart Devices, Automation System Integration.

Technology Transfer Services and Training Courses.

R&D, Design Center.

Designing Softwares, CNC, Robots Technology Intensive Training.

Co-Operation in Research & Development IoT Solution, AI Application (Machine Learning, Deep Learning).

Co-FOUNDER, Co-CEO, CTO

PhD Nguyen Chi Hung



Experience

University

Hanoi University of Science and Technology
Manufacturing Technology

ENGINEER

CANON VIETNAM CO., LTD

POSTGRADUATE

Kyoto Institute of Technology, Japan

11/2001 - 3/2004

7/2004 - 9/2008

10/2008 - 10/2009

Master, PhD,
Scientific PhD Student

Kyoto Institute of Technology, Japan
Mechanical, Mechatronics

Lecturers

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2010 - present

Bachelor, Mechanical Engineer,
Hanoi University of Science and Technology

MSc. in Mechanical Engineering,
Kyoto Institute of Technology, Japan

PhD, Mechanical Engineering,
Kyoto Institute of Technology, Japan (2008)

CURRENT POSITION

RPMEC JSC. Director
Lecturer at SME, HUST

RESEARCH INTERESTS

Vibration, Industrial Robots, Plastic Injection Mold, Researchs

Co-FOUNDER, Co-CEO, CFO

SHIM INBO



Experience

11/1984 - 11/1989

HSBC, Korea Management
Office Credit Analyst
of Corporate Banking

1/1990 - 5/1995

Deputy Representative of MMB SEOUL OFFICE
HSBC GROUP U.S. Subsidiary Bank

5/1995 - 1/1997

Manager of HSBC Group
Correspondent Banking
Business in Korea

2/1997 - 2/2001

HSBC Director of Personal
Banking Business, Korea

3/2001 - 2/2003

HSBC Regional & Busan
Branch Manager, Korea

3/2003 - 12/2003

Senior Advisor of Lexington
Consulting Co., Ltd.,
Busan, Korea

3/2004 - 3/2005

Representative Director &
CEO of China Investment Consulting
Company, Korea

9/2005 - 9/2008

Representative Director &
CEO of the largest 4 Star Tourist Hotel
on Jeju island, Korea

3/2014 - 1/2024

General Director & CEO of VEGA REX
HANOI

2/2024 - present

Co-Founder, Co-CEO, CFO of BKFASI

1/2014 - PRESENT

Project Director of Prime Cargo VN

Steering committee Member of IEVE & GEAN

Senior Advisor of RPMEC VN for Global Business Development

Senior Advisor & VN Representative of Urielsoft, Aviation System Company

Senior Advisor of Moderntech, EV Charger Manufacturer in Korea

Group STRUCTURE



CTO

- Technical Sales & Consulting
- Technical Support & Implementation
- Technical Maintenance
- Technical Issue & Specification
- Technical Alliance

Co-CEO

- Security Control
- Center R&D
- Sales & Marketing
- A/S
- CRM

CFO

- Assistant Controller
- Accounting
- Administration
- HR
- Import & Export Logistics
- Global Business Development & Relationship Management



MAIN BUSINESS FIELDS

MAINTENANCE & FACTORY AUTOMATION

- Hydraulic machinery and hydraulic controller
- Electrical equipment and industrial machines
- Installation of machinery, industrial equipment and robots

CONSULTING SERVICE & EDUCATION

- Automation consulting and factory automation
- Technology consulting activities
- Technical testing and analysis
- Specialized design activities
- Scientific research and education

FLEXIBLE AUTOMATION

- Tasks related to automation
- Automation Training

1. Factory automation solutions:

- + Packaging line
- + Stamping machine line
- + Assembly line

2. Industrial robot solutions

- + Industrial Robots
- + Pallet stacking robot
- + Welding robot
- + Brick Laying Robot
- + Robot Paint
- + Wood Factory Robot



Provides automation training equipment:

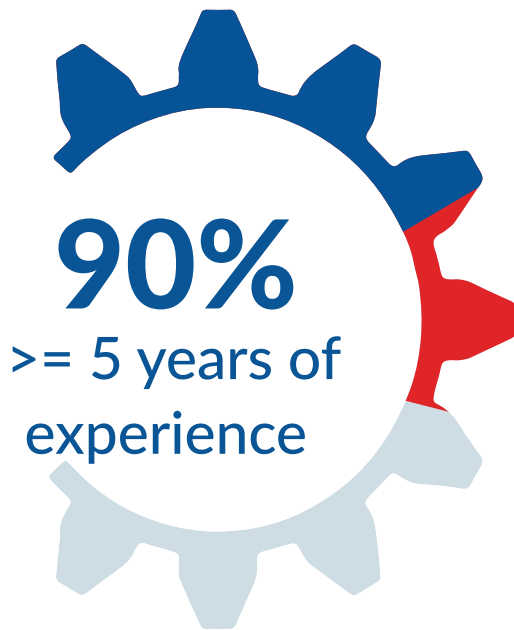
- + Automated training model
- + Welding Robot training model
- + Hydraulic repair training

Provides and maintains hydraulic equipment and industrial machines:

Providing hydraulic equipment
Hydraulic maintenance and repair services
Restore hydraulic control system

BUSINESS CAPABILITIES

Humans



40%

>= 10 years of experience

20%

>= 15 years of experience

80% of staff are properly trained in the right field

20% have Masters and PhDs degrees

Experiences

10+ years experience with Korea and Japan projects

Networking

Connect with a team of elite students and experts of HUST

Inherit research results and scientific achievements of HUST

Partner

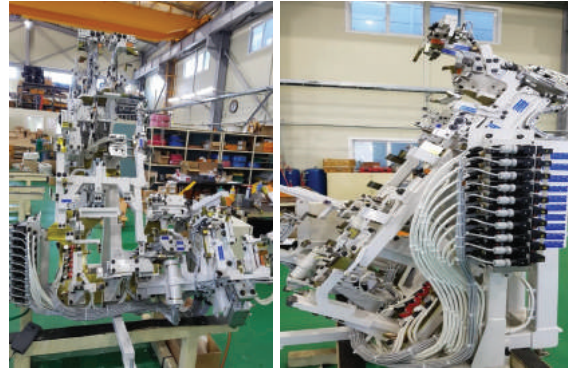


NOTABLE PROJECT IMPLEMENTED

Design, manufacture, test and install for Vinfast Vietnam



Design, manufacture, test and install for Japanese Automotive company



Design, manufacture, test and install for Rang Dong light source and vacuum flask joint stock company



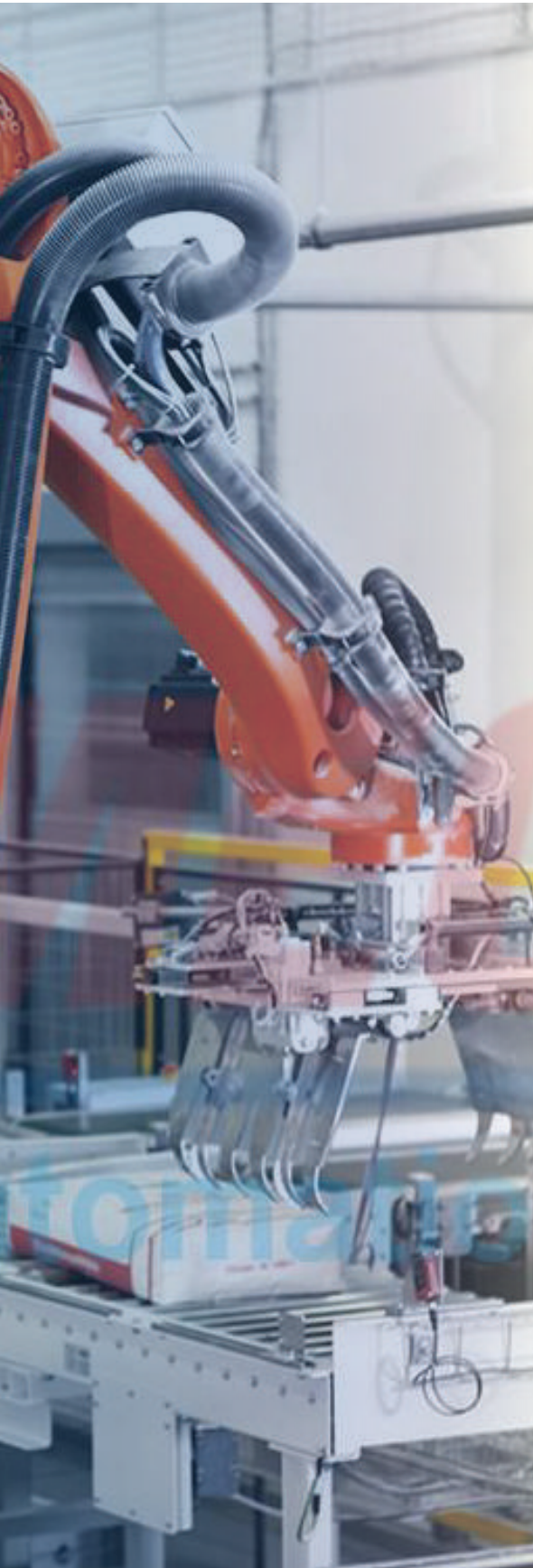
Design, manufacture, test and install for 29 Mechanical one member limited liability company



Design, manufacture, test and install for Consultant equipment and technical services joint stock company



NOTABLE PROJECT IMPLEMENTED



Design, installation and maintenance for automatic blanking application for presses

Installation of an automatic billet feeding
line for stamping machines – 40 Cobot
stations at Z129 factory



Design, installation and maintenance for the application of Billet feeding robot for bending machines

Installation of an automatic billet
feeding line for bending machines –
Cobot stations at CET factory



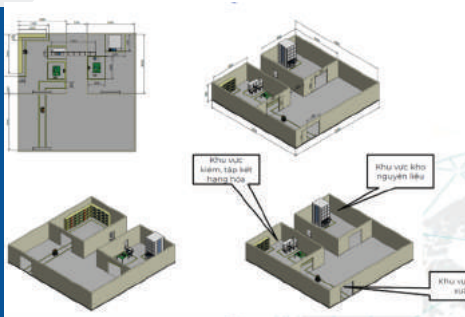
NOTABLE PROJECT IMPLEMENTED



Customer name: CP Hai Duong animal feed factory
Address: Cam Giang, Hai Duong
Category: Intralogistics system
 (AMR level packaging for the line + storage)
Stage: Tech consulting and successful demo,
 under negotiation



Customer name: T.C Electronics Factory
Address: Ho Chi Minh City
Category: Intralogistics system & automatic warehouse
 (AMR feeds materials to assembly lines & tray storage)
Phase: Signed MOU, expected to deploy in 2023



Customer name: Huu Nghi border gate is under
 the management of Huu Nghi Xuan Cuong company
Address: Lang Son
Categories:
Stage 1: automatic measurement and pricing for services
Stage 2: Logistics center includes storage and distribution
 of goods
Phase: Signed MOU for phase 1, expected to deploy in 2023



Customer Name: CNC Tech Factory
Address: Thang Long 3 Industrial Park, Vinh Phuc
Category: Intralogistics system (AMR supplies materials
 for assembly lines)
Stage: Tech consulting and successful demo,
 under negotiation



LIST OF NOTABLE PROJECTS

1. Install paint shop's M&E and Technology transfer for Cuu Long factory - TMT.
2. Design, manufacture and install No1 & No2 paint shop's M&E and Technology transfer for Huyndai Thanh Cong factory at Ninh Binh Province.
3. Design, manufacture and install Body & GA shop's M&E for Huyndai Thanh Cong - Bus factory at Ninh Binh Province.
4. Install/Improve paint spray booth - Paint shop for FORD Hai Duong.
5. Design, manufacture and install Fadil assembly line's M&E for VINFAST Hai Phong.
6. Assembly 84 Robots/ 4 welding lines of Body Shop of Passenger Car (Door welding line, Engine hood welding line, Trunk lid/lift gate welding line at VINFAST Hai Phong.
7. Design, manufacture and install ass'y line's M&E, Jigs & Fixtures for V8 Vehicle at VINFAST Hai Phong.
8. Design, manufacture and install Jigs & Fixtures for Engine Sub, Door Sub, IP Sub-line for SCP Models at GA Shop - VINFAST Hai Phong.
9. Design, manufacture and install the Welding Jigs for E-Scooter welding shop - VINFAST Hai Phong.
10. Design, manufacture and install manipulator for Fadil, SCP model and Sunroof of EV at GA Shop - VINFAST Hai Phong.
11. Design, manufacture and install High Voltage Power Distribution Unit (PDU) at VINFAST.
12. Design, manufacture and install the expansion of seat assembly line at VINFAST.

Emission testing of two-wheeled car models - Piaggio Viet Nam Co.,Ltd

Installing boiler - Viet Nam - Japan Refrigeration And Air-conditioning Joint Stock Company

Consulting on research, designing AI vision programs, consulting on evaluating the overall system of machines to check rivet marks, nut types and IN/EX classification based on AI technology - Nissin Manufacturing Vietnam Co., Ltd

Provides turbine rotating hydraulic system - Aes Mong Duong Power Company Limited

Hydraulic control system training course - Nghi Son 2 Power Limited Liability Company

Research, program and provide DOBOT research products - Viet Nam Plasma Technology Joint Stock Company

Providing conveyor equipment - Viettel Post Joint Stock Corporation

Providing Step robots - Rang Dong Light Source And Vacuum Flask Joint Stock Company

Providing Dobot robots - Samkwang Company Co. LTD



BK FASI GROUP



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