With 20 years of experience in the industry, we are confident that we are capable of implementing projects in the following areas:

Ben Thanh

Co.,Ltd

Automation

SENTHAN

Automatior



Integrated Automation Control Systems



Providing Industrial Robot Solutions







COMPANY PROFILE



SIEUTHITUDONG.COM

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CONTENTS

02	About Benthanh Automation
03	Our History
04	Mission & Vision
05	Startegic Business Units
06	Partners & Customers
07	Certificate & Agreement
08	Benthanh's Typical Projects
09	Rice processing plants
09 11	Rice processing plants Color coated cold corrugated iron production lines
11	Color coated cold corrugated iron production lines
11 12	Color coated cold corrugated iron production lines Improving safety for fiber production lines
11 12 13	Color coated cold corrugated iron production lines Improving safety for fiber production lines Seafood product processing lines
11 12 13 15	Color coated cold corrugated iron production lines Improving safety for fiber production lines Seafood product processing lines Automatic painting robot
11 12 13 15 16	Color coated cold corrugated iron production lines Improving safety for fiber production lines Seafood product processing lines Automatic painting robot Palletizing robots

Other activities



ABOUT BENTHANH AUTOMATION

The Trusted Partner of Manufactures!



Our History





Partners & Customers

21



Mission & Vision

Startegic Business Units



Certificate & Agreement

2020 - 2024

Become the Bosch - Rexroth Sales Partnership with product lines Ctrl X, inverter, servo and robot.

Cooperate with SMC Phu My Machinery -Automation to supply, research, design and build automation machinery according to customer requirements.

2010 - 2020

Cooperate with UNIPULSE to distribute automation weighing products & solutions. Completed the robotic automatic zipper painting system for the YKK factory. Completed the palletizer cobot systems for the Unilever factory.

2001 - 2010

Signed with Autonics to distribute Sensor and Controller products in Vietnam. Distributing Panasonic automation products. Cooperate with Anh Phat company to develop seafood processing machines.

2001

Established Ben Thanh Automation Co.,Ltd Signed a cooperation agreement with OMRON to develop Automation Solutions in Vietnam.

Cooperating with Bui Van Ngo and Nam Dung companies to research, manufacture and automate machinery in the Agricultural and Fishery industry.

Our Mission

BEN THANH Automation is always the trusted partner of Manufacturers!



Mission & Vision

Our Vission

We look forward to contributing more to the community through the following activities:

 \checkmark Research, develop and train human resources

 \checkmark Production, trade and automation technical services

✓ Building solutions to widely apply automation technology in all fields of life.



Integrated Automation Control System

Benthanh Automation has over 23 years of experience in automation. We not only survey, consult, design and build fully automation control systems, but also upgrade and integrate automation solutions based on your existing production lines.



Robotics Solutions

As a partner of Omron, Yaskawa and Bosch - Rexroth, we always provide customers with diverse application robot solutions in many different fields of industry. Along with that is our commitment to speed, precision, efficiency, and long-term reliability.





Smart Factory

Fllowing the wave of 4.0 Industry, we provides SCADA, IoT solutions, ... to help monitor the system remotely. Combined with automations and robotics solutions, ... that allow Benthanh Automation to digitize your factory.

Solar Power

Our company not only installs on-grid solar power system from 2KWp to 1MWp but also provides off-grid and hybrid solar power application solutions, especially for agriculture. In addition we also distribute Panasonic solar panels.







Partners & Customers

UNIPULSE

Certificate & Agreement



Cooperation Agreement on Machine Building Industry SMC PHU MY - BEN THANH



Certificate of Authorized Agent from YASKAWA

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We, Omron Vietnam Co., Ltd, the wholly own subsidiary of Omron Corporation (Japan) hereby certify that OMRON Vietnam Co., Ltd, BEN THANH Automation Co., Ltd, and BUI VAN NGO Machinery Saigon Co., Ltd, have
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Cooperation Agreement on Business Development of Robotic Solutions BEN THANH - OMRON - BUI VAN NGO



BENTHANH AUTOMATION

Typical Projects

Rice processing plants Color coated cold corrugated iron production lines Improving safety for fiber production lines Seafood product processing lines Automatic paint robot system Palletizing robots Digitizing Bui Van Ngo mechanical factory Grid-tied solar systems









RICE PROCESSING PLANTS

Ben Thanh started cooperating with Bui Van Ngo company from the early days of its establishment by providing complete mechatronic solutions, automation equipments, robots; PLC, HMI & SCADA programming,... In addition to cooperation in manufacturing agricultural mechanical machines, rice production lines, we are also involved in many other fields of the partner such as coffee processing machines, wood processing machines,...,...

- Rice milling line from paddy to brown rice
- Rice processing line from brown rice to polished rice
- Hopper scale and shutter scale systems
- Upgrading/automating some existing machines

Tyfical Projects







Some typical products



- Veneer press line with automatic feed
- Automation material rack
- · Paddy husker
- Fruit dryer



COLOR COATED COLD ROLLED CORRUGATED ROOFING SHEET PRODUCTION LINE

We are proud to cooperate with TOVICO from the early days. Both technical teams coordinated to research, manufacture and install the galvanized sheet production line, then the color coated cold rolled corrugated roofing sheet line. Currently, we continue to support our partners to install, improve and upgrade equipment and technology to help perfect the production line.



IMPROVING SAFETY FOR FIBER PRODUCTION LINES











Ben Thanh engineers have integrated safety devices into the existing production line of Vietnam TNT Fibers (VTF) in An Phu, Binh Duong. The solution has helped prevent workers from reaching deep into dangerous areas while the machine is operating, while minimizing cases of workers arbitrarily ignoring safety procedures while working, thereby limiting work accidents and improving the safety level of current production line. The solution also contributes to improving productivity by reducing situations where the machine must suddenly stop to handle incidents during the production shift.





FISHERIES PROCESSING FACTORY PROJECTS

Research, deploy and supply automation equipments, Robots; programming PLC, HMI and SCADA for seafood processing lines, refrigeration compressor control system, IQF, BQF... for the chain of fisheries processing factories in Hau Giang province.









AUTOMATIC PAINTING ROBOT

The automatic painting robot system of YKK factory possesses outstanding advantages such as:

- Fast painting speed, continuous painting because the painting robots move up and down easily and quickly. Each robot can install many painting tools.
- Spray paint more evenly than using conventional paint workers.
- Cost saving: no need to hire too many employees.
- Save time optimally and increase work productivity.
- · Avoid loss of materials in the process of spraying paint.
- Ensure the product has high quality, smooth surface, even color and beautiful.

PALLETIZING ROBOT

Unilever factory has chosen the palletizing robots to replace 12 workers because of the following advantages:

- · Compatible with all current guide boxes conveyor systems
- Built-in robot: OMRON Cobot TM12 or any 4 6 axes robot
- Max. box throughput: Up to 12 cycles/min/robot
- Max. payload with EOAT: 9 (kg) (EOAT: End Of Arm Tool)
- Max. pallet dimensions (LxWxH): 1200 x 1200 x 1500 mm (including boxes)
- Communication: HMI Mobus TCP Ethernet IP
- Power: 1phase(220V/50Hz), 3phase(380V/50Hz)

 Remote device control and productivity checking by phone APP or Internet → suitable for IoT applications and factory digitization ...







Tyfical Projects

or systems axes robot t rm Tool) **1500 mm** (including boxes)



DIGITIZING BUI VAN NGO MECHANICAL FACTORY

We provide solutions and equipment that fit partner's needs to help digitize their factories. The integrated management system can monitor and collect data on each machine unit in each workshop such as: machine parameters, power consumption, temperature, air flow, ... The collected parameters will be sent to the central control room to be updated to Cloud, Server and synchronized with the enterprise's ERP system.



Temperature



GRID - TIED SOLAR SYSTEMS









Our customers have trusted to choose Panasonic Monocrystalline solar panel for the project 120^{+} KWp on their factory in Hai Son Industrial Area, Duc Hoa district, Long An province.

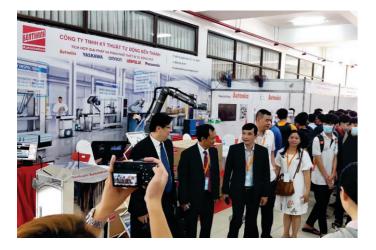
Other activities



Opening Ceremony of OMRON ATC



Opening Ceremony of Automation Day Technology demonstration





THƯ CẢM ƠN

Introducing products and solutions at technology events







Training



Team building

Other activities



BENTHANH AUTOMATION

The Trusted Partner of Manufactures!

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