

# BEMAC

Beam Metrical Alternative Creation

**Company Guide**



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FROM IMABARI  
TO THE WORLD.

# We Wire Ships As Electric Equipment Installation Professionals

BEMAC's electric equipment installation business and number of staff is among the largest in Japan, and its work is regarded highly by Japanese ship builders including those in Imabari (Ehime Prefecture).

Length of Electric Wires  
Used Annually

Over **8,000** km

Number of Electrical Hull Fittings  
Completed Annually

Over **160** Ships



# Over 50%

# Annual Shipment Results of Main Switchboards Over 300 Panels

## Main Switchboard, Supervisory Panel, Etc. for Ships Our Main Products Have Top Market Share in Japan

In terms of the number of constructed ships having 5,000 gross tonnage or greater, we have a market share of over 50% in Japan.

## Number of Equipped with BEMAC Products That are Currently in Use

# Approx. 5,000 Ships

# Development/Sales Headquarters Main Office/MIRAI Factory

Completed in 2010, the MIRAI Factory will lead the future of BEMAC.



# Power Receiving and Distributing Equipment For Factories and Commercial Facilities

Using our knowledge accumulated through manufacturing ship products, we manufacture and install power receiving and distributing facilities and plant systems for onshore plants.

The Annual Shipment Results of Our Main Products, Including Generator and Auxiliary Panels

Over **1,200** Panels

Generator Panels and Auxiliary Panels  
Annual Shipment Results

Over **300** Panels

Through Proven Skills  
And Building Trust

Our work is only made possible by the skills inherited from our predecessors,  
our unwavering spirit of exploration, and our good relationships  
of trust with our clients.





# From Receiving an Order to After Sales Service We Provide Flexible Customer Support

Manufacturing Main Switchboards and Other Ship Equipment,  
Performing Electrical Hull Fittings, And Providing After Sale Services,  
BEMAC's Greatest Strength Lies in Its Ability to Cater to All These Needs.

# 24 / 7 / 365 Service

We Respond Within 24 Hours of an Issue Being Reported.

# From Electric Control Technology To Electric Vehicle Business

Making full use of our knowledge in light/heavy electrical equipment accumulated through our marine and industrial plant business, we have developed and produced an electric three-wheeled vehicle on our own.

Cruising Range  
per Charge

**60**km

Number of Jeepneys Running  
in the Philippines

**1,500,000** Units

Number Of Tricycles Running  
in the Philippines

**3,500,000** Units

**Starting With The Philippines  
We Help Support  
Our Global Environment**

Starting with reducing CO2, alleviating traffic congestion,  
and the like in the Philippines,  
we will create an environmentally friendly business model  
with the ASEAN market in mind.

# Partnership With a Local Car Manufacturer Almazora Mortors Corporation

Having established a factory in the Philippines, we will educate our staff, and actively work on creating a market for electric three-wheeled vehicles in the area.

**500** Units  
Per Month  
Sales/Production System

# Corporate Philosophy

With the spirit of harmony  
Pursue technology improvement and  
Strive to complete our responsibility

**Working Wild Mind**

Masato Oda

**-To Change Into A High Motivated Company-**

## BEMAC Philosophy

1. Respect Individual and Fulfill the Responsibilities
2. Provide the Best Service in the Best Way
3. Maintain Small Scale Company Status
4. Image the Success and Advance Forward
5. Honor the Principle and Determination for the Innovation

# Go forward

Until the end  
With a never  
Give up  
Mindset

Go forward—.

This is a word that Chuji Kitajima, the Meiji University rugby club coach for 67 years since 1929, kept on telling his team until 1996 when he reached the end of his days.

“Over and over again, one is crushed and rises again, and is again crushed and rises. Even such repetition, if it leads to a firm step towards the goal, then that is all we ask.”

This “go forward” principal is what we at BEMAC Uzushio Group have followed and continue to hold as our “philosophy.”

This short word tells us to “have a never give up spirit.”

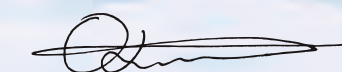
In life and at work, the times we lose when losing seemed improbable, are when we give up. The times we win when winning seemed improbable, are when we did not give up until the end.

Behind our determination to compete in the global market, the word “go forward” lies in a place deep in our hearts.

History of BEMAC Uzushio Group has a repetition of overcoming multiple obstacles and bravely venturing into new businesses.

Based on our “go forward” philosophy, we will continue to challenge ourselves even further and strive very hard.

CEO & President **Masato Oda**



# Beam Metrical Industry

“Beam Metrical Industry” is a company that contributes to the environmental cycle of our society through products that create, maintain, and enhance the flow of electricity.

## World Class Technology

Through our continued exploration of marine electricity, we have grown into a general contractor that can cater to any needs regarding electricity and information on ships.

## Pursuit of the Essence

We have achieved total engineering that covers the operation, loading, and management of ships. Our holistic approach and pursuit of the essence of electronics make our products reliable.

## Contributing to Society

Not only through marine transportation, but also through electricity distribution control activities in onshore plants, we help build the foundation for society, and will continue to strengthen our links with society through electricity.

**Creating, maintaining, and enhancing the flow of electricity.  
This technology will lead to further innovation.**

Through the comprehensive research of electricity, BEMAC is developing not only products for motive power and cargo management, but also a wide variety of services in the utility field such as LED lighting. We are also developing storage battery technology for an electric energy recycling system among other projects. Day-by-day, we are giving shape to revolutionary new ideas and products with an environmental perspective.

## Company History

# A History of Challenge and Leaps Forward

- 1946 Shigeru Oda founds the storage batteries company Uzushio Denki Shokai at the front entrance of his house
- 1950 Shigeru's eldest son Michitoshi joins the company. Studies storage battery technology, and starts production  
Receives Hashihama Shipbuilding Co., Ltd. electrical construction contract work
- 1953 Accepts ship rigging construction orders  
Becomes electrical work contractor for Kurushima Dock Yard Co.
- 1954 Yu Ito joins, and the company gains reliable skills  
Electric circuit construction work that required skills in design and execution
- 1956 Reorganizes the company as Uzushio Electric Co., Ltd.  
Ship rigging business for Kurushima type standard ship becomes brisk. Accumulates skill and experience  
Starts electrical work for Asakawa Shipbuilding Co., Ltd. Also starts wholesale of household appliances
- 1960 Becomes electrical hull fitting contractor for Imabari Shipbuilding Co., Ltd.
- 1964 Establishes the Namikata Factory.  
Switchboard production gains momentum
- 1969 Invents the hoop type electric circuit
- 1970 Establishes new factory in Onishi-cho. Implemented an integrated system that corresponds to the automation of ships  
Michitoshi becomes president
- 1975 Establishes Tokyo Office (Next year, changes name to Tokyo Sales Office)  
Ambitious to expand abroad  
Starts business partnership with De Hoop  
Ready to provide services in Europe
- 1976 Celebrates 30 years' anniversary of foundation  
Confers a portrait bust on company chairman Shigeru
- 1977 Fights together against depression  
Establishes Ushio Reinetsu Co., Ltd.
- 1978 Puts effort in developing products used above ground.
- 1979 Chairman Shigeru passes away
- 1981 Production development gains momentum  
Receives technology transfer from Mitsubishi Electric Nagasaki Works  
Transfers headquarter functions to Onishi
- 1982 As innovation in technology takes place, company aims to be independent through technology developments, and sets its goal to 20 billion yen in sales  
Develops the data logger UMS-35
- 1986 In order to strengthen the onshore division, opens Osaka Sales Office



# 1946



# BEMAC

# 2010

- 1988 Self-developed new product, data logger UMS-1600
- 1991 Newly establishes Marugame factory  
Expands the main factory with the newest manufacturing equipment  
Installs Turret punch presses in the main factory
- 1995 Masato Oda joins the company. Gets ready for the next leap forward
- 1996 Celebrates 50 years' anniversary of foundation  
Develops UMS-50  
UZUSHIO communication center(UCC) completed
- 1997 Receives ISO9001 certification  
Receives Lloyd's Register certification
- 1999 Osaka Kiden Co., Ltd. becomes a group company
- 2001 Opens the door to the 21st century with the new management philosophy "Beam Metrical Industry"
- 2002 Sends the corporate brand "BEMAC" to the world
- 2003 Releases BEDATA series as BEMAC product line
- 2004 Establishes BEPAM (Hanoi, Vietnam), the first overseas production factory  
Establishes BECON (Dalian, China)  
Receives OHSAS18001 certification
- 2005 BEPAM starts full operation
- 2006 Celebrates the 60th anniversary of foundation  
Michitoshi Oda becomes chairman  
Masato Oda becomes president  
Enters into a business partnership with Schneider Electric in the field of high voltage main switchboards for ships.
- 2009 Establishes an overseas subsidiary in Singapore.
- 2010 The long awaited new "MIRAI Factory" is finally completed next to the National Route
- 2013 Establishes BESTA (Singapore)  
Strengthens base for ship business in Singapore  
Establishes BEET (Manila, Philippines)
- 2014 Starts sales of 68VM
- 2015 Announces new car BEET 68VM  
Celebrates 10 years' anniversary of BEPAM  
Receives an order for 3,000 units of 69VM from ADB  
Imabari Shipbuilding Co. completes 14,000 TEU mega-sized container at the Hiroshima Factory
- 2016 Celebrates the 70th anniversary of foundation
- 2018 Moves Tokyo office to Tokyo Midtown Hibiya  
Establishes Tokyo Data Labo
- 2019 Changes the company name to BEMAC Corporation



# Beam Metrical Industry

Created the Corporate Brand from the Management Philosophy

# BEMAC

New mainstream creation in pursuit of beam metrics

**BEam  
Metrical  
Alternative  
Creation**

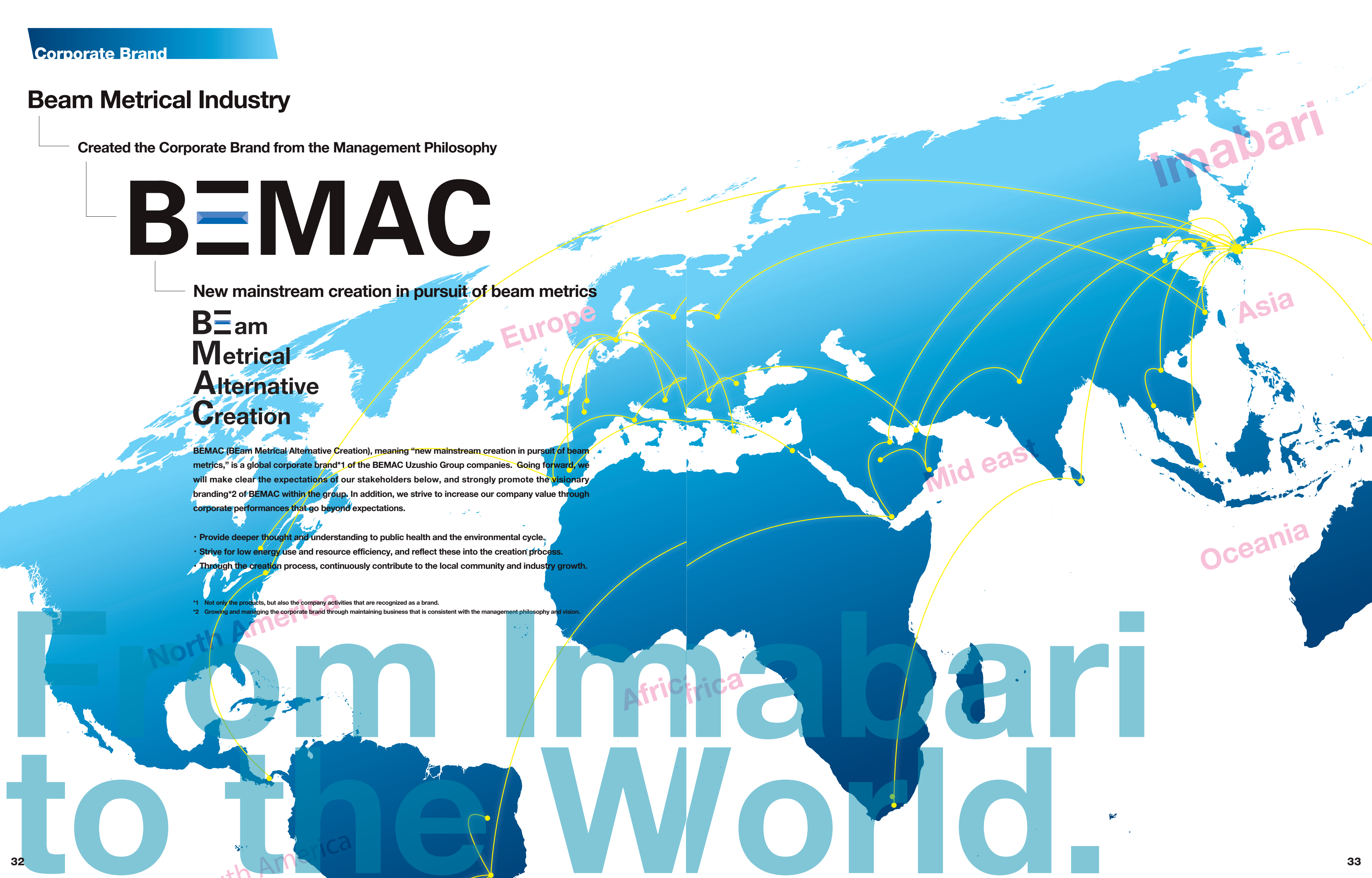
BEMAC (BEam Metrical Alternative Creation), meaning "new mainstream creation in pursuit of beam metrics," is a global corporate brand\*1 of the BEMAC Uzushio Group companies. Going forward, we will make clear the expectations of our stakeholders below, and strongly promote the visionary branding\*2 of BEMAC within the group. In addition, we strive to increase our company value through corporate performances that go beyond expectations.

- Provide deeper thought and understanding to public health and the environmental cycle.
- Strive for low energy use and resource efficiency, and reflect these into the creation process.
- Through the creation process, continuously contribute to the local community and industry growth.

\*1 Not only the products, but also the company activities that are recognized as a brand.

\*2 Growing and managing the corporate brand through maintaining business that is consistent with the management philosophy and vision.

# From Imabari to the World.



Imabari

Europe

Asia

Mid east

Oceania

Africa

North America

South America

# BEMAC World Wide Network



**24/7/365**  
**Service**

**We will respond within 24 hours**

- Sales
- After Service
- ISES(International Ship Electrical Service)
- BEMAC Group Company

**ACTech Ltd.**

60 Mesologiou Str. 185-45, Piraeus, Greece  
TEL.+30 210 46 30 825 FAX.+30 210 46 30 725

**Chan Ta Machinery & Electric Co., Ltd.**

No.209 Wandan Rd., Daliao Dist., Kaohsiung City 83167, Taiwan  
TEL.+886 7 781 3163 FAX.+886 7 781 3167

**FAR EAST MARINE SERVICES,LLC**

8833 Knight Road Houston, Tx 77054 USA4  
TEL.1-713-676-2340 FAX.1-713-676-2461

**Fuji Trading (Marine) B.V.**

Kortenoord 2-8, 3087 AR Rotterdam, The Netherlands  
TEL.+31 10 429 8833 FAX.+31 10 429 5227

**Hai Cheung (China) Limited**

8/F, Juyang Tower, No.1200 Pudong Avenue, Shanghai, China  
TEL.+86 21 6888 9889 FAX.+86 21 6329 3888

**Mackay Marine, Inc.**

World service Department, 921 Seaco Avenue  
Deer Park, Texas, U.S.A 77536-3173  
TEL.+1 281 478 6245 FAX.+1 212 500 0013

**Marine Diesel Italy S.r.l.**

Via G.B. Guarini 40 57121 Livorno Italy  
TEL.+39 0586 428118 FAX.+39 0586 406892

**Marine Electrical Technical Services**

Unit2, 29B Auckland Street, Paarden Eiland Flamingo Square,  
7439, Cape Town, South Africa  
TEL.+27 21 510 1606 FAX.+27 21 511 8742

**Maritronics**

Al Jaddaf Ship Dockyard Shed No.72 Al Jaddaf, Dubai, U.A.E  
TEL. +971 4 324 7500 FAX.+971 4 324 2500

**Maritronics India Pvt. Ltd.**

176, Sector-17, Nerul(East) Navi Mumbai-400706, India  
TEL. +9122 27700618/19/20 FAX.+9122 27700620

**Metalock do Brasil Ltda.**

Rua Visconde do Rio Branco 20/26 CEP:11013-030 Santos, SP, Brazil  
TEL.+55 13 3226 4686 FAX.+55 13 3226 4680

**NIPPON DIESEL SERVICE GmbH**

Hermann-Blohm-Str.1, 20457 Hamburg, Germany  
TEL.+49 40 31 7710-0 FAX.+49 40 311 598

**Regal Mare Inc.**

1, Kanari Str.&79, Akti Miaouli 185 37 Piraeus, Greece  
TEL.+30 210 42 83 500 FAX.+30 210 42 83 580

**Reson Electronics INT'L INC.**

12F, No.1-26, Kuoh Jiann Rd., Chien Chen Dist.,  
Kaohsiung City806, Taiwan  
TEL.+886 7 815 0036 FAX.+886 7 815 1438

**Senkori Trading (DALIAN) Co., Ltd.**

1102 Swish Hotel 21 Wuhui Road Zhongshan District 116001, China  
TEL.+86 411 82302811 FAX.+86 411 82302002

**Singapore Daito Engineering (Pte) Ltd.**

No.19, Tuas, South Street 5, Singapore 637650  
TEL.+65 6261 4715 FAX.+65 6265 1055

**Sole Solution**

#21, Mieumsandan 2-Ro, Gangseo-gu, Busan,Korea 618-260  
TEL.+82 51 264 9447 FAX.+82 51 264 9441

# Marine Plant Business

Electric Work

Instrumentation  
& Network

Power Control

Power generation  
/ Distribution control

# EV Business

# Industrial Plant Business

# Marine Business



As a leading manufacturer of electronic devices for ships, our company performs everything from design, manufacturing, and installation to maintenance of control systems and power distribution systems for electronic equipment in general.

Also, we are the only company in Japan that can provide electrical hull fittings, electric work, and important electronic devices for power generation and distribution control, instrumentation, network, and power control all at once. Through our abundant experience and achievements, we provide original equipment and systems for each ship and have been deemed reliable by marine transportation and shipbuilding companies from Japan and abroad.



## High Voltage Distribution Panel

BEMAC's high voltage distribution panels are used in LNG carriers and large containers that need high capacity power generation systems. We have received type approval certifications from each classification society and have achieved high reliability and security.



- We align products with cutting edge security and conditions for ship and marine equipment, and rules (ISO, IEC)
- Obtained type approval from each classification society
  - Lloyds Register (LR)
  - Registro Italiano Navale (RINA)
  - Det Norske Veritas (DNV)
  - Bureau Veritas (BV)
  - Germanischer Lloyd (GL)
  - Class NK (NK)

- Tested according to IEC62271-200
  - Impulse Withstand Voltage Test
  - Short-Time Withstand Current Test
  - Temperature Rise Test
  - Protection Level
  - Input Capacity of Switchgear
  - Power-Frequency Withstand Voltage Test
  - In-Board Arc Fault Test
  - Mechanical Operation Test
  - Breaking Capacity of Switchgear
- Adapted to ship environment
- Metal-clad type structure
- Mechanical interlock for earthing switch and circuit breaker
- The circuit breaker can be removed and inserted while keeping the door closed
- Achieved 570mm compact board width

## Introducing Main Products

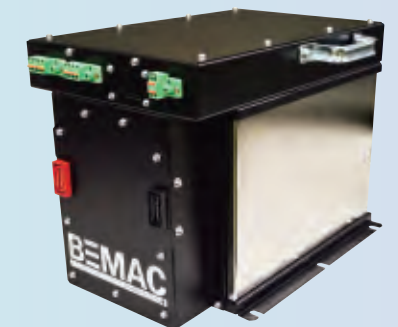
### Supervisory Panel



A device that performs surveillance, control, and alerting regarding the progress in cargo handling. With the **B-Data** series, we build reliable systems with high performance catered to the needs of each ship type.

- We strive for ease of use, reliability, and extensibility for anytime, anywhere, and anyone.
- Easy to connect with other systems (onboard LAN, cargo system, and various control/measurement boards)
- Equipped with a web server, the product allows monitoring through a general purpose web browser, and can read, write, and modify data.

### BMS (Battery Management System)



Our unique battery management technology allows for improved security even onboard ships, and lithium-ion battery packs with long life and large capacity are made possible. The technology made it possible to establish systems adjusted to the power usage in the ship, and realizes an optimal charging and discharging cycle that improves power generation efficiency and contributes to saving energy and saving our environment.

### DPS (Dynamic Positioning System)

A system that maintains the position and direction of a ship by only using the propulsion unit mounted on the ship. It keeps the ship at a fixed point using little energy by efficiently controlling the propulsion unit against outside disturbances such as wind and tides.

# Industrial Plant Business

We provide everything from manufacturing, sales and installation to maintenance for power generation equipment – this includes: emergency power generation equipment and cogeneration systems; control systems and distribution systems for commercial buildings, manufacturing factories, water processing facilities and independent power producers – all in one place.

Due to this, we are capable of catering to various needs of factories, commercial facilities, entertainment facilities, hotels, commercial buildings, hospitals, and the like, and have gone beyond Japan and have been exporting products to countries around the world. This is a strength our company holds due to a long history of accumulating experience and knowledge, and we strive to respond to today's demand such as environment friendly and power saving products.

## Customer Service

### Customer Service

We carefully cater to the needs of our customers by providing an integrated service ranging from design to installation and customer service for everything to do with onshore plants including power distribution control and telecommunication. In addition, our world-class manufacturing technology provides excellent performance at onshore manufacturing work and quality assurance.



## Introducing Main Products

### Power Distribution System



Electrical systems of electric power companies are connected to all kinds of consumers, from commercial customers to households, forming a network. The power distribution board is required for protecting this network from electric accidents caused by the users.

### Power Generation Control System



We manufacture control boards that can manage the usage of electricity generated in a highly energy efficient manner by keeping the generator, engine, boiler, pumps, and the like at the best condition.

### Plant System



A plant system is formed of boards and is designed such that the control equipment, gauges and meters, sensors and other such apparatuses are appropriately put together so as to work efficiently and automatically.

# EV Business

In the Philippines, there are currently 3.5 million or more tricycles running, and are causing serious air pollution due to gas released. By introducing our electric tricycle "E-TRIKES," we aim to improve the living environment and increase income for the drivers.

## E-TRIKES Business

### PCU Packages Sales Business

We aim to supply PCU packages to E-TRIKES manufacturers in the Philippines and Southeast Asia by using our technology and knowledge accumulated through E-TRIKES.

### EV Conversion Business

Not just changing conventional gas powered vehicles to electric vehicles, we cater to the technical elements that users demand. Through EV conversion, we will add new value to the market by CO2 reduction and effective usage of resources.



Top Speed	50kph
Cruising Range	60km
Length	3,300mm
Width	1,440mm
Height	1,820mm
Riding Capacity	6+1

We took into account the needs in ASEAN and performed various tests regarding reliability, durability, and resistance to environment.



12,000km driving test



Submerged Road Driving Test



Climbing Hill Test (up to 16 degrees of inclination)

## Envisioning the ASEAN Market (10 Million Units)



## The Philippines Sales/ Production System

We established a production line in a factory of our partner manufacturer "Almazore Motors Corporation."

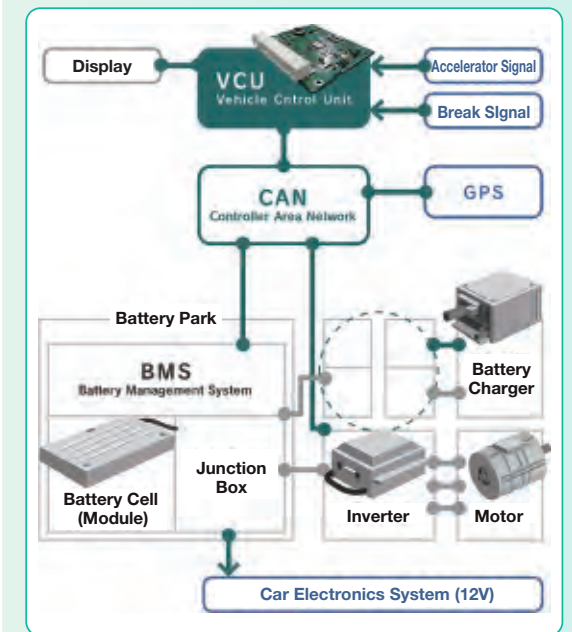


Factory Location : SPV3 Building 3A, Block15 Lot26a,9th street Golden Mile BusinessPark Barangay Maduya Carmona, Cavite, 4116 Philippines

Lot Area : Approx. 13,500m2  
Production Capacity : 500 Units Per Month  
Start of Production : January 2015

## Introducing Main Products

### PCU (Power Control Unit)



This includes VCU (Vehicle Control Unit) that maintains the various components of EV at ideal conditions, motor, inverter, lithium-ion battery, and the like that are necessary for manufacturing EV.

### E-Trikes

General Market Model (68VM)



Government of the Philippines PJ Model (69VM)



### Conversion EV

Sambar EV



# What Makes Your Work "Worthwhile"?

To become a true Uzushio Person BEMAC employees must improve themselves every day.



一期一会  
お客様の心に残る  
おもてなし  
秘書課 E.K

一人じゃ絶対にできない仕事！  
全員で造り上げた  
船にはロマンがある。  
第二電装課 S.K

いつも明るい笑顔の対応で  
お客様に喜んでいただけたり、  
現場の方の役に立っていると  
感じた時。  
電装工程管理課 E.M

「やったことないからやらない」  
ではなく  
「やったことないからやってみよう！」  
の気持ちで、自分のスキルアップ  
に繋がる。  
海洋配電課 D.S.

立会い検査時、お客様に  
製品を拝見されると  
嬉しです。  
検査-課中.O

人からのありがとう  
助かりましたの言葉です。  
大西物流 T.Y

仕事をやり遂げて、  
製品が完成した時！！  
陸上組立課 C.Y

みんなの笑顔が  
やりがいです！！  
経理課 I.M.

「多様な業務に携わり  
色々な経験ができた時」、  
「誰かの役に立てたと実感できた時」  
にやりがいを感じます。  
人事総務課 M.O

お客様の  
笑顔をみること♡  
秘書課 Y.N



色々な業者と繋がりが持てて  
確認し合っている作業が  
終わり、船が出航するときを  
見た時。  
無線課 K.H



試行錯誤の積み重ねで、  
プロジェクトが少しずつ力をつけて  
いる事に、ロマンを感じる。  
インバージョングループ T.K

不可能だった  
ことを可能にする  
常に挑戦者！！  
海洋計装 K.N.

おんなじ悩み苦労して  
作った製品が現場で実際に  
動いているのを見るとき  
達成感が次の仕事に繋がる。  
陸上組立課 M.U

開発した製品が  
認められた時の喜び！  
海洋エンジニアリング課 H.H

お客様や他部署の方から  
「ありがとう、助かりました」の  
言葉もらった時  
一番やりがいを感じます。  
海上営業課 R.N



自分の作った計画で  
工場が動いているという  
責任感  
製造工程管理課 S.A.

新しい仕事を任せられ  
それをやり終えたときに  
達成感とやりがいを感じます  
波方物流課 Y.O

トップマネジメントの想いや考えに  
触れながら、わずかにVZの将来を  
形作るための一端に携わっている  
ことが、やりがいにつながっている。  
経営企画課 R.M

難しいことをやり遂げた  
時の達成感を得るために  
日々、精進すること。  
工作課 Y.K

自分が関わったシステムが  
社内で動き出した時！！  
システム企画課 Y.N

ものづくりの楽しさと  
目標通りに配線を  
終わることができたときの  
達成感。味わえること。  
海洋組立二課 H.H

船を無事に発着させて、  
船員や船員の家族の人たちに  
安心・安全をお届けしている  
ことが「やりがい」です。  
第二電装課 T.W

「モノ」を具体化し、  
モノづくりの中核部隊  
生産設計課 Y.S.



## Working Wild Mind

To become a highly motivated company



## About BEMAC

BEMAC has a lot more appeal than what we have discussed so far! Here, we would like to introduce a few of them.

# MIRAI Factory

The MIRAI Factory was completed on March 21, 2010. The number of requests we receive for visiting the factory with its unique design has increased since completion, and we are actively accepting tours such as those with elementary schools and junior high schools in the city. We have had 10,000 visitors so far. (As of April 2019)



Basic Data	
Structure/	Reinforced Concrete,
Floor No.	5 Stories
Lot Area	31,477 m <sup>2</sup>
Floor Space	12,658 m <sup>2</sup>

## Detailed Company Newsletters

Six issues are published each year, and each newsletter has around 50 to 60 pages with a wealth of information on our company's business, events, and the like! Once you start reading these, you may become a BEMAC master!?



## Various Company Events

### No.1 Company Softball Tournament



A big company event hosted each fall with the greatest number of participants. Around 300 employees can use this opportunity to communicate with divisions that they don't usually communicate with. A hot event within the company. Perhaps it is popular because both men and women participate?!

### No.2 Company Mini Soft Volleyball Tournament



Just like the company softball tournament, around 30 teams participate in this event. This is also a mixed event, so team work is more important than individual talent.

### No.3 Company Golf Competition



Including the president, the BEMAC Uzushio group has a lot of golf players and around 80 employees show off their skills every spring and fall.

### Company Outing



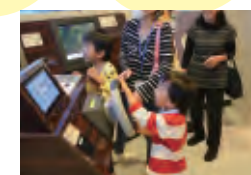
### Company Bowling Tournament



### Company Onmaku Festival



### Workplace Tour



Others

## Being Close to the Community

The company chairman, Oda, has been involved with the "Onmaku" festival since its start, and has also changed the autumn festival to a summer festival in hope to create a summer festival that everyone in Imabari can enjoy. In addition, we are striving to be a company that walks together with the local people, and one of such activities include recently becoming the official sponsor of "FC Imabari."

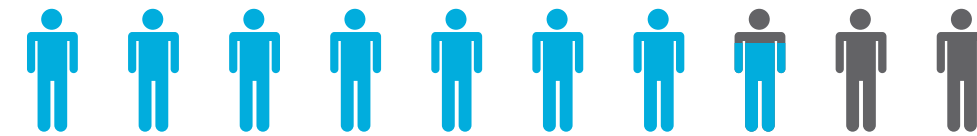


## Ratio of Male and Female Employees

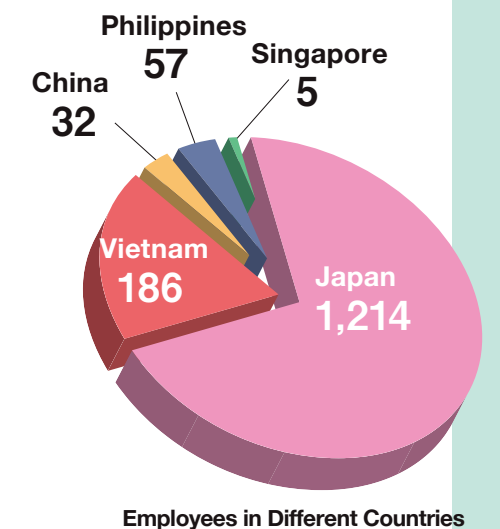
Women are active in our company!



BEMAC Employee Number (Including Part Time)  
951 Employees  
Male...770 Female...181  
(As of April 2019)



BEMAC Uzushio Group Employee Number (Including Part Time)  
1,511 Employees  
(As of April 2019)



Employees in Different Countries



## Delicious Company Food

There is the MIRAI cafeteria in the fourth floor of MIRAI Factory, and many people working in the factory use the cafeteria for lunch. Not only you can get a balanced diet, but you can also choose the amount of rice or noodles you eat.

## Benefits

In addition to various company events, we also have good welfare.

### Company Dormitory



From the left you see, Peach House (Namikata), Ocean Place (Mihara), and Aqua Garden (Saijo)

### Birthday Cake



You can get a tasty birthday cake from our group company Glip Corporation.

### New Year's Gift



In the New Year, the company president will give your child a New Year's Gift.

## Salary Given by Hand

Understanding that giving your wife cash as the head of the family leads to trust, we continue to hand monthly salaries in cash.

## In-house Japanese Baseball Club BEMAC TRITONS Activities

The BEMAC TRITONS were created in 2010. At the start, the team was in the C-level class, but the team's performance in tournaments was recognized and the team was promoted to B-level in 2012. Since then, the team kept on improving and participated in the national tournament in 2015. We look forward to the team's future activities.

BEMAC Tritons





Setouchi Area

**MIHARA**  
Mihara Factory / Saizaki Satellite Office /  
Takehara Office

**AKITSU**  
Akitsu Satellite Office

**NAMIKATA**  
Namikata Factory

**ONISHI**  
Onishi Factory

**MIRAI**  
Head Office, MIRAI Factory

**SAIJO**  
Saijo Factory

**SHIN-KASADO**  
Shinkasado Satellite Office

**TAKAMATSU**  
Takamatsu Branch Factory

**MARUGAME**  
Marugame Factory

Japan  
**18**

Locations

Employee Number

**1,000**

**UWAJIMA**  
Uwajima Satellite Office

**HAKATA**  
Hakata Office

**OITA**  
OITA Satellite Office

**OSAKA**  
Osaka Office

**GIFU**  
EV Gifu Group

**TOYOHASHI**  
Toyohashi Satellite Office

**TOKYO**  
Tokyo Office/Tokyo Data Labo

## Group Companies in Japan

### Osaka Kiden Co., Ltd.

**Location** [Head Office/Factory] Tsukuda 4-10-1, Nishiyodogawa, Osaka 555-0001  
TEL : (06) 6472-1651 (Representative) FAX : (06) 6472-1833

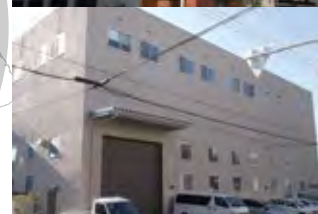
**Establishment** October 1958

**Capital** 48.5 Million Yen

**Representative** Representative Director and President Eiji Shiraishi

**Employee Number** 91 (April 2019)

**Products** Building, factory, water processing, control for onshore plants including cogeneration facility, power distribution, manufacturing and sales of electronic device, other electric work, and instrumentation work



### Glip Co., Ltd.

**Location** [Head Office] 1520, Onishicho-kuo, Imabari-city, Ehime 794-0062  
TEL : (0898) 53-6166 FAX : (898) 53-6168

[Stores] Gokujyo Kodawari no Odashi Kaon / Shinwashoku Anima / La Brise

**Establishment** July 2013

**Capital** 20 Million Yen

**Representative** Representative Director and President Masato Oda

**Employee Number** 39 (April 2019)

**Business Description** Health food, health/beauty equipment, quasi-drug, cosmetics, retail and mail-order sales of other life products, online sales, and restaurant management



*glip corporation*

### Future Rays Co., Ltd.

**Location** [Tokyo Head Office] 6F Kudan Airex Building, 1-14-21 Kudankita, Chiyoda-ku, Tokyo 102-0073  
TEL : (03) 6265-4781 FAX : (03) 6265-4782

[Osaka Office] 217 Oe Building, 2-8-1 Nishitenma, Kita-ku, Osaka, Osaka 530-0047  
TEL : (06) 6130-8002 FAX : 06-6130-8042

[Hiroshima Office] 404 oazo Building, Matsukawacho, Hiroshima Minami-ku, Hiroshima 732-0826  
TEL : (082) 569-7743 FAX : (082) 569-7704

[Nagoya Office] NAYUTA BLD 7-22, 3-17-24 Marunouchi, Naka-ku, Nagoya, Aichi 460-0002  
TEL : (052) 684-8017 FAX : (052) 684-8225

**Establishment** October 2006

**Capital** 99 Million Yen

**Representative** Representative Director and President Takayuki Nakai

**Employee Number** 111 (April 2019)

**Business Description**

- Main Business Improvement Business improvement support consulting/ system concept development support consulting/ ERP package implementation consulting/ software development/ systems operation and protection
- Business Management Improvement Data analysis consulting/ BI implementation consulting/ management plan development process/ improvement consulting



## Overseas Group Companies



### BEMAC STAR ASIA PTE. LTD.

**Location** 1 Maritime Square, #09-31 & 32 Harbourfront Centre, Singapore 099253  
TEL : +65-6884-7989 FAX : +65-6884-7980

**Establishment** February 2013

**Capital** 597,500 USD

**Representative** Representative Director and Chairman Masato Oda

**Employee Number** 10 (As of April 2019)

**Business Description** Opening new markets with sales of electronic devices and systems for ships in Asia excluding Japan, engineering, and customer service as the main businesses. In addition, with funding from the sister company Ushio Reinetsu Co., Ltd., the companies are moving forward with collaborating on expanding various services for air conditioning, freezing equipment, and elevators for ships.



### BEMAC PANELS MANUFACTURING VIETNAM CO., LTD.

**Location** Plot B-17, Thang Long Industrial Park, Dong Anh Dist., Hanoi, Vietnam.  
TEL : +84-24-3951-6412 FAX : +84-24-3951-6413

**Establishment** April 2004

**Capital** 5,800,000 USD

**Representative** Representative Director and Chairman Masato Oda

**Employee Number** 209 (As of April 2019)

**Business Description** Design and production of various switch boards, starters, meters, and the like for ships



### BEMAC CONTROL (DALIAN) INC.

**Location** 2014 Foreign Economic & Trading Building, 219 Huanghe Rd, Xigang, Dalian, Liaoning  
TEL : +86 - 411 - 83780472 FAX : +86 - 411 - 83780473

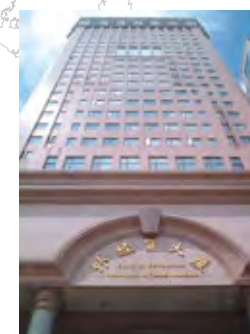
**Establishment** August 2004

**Capital** 150,000 USD

**Representative** Representative Director Masato Oda

**Employee Number** 23 (As of April 2019)

**Business Description** Development of various software for computers in ships, baseline design of ships, and on the spot adjustments for devices



### BEMAC CONTROL(DALIAN) INC. SHANGHAI BRANCH

**Location** Room 1002, 10F Long Yu Tower, 1036 South Pudong Road, Pudong, Shanghai  
TEL : +86-21-6876-6927 FAX : +86-21-6876-6928

**Establishment** September 2013

**Representative** Representative Director Masato Oda

**Employee Number** 7 (As of April 2019)

**Business Description** Maintenance of electronic devices for ships, and customer service in general



### BEMAC ELECTRIC TRANSPORTATION PHILIPPINES INC.

**Location** SPV3 Building 3A, Block 15 Lot 26a 9th Street Golden Mile Business Park, Brgy, Maduya, Carmona, Cavite  
TEL : +63-46-443-5447 FAX : +63-2-869-2222

**Establishment** March 2013

**Capital** 300,000,000 PHP

**Representative** Representative Director and Chairman Kazuo Nagai

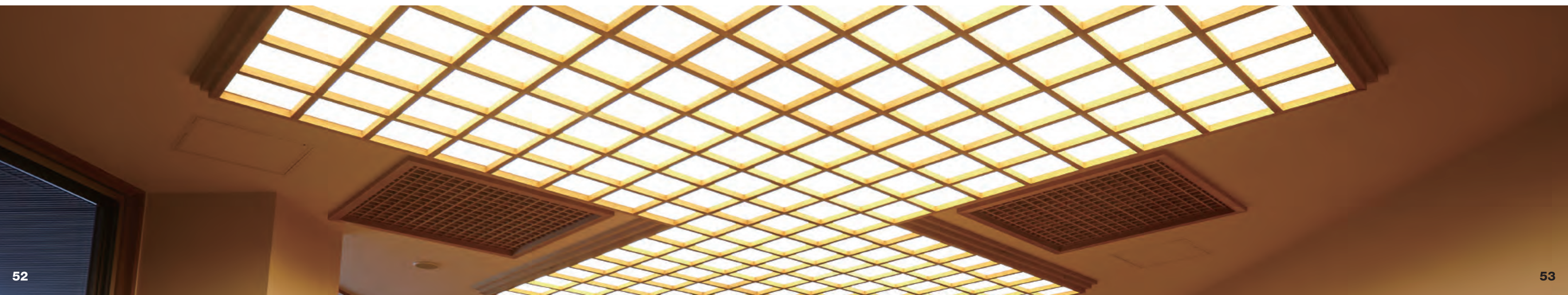
**Employee Number** 65 (As of April 2019)


**Business Description** Planning, development, production and sales, import and export, relicensing, periodic inspection, repair, and the like for electric tricycles, its main components, and related equipment

## About the Company



<b>Official Name</b>	BEMAC Co., Ltd.	<b>Mirai Factory</b>	105 Noma, Imabari, Ehime794-8582
<b>Found</b>	April 1946 (Company established in July 1956)	<b>Onishi Factory</b>	1520 Onishicho-kuo, Imabari-city, Ehime 799-2294
<b>Head Office Location</b>	105 Noma, Imabari, Ehime	<b>Namikata Factory</b>	1239 Namikatacho-gou, Imabari, Ehime 799-2110
	TEL : 0898-25-8282 FAX : 0898-25-3777	<b>EV Gifu</b>	3-30-1 Higashiuzura, Gifu, Gifu 500-8281
<b>Capital</b>	90 Million Yen	<b>Hakata Office</b>	Sumitomo Seimei Hakata Bldg. 9F, 3-2-8 Hakataekimae, Hakata-ku, Hakata-city, Fukuoka Pref. 812-0011 Japan
<b>Representative</b>	Representative Director and President Masato Oda	<b>Tokyo Office/Tokyo Data Labo</b>	32nd Floor, Hibiya Mitsui Tower, Tokyo Midtown Hibiya, 1-1-2 Yurakucho, Chiyoda-ku, Tokyo 100-0006
<b>Number of Employees of BEMAC</b>	951 (As of April 2019)	<b>Osaka Office</b>	2F Osaka Kiden Co., Ltd., 4-10-1 Tsukuda, Nishiyodogawa-ku, Osaka, Osaka 555-0001
<b>Number of Employees (Consolidated)</b>	1,511 (As of April 2019)	<b>Takamatsu Branch Factory</b>	2056-7 Tsuruichicho, Takamatsu, Kagawa 761-8032
<b>BEMAC Sales</b>	Approx. 25.8 Billion Yen (FY 2017)	<b>Toyohashi Satellite Office</b>	BEMAC Onsite Office in Shinkurushima Toyohashi Shipbuilding Co., Ltd., 22 Akemicho, Toyohashi, Aichi 441-8577
<b>Consolidated Sales</b>	Approx. 30.0 Billion Yen (FY 2017)	<b>Saijo Factory</b>	18-8 Hiuchi-higashihuchi, Saijo, Ehime 793-0003
<b>Business Description</b>	Manufacturing, sales, and installation of power control, power distribution, and communication devices for ships, buildings, factories, and facilities including onshore plants.	<b>Uwajima Satellite Office</b>	3-4-6 Bentecho, Uwajima, Ehime 798-0006
<b>Bank Transactions</b>	Mizuho Bank and others	<b>Marugame Factory</b>	6 Showacho, Marugame, Kagawa 763-0061
		<b>Mihara Factory Takehara Office</b>	Ocean Place, 3-1-7 Tadanouminagahama, Takehara, Hiroshima 729-2315
		<b>Saizaki Satellite Office</b>	7-15-20 Saizakinouji, Mihara, Hiroshima 729-2252
		<b>Akitsu Satellite Office</b>	3135-2 Akitsuchokazahaya, Higashihiroshima, Hiroshima 739-2403
		<b>Shinkasado Satellite Office</b>	BEMAC Onsite Office in Shinkasado Dockyard Co., Ltd., 29-120 Kasadoshima, Kudamatsu, Yamaguchi 744-0001
		<b>Oita Satellite Office</b>	1-11-34-1 Yokota, Oita-city, Oita 870-0263



**B**  **am**  
**M**etrical  
**A**lternative  
**C**reation

BEMAC Corporation  
[www.bemac-jp.com](http://www.bemac-jp.com)

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