

SUS

Product Applications

Vol.

4



NEW FACTORY

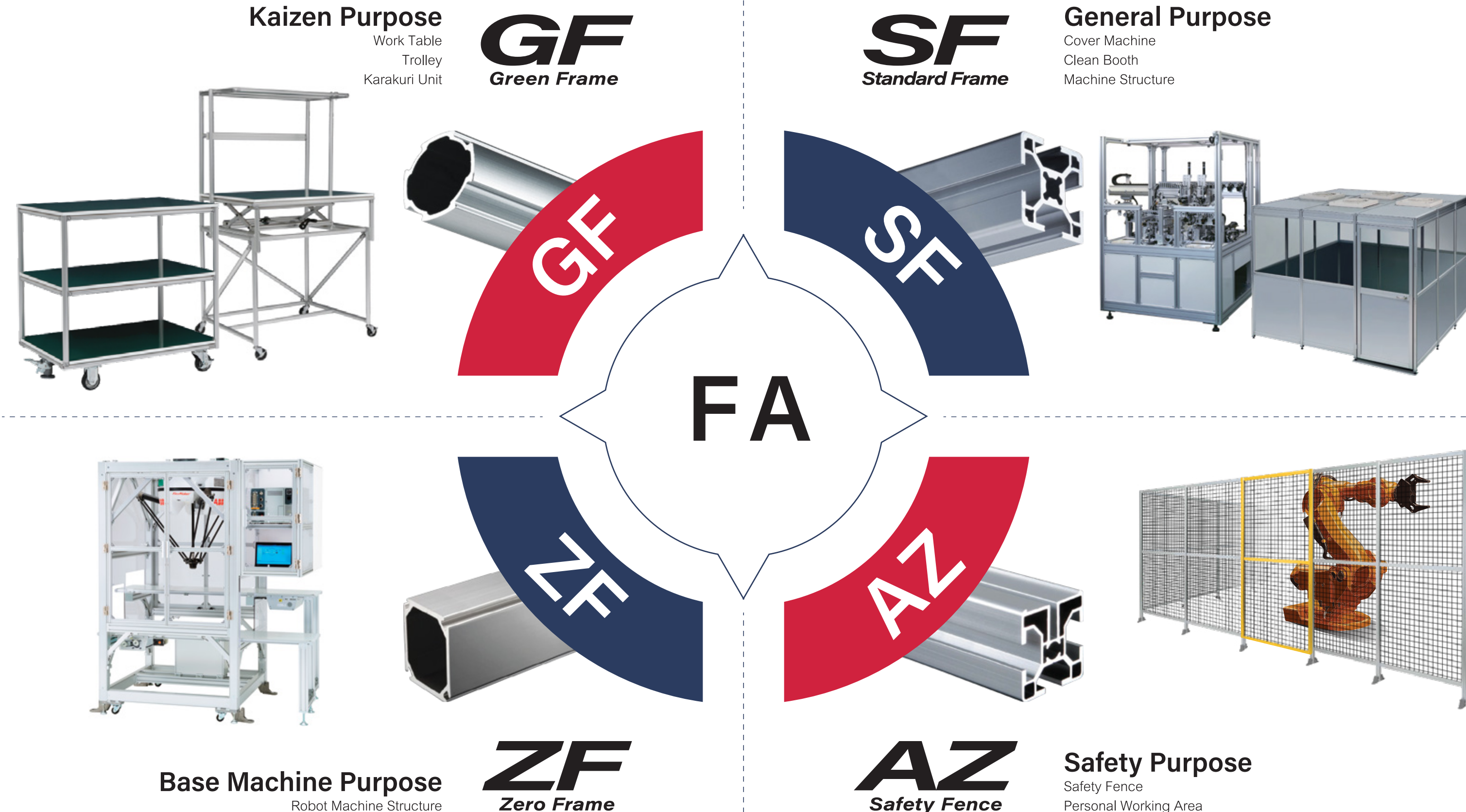
@ SUS BKK Amata City Chonburi HQ

SUS BKK 2021

Top Global Aluminum Frame Manufacturer

SUS hold the No.1 market share in aluminum profile.

We offer factory automation (FA) products with solution to improve the capacity and the quality of manufacturing sites using aluminum frames, extruded by ourselves, as well as various parts.



Available on your request

To reserve the **Caravan Car** or **Seminar Course**, please contact our sales branch in your area.



CARAVAN Road Show

Exclusive exhibition at your factory

Seminar Course

In-house or on-site seminar

Introduction Course

1

Smart Innovation DX Seminar

- How to improve the Smart Production Line ?
- What you can do with SUS products ?
- How to build DX with SUS products ?
- What is Snets and SiO ?
- Case study of Kaizen project

Advance Course

2

SiO Seminar

- Introduction of SiO Controller
- Why does SiO easier than PLC ?
- SiO programming
- Connecting and wiring
- Workshop

3

Karakuri Seminar

- Introduction of GF products
- What is Karakuri ?
- How Karakuri work for Kaizen ?
- Karakuri application
- Workshop

4

IAI Seminar

- Introduction of R-Unit
- Set up PLC with R-Unit
- RC interface programming
- XSEL programming
- Field network

SUS BKK System Upgrade Solution BKK Co., Ltd.

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Aluminum Frame

Because of its characteristic, aluminum frame is mostly used for site improvement or kaizen such as safety area, cover machine, office and factory equipment which widely used in many kind of industries included automobile, semiconductor, food & beverage, medical care, logistic, and etc.

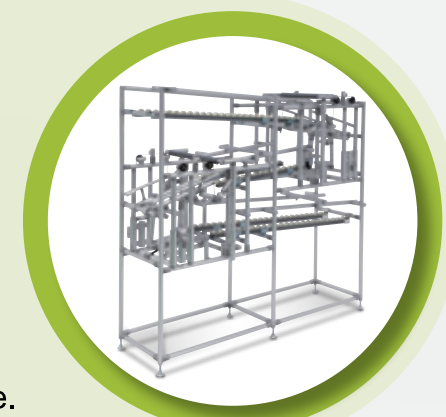
- Easy to assembly and modification.
- Lightweight, anti-static and no rust.
- Variation of items both frame and accessory.
- Clean and high reusability.



Karakuri

Karakuri Mechanisms utilize gravity and the natural weight of items to achieve simple automation. Many tasks that once required an operator can now be unmanned. Moreover, traditional karakuri mechanisms don't require electricity, operational costs are minimized for manufacturing.

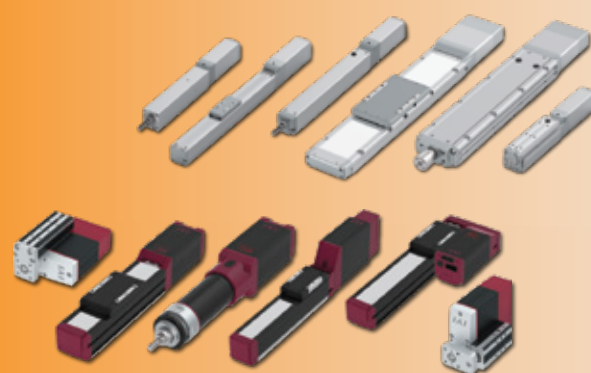
- Low cost automation.
- Best way to Kaizen.
- Reduce workload, manpower and workspace.



Logistics

Uses high-rigidity aluminum structural material, which is lightweight and resistant to rust, and support logistics work improvement. Available in variation application such as conveyors, robots, AGV System, trolleys, DPS System, and etc.

- Speed increase.
- Reduce error of operation.
- Labor-saving.
- Functional in limit working space.



IAI (Intelligent Actuator Incorporated)

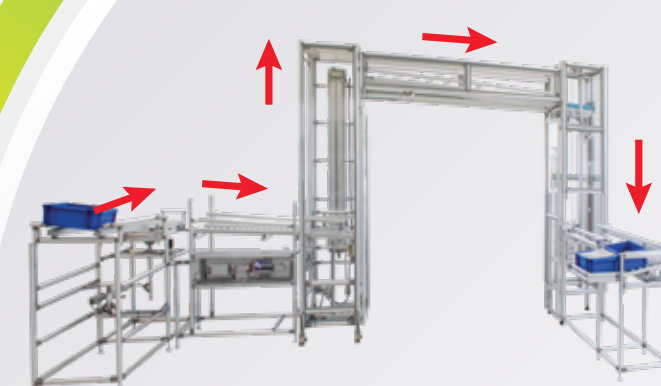
It's electrically driven actuator with a driver's structure as component such ball-screw, linear guide, servo motor, which will guide the movement between each position precisely. It also has a function to transfer workpiece inside the machine or production line.

- Increase the efficiency of production line.
- Cost reduction and labor-saving.
- High precision.
- Able to customize by purpose.

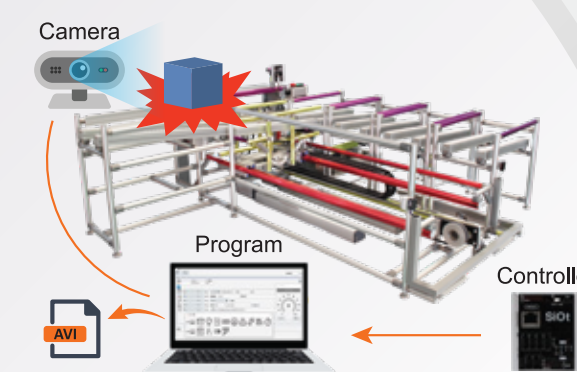


Kaizen · DX · IoT by Aluminum Product

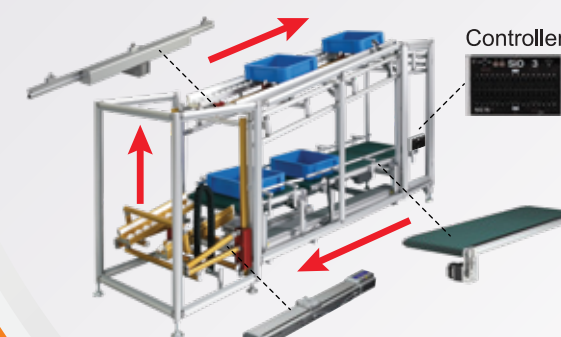
Not only aluminum profile, but we also serve the solution with technology and knowhow original by SUS.



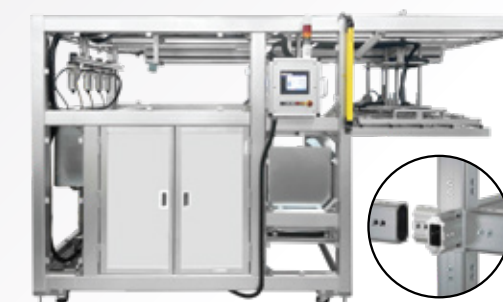
Hybrid Karakuri for kaizen



Connect and exchange data with devices and systems through the internet



Factory Automation (FA)



Machine structure base



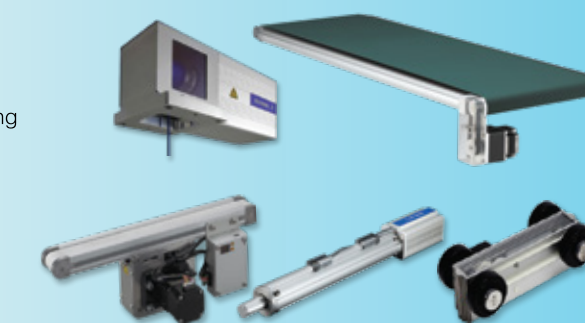
We are supporting **Engineering & Design** service.



EmA (Electric Movable Actuator)

Electric Movable Actuator is a device that can create movement of a load, or an action requiring a force such as clamping, using an electric motor to create the necessary force.

- Define movement along x, y, z axis.
- Stable movement in different planes.
- Easy to use and install without in-depth knowledge.



SiO (Electrical Control Equipment)

Simple input/output control system that makes electric automation accessible and easy for everyone. It works by setting the ON/OFF status of an input device to send ON/OFF commands to an output device.

- Easy to control the input/output system.
- Convenience for improvement.
- Simple programming and setting.
- On-site operator can process without an electric engineer.



Snets (Control System Products)

Providing standard products of control system products utilizing aluminum extrusion technology and control technology. It's such the standard products that do not require design.

- Box including switch "All in one".
- Easy to install and fast delivery.
- Common design as aluminum frame.



SI (Automation Machine Build)

SUS is a company originally founded as a system integrator. Providing optimal equipment using the strengths of aluminum frames and IAI robots. We propose automation to our customers with many years of knowledge.

- Technology experience more than 30 years.
- Cost merit by utilizing SUS original product.
- Specialist in inspection machine, loading machine and material handling machine.

