

Corporate Profile



For more than 88 years Sintokogio our parent company in Japan has been a world's leader and innovator in manufacturing industrial machinery, especially those related to the foundry business.

As a group company,Thai Sintokogio has worked very closely together with Sinto as well as other subsidiaries worldwide in order to provide superior quality products and services to our customers. After 26 years of dedicated hard work, the company has turned in a string of successful results over the past few years.

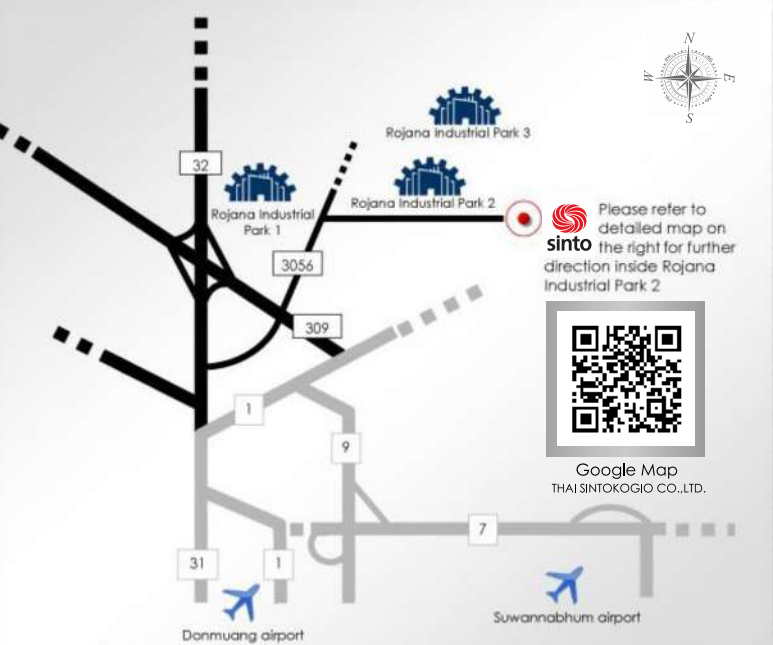
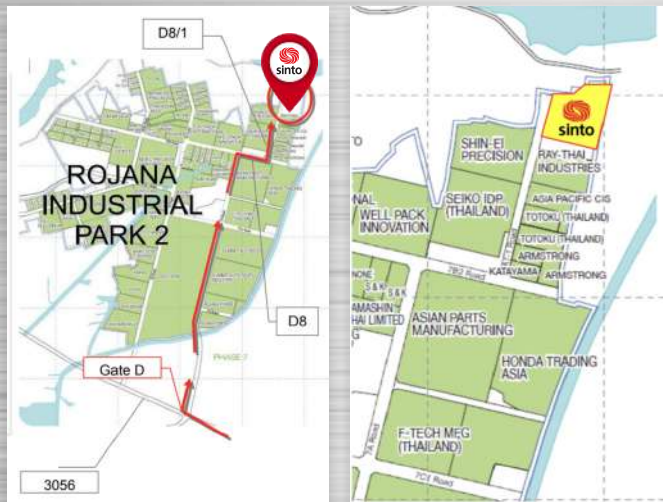
However, we will not rest on our laurels, and we remain strongly focused on improving our performance in order to maximize customer satisfaction. On behalf of Thai Sintokogio,I would like to extend my sincere thanks to our customers for their business, to our suppliers for their continuous support, and to our dedicated management and staff for their daily commitment to the company. My best wishes to all for good health and a prosperous future.

KAMPOL SRETHBHAKDI
HONORARY CHAIRMAN



Direction From Bangkok (Suwanabhum Airport)

Go straight on motorway No. 7 turn to outer ring toll road No. 9 (To Bang pain) then go straight across u-turn bridge to enter Phaholyothin road No.1 (To Saraburi) then turn left to Rajana road No. 309 (To Wang noi) go straight and turn right on to 3056 entering U-thai. Turn right at traffic light to enter Rajana Industrial park (Gate D) and go straight until arriving at T-junction then turn right to D8 and turn left again to D8/1. straight to the end of the road. Thai Sintokogio will be on your right side.



Asia

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Europe and Africa

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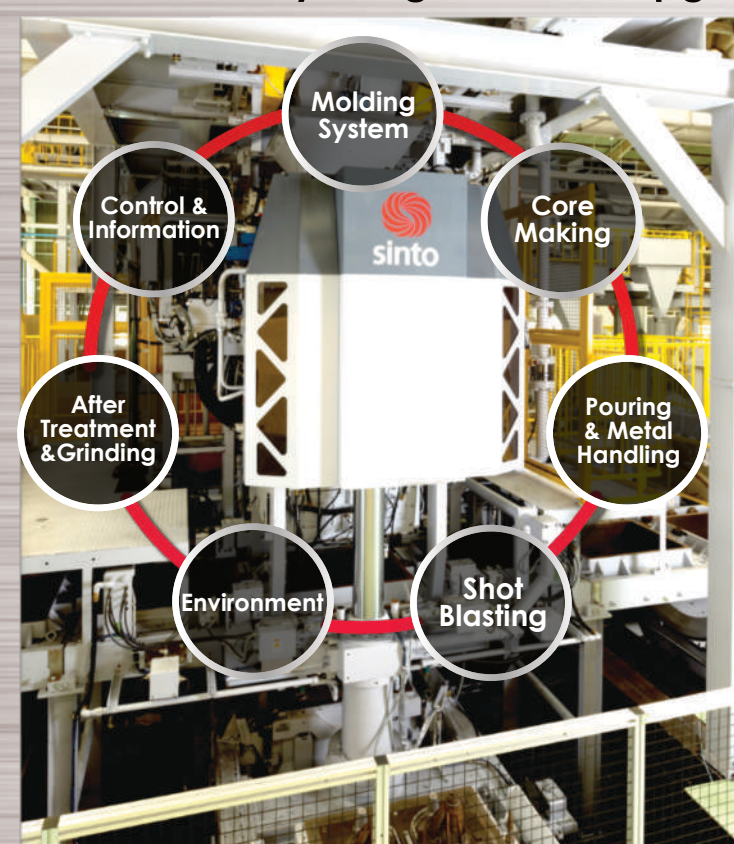


THAI SINTOKOGIO SINTOKOGIO GROUP



sinto FOUNDRY INTEGRATION

Sinto's "Foundry Integration" for upgrading castings and foundry systems



We offer the best foundry system, including process selection, according to the customer's product, production volume and production system

Better casting manufacturing

Casting systems friendly to the people and earth

Reliable casting manufacturing

~Introduction to the high-quality, low-cost Casting process

Aeration will change the casting methods and products.

Realization of uniform sand feeding as a basis for accurate casting process

Casting & Sinto

Changing casting methods and products

~Sinto's resolutions~



sinto WELLNESS CREATION

Environment For Harmony of Earth Man & Sinto

The dust, soot and smoke generated by the production process are removed to protect the inhabitants' and operators' health and the equipment

- Large dust collection**
- General purpose dust collection**
- Recycling granulation system**
- Effluent treatment**
- Exhaust purification Deo Thermo**

Import

Molding Machines with Aeration Sand Filling System



ACE SERIES / ACESX SERIES
Tight flask molding machine

- Uniform, highly filling molds are realized through aeration sand filling technology
- Draft angle is minimized
- Sand is eliminated and cut-off sand is minimized



LIFTING MOULDING MACHINE
type H3P / H3P-D

- Uniform, highly filling molds are realized through aeration sand filling technology
- Draft angle is minimized
- Sand is eliminated and cut-off sand is minimized



FDNX SERIES
Horizontal parting flaskless molding machine

- Simple Rate adjustable Molding Rate (RAM)
- 100% mold filling
- Excluding core setting time FDNX-0
- Aeration sand filling technology for producing high quality castings
- Ready to use just by turning on the power (100V-240V) Compressed air sand supply



FBOX SERIES
Horizontal parting flaskless molding machine

- Compact, single station type. Highly accurate pattern drawing and mold closing
- Molding Capacity of 200 molds/hr (FBOX-8) without core setting



FCMX SERIES
Flaskless molding machine

- Flaskless molding machine offers wide space for core setting by two-person operation
- The aeration sand filling system is used instead of the blowing system to ensure uniform sand filling density while maintaining the excellent features of the FBO Series.

Blow Molding machines



FBO(FBO-N) SERIES
Horizontal parting flaskless molding machine

- Flaskless molding machine offers wide space for core setting by two-person operation
- The aeration sand filling system is used instead of the blowing system to ensure uniform sand filling density while maintaining the excellent features of the FBO Series.

Sand Treatment system



Visualization system for quality of sand

- Unique sensor and controller for measuring sand properties
- Various ideas for better environment
- Space-saving system with high-maintainability

Pouring & Metal Handling system



The transfer system protects laborers from hot molten metal and makes a notable difference in quality casting through bringing the melt securely to the mold.

Precision Brushing Machine



EM-2MT
2-station table type

- Precision brushing machine EDGE MASTER Series
- Suitable for finishing edges of ground or polished parts



EC
Dry type Barrel Finishing Machine

- Environment-conscious equipment without water
- Treating capacity: 81 x 4-330



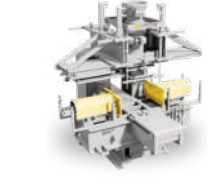
LE SERIES
Automatic core shooter

- Compact design with integrated gas unit and control unit
- For cold core hardening processes
- For small and light took up to 400 kg



LL SERIES
Automatic core shooter

- Completely integrated: Gas unit, control cabinet, control unit, hydraulics, and safety cabin
- For hot or cold core hardening processes
- Suitable for processing tools with up to 6 parts



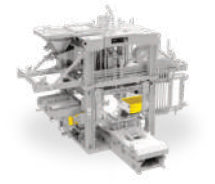
L-SERIES
Automatic core shooter

- For cold core hardening processes
- Shoot volumes of 1 to 100 litres
- For hot or cold core hardening processes
- For medium and large tools



LFB-SERIES
Automatic core shooter

- Shoot volume of 25 to 300 litres
- For hot or cold core hardening processes
- Single or multiple shoot heads



LHL-SERIES
Automatic core shooter

- High-performance machine for 24-hour continuous operation
- Single or multiple shoot heads



LBI-SERIES
Production booster

- High-precision dosing system with higher reproducibility
- Flow rate measurement by impulse turbine with actual visualization



LBI-LVMD MIXERS

- The LVMD mixer series is the extended version of the established LVM series, especially for large quantities of sand and for binder systems which are difficult to mix.



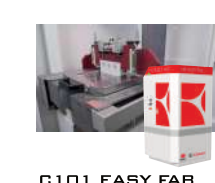
C101 EASY LAB

- Printer dedicated to research centers and universities for research and development
- Easy to use
- Optimized accessibility
- Shred/melting (Laser)



C 1000FLEXMATIC

- The 3D printer is dedicated to research centers and universities for research and development
- Easy to use
- Optimized accessibility
- Shred/melting (Laser)



C101 EASY FAB

- The 3D printer is dedicated to research centers and universities for research and development
- Easy to use
- Optimized accessibility
- Shred/melting (Laser)

Airblasting Machine



MY-30AP
Airblasting Machine

- Robust for high production. The 4-column table blaster line generates high air flow
- Cylinders and solid steel body-frame are of the foundation of the LFB Series

Shot peening Machine



ISPX
Tilting-type-shot peening machine

- Capable of positively controlling the peening quality
- Product rotating speed table position shot quantity
- Air pressure (blasting speed)

Core Making machines



CDRX
Shell core machine

- The CDRX Shell Core Machine uses "under-aeration" sand filling technology in which the sand becomes easier to move by fluidly improving filling in small areas and density of the sand to produce a better, stronger core.

Barrel finishing machine



LFB SERIES

- Robust for high production. The 4-column table blaster line generates high air flow
- Cylinders and solid steel body-frame are of the foundation of the LFB Series

Micro blasting (Microblaster)



EC
Dry type Barrel Finishing Machine

- Environment-conscious equipment without water
- Treating capacity: 81 x 4-330

OMEGA

Originally founded in 1984, Omega Sinto is the worldwidedeclaring manufacturer of foundry equipment for the chemically-bonded sand process.CWe are fully committed to fulfil our vision of being the preferred supplier of world-class solutions to foundriesaround the globe.

Sand Mixing



OMEGA 200
Sand Mixing

- The Omega 200 continuous sand mixer is an entry-level machine that gives high-mixing efficiency at a competitive price. The II series foundry mixer provides a cost-effective solution for your continuous mixing needs.



OMEGA 300
Sand Mixing

- The Omega 300 continuous sand mixer is a step up from our original II series model. Ideal for slightly larger foundries, the Omega 300 has an output range of between 3 and 60 tonnes per hour (TPH).



OMEGA 400
Sand Mixing

- The Omega 400 is the newest model in our continuous mixer range. We at Omega Sinto have developed the highest-IV series model. Ideal for slightly larger foundries, the Omega 400 has an output range of between 3 and 60 tonnes per hour (TPH).



OMEGA SPECIALITY MIXERS
Sand Mixing

- As a world-leading supplier of foundry machinery, Omega Sinto has a number of highest continuous foundry mixers available for any sized business. Our specialty mixers have been developed to provide extended mobility, reach and coverage compared with our standard continuous mixers.



OMEGA RFID PATTERN RECOGNITION
Sand Mixing

- Omega Sinto's capabilities go beyond manufacturing standard foundry machinery. Our RFID pattern recognition system has been specifically developed with innovative technology to aid production in the metal casting industry.

Sand reclamation



GAMMA VATOR
Sand reclamation

- Heavy duty shrouded deck made from S.G. iron (GV3)
- Low-level loading that can be fed directly from the cooling line maintenance
- Low-level maintenance



GAMMA 'LOW LEVEL' RANGE
Sand reclamation

- Shrouded deck with a magnetic separator
- Wear-resistant heavy-duty deck



COOLER CLASSIFIER
Sand reclamation

- Available in nine output capacities from 1-30TPH
- Omega Sinto has the capability to deliver below shipping stations to suit a multitude of different requirements.



SHAKEOUT DECKS
Sand reclamation

- Forward movement operator to prevent damage and improve longevity
- Anti-roll bar to collect excess sand
- Heavy-duty wear-resistant deck bars



THERMAL RECLAMATION
Sand reclamation

- Patented Deair Bed design with a three-year guarantee on furnace refractory and boiler caps
- Reducing blasting time for each cycle
- Also includes a recirculation thermal energy from hot sand to heat the fluidising air

Mould handling



OMEGA CAROUSEL
Mould handling

- Omega Sinto has six and eight station carousel systems available for standard applications as well as for integration into semi-automatic moulding plants.



OMEGA FAST LOOP
Mould handling

- For foundries with larger mould handling requirements
- Omega Sinto has the capability to deliver below shipping stations to suit a multitude of different requirements.



OMEGA ROLLOVER STRIPPING STATION
Mould handling

- As a leading supplier of complete mould handling systems
- Omega Sinto has the capability to deliver below shipping stations to suit a multitude of different requirements.



OMEGA SHUTTLE
Mould handling

- Omega Sinto has designed a shuttle system for the semi-automatic production of large boxed moulds that require varying fill and stripping times
- The shuttle includes a compaction table with variable frequency transfer car, curing stations, pattern prep, stations, mould stripping and coating.



COATING PLANTS
Foundry Equipment

- Coating plants play an important part in the casting process
- Coating plants play an important part in the casting process

Made in Thailand



TI-BMS
Budget mold automatic handling system for light flask/flaskless

- Full Automation (Reduce running cost)
- For hot or cold core hardening processes



TI-SAND SERIES
Table blast

- Sand preparation system (Capacity: upto 40t/hr) that retrieves, screens, cools, stores, mixes, and feeds to supply good quality sand can be equipped with both miller and agitator type mixing unit. Option features such as: C-Classifier, moisture control, and IoT monitoring system can be installed.



CND-II
Drumblast machine

- Efficient and uniform shot centrifugal stirring by drum rotation and vertical rotating achieves



MY-40E
Apron blast

- Heavy duty MY-40E can handle Maximum 100kg of workpiece. Its turntable roller operator to blast around edges and corners of workpiece.



TI-SNBX-II
Alumi - blast

- "Zero" shot blast. With the new design, TI-SNBX-II can bring about "zero" percent shot loss. This in turn leads to less abrasion, consumption expenses as well as creates safer and clean working environment.



TI-SHB-II-AL
Alumi - blast

- Touch panel with memory function for better performance. TI-SHB-II-AL is equipped with special roller to create safer and clean working environment.



TI-STB-2C
Zinc blast

- High performance SHB-200 Impeller
- Fast blasting superior quality drum with proper positioning of impeller unit directly at work piece in turn, faster blasting time compared with previous model. Because of faster production, useful life of spareparts is longer.



CNDX-01
Table blast

- Fast blasting superior quality drum with proper positioning of impeller unit directly at work piece in turn, faster blasting time compared with previous model. Because of faster production, useful life of spareparts is longer.



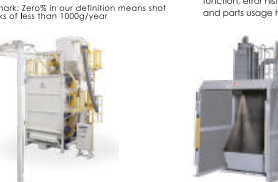
SNTX SERIES
Table blast

- Fast blasting SNTX is a new series of table blasting that has been totally redesigned in term of mechanical aspect.



SHBX SERIES
Table blast

- No damage of product surface
- SHBX4 is specially designed for blasting items that cannot be treated with tumbling ball application. SHBX4 produces superior protection for forged and casting products.



DZBX-2MT
Zinc blast

- No damage of product surface
- SHBX4 is specially designed for blasting items that cannot be treated with tumbling ball application. SHBX4 produces superior protection for forged and casting products.



KSB SERIES
Monorail blast

- Heavy duty and flexibility
- SHBX4 is specially designed for blasting items that cannot be treated with tumbling ball application. SHBX4 produces superior protection for forged and casting products.

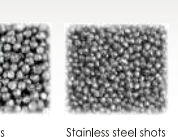


SNBX SERIES
Monorail blast

- Heavy duty and flexibility
- SHBX4 is specially designed for blasting items that cannot be treated with tumbling ball application. SHBX4 produces superior protection for forged and casting products.

Import / Local

Abrasives



TI-AD-15
Anywhere dust

- Compact Dust collector is easy to use and compact size. Installation and/or machine relocation can be easily.
- High performance and compact.



UDC SERIES
Dust collector



TDC SERIES
Dust collector

Services & Maintenance

Remote Monitoring System SINTO SMART FOUNDRY Good Casting System

DUST CHECK COUNTERMEASURE SYSTEM

Remote Monitoring System SINTO SMART FOUNDRY Good Casting System

Business fields

- Foundry**
 - Molding equipment / SINTO light flask molding machine, Vacuum molding machine, gravity die casting machine, low pressure die casting machine, layer pressure molding machine
 - V-process
 - Sand treatment system / Mixing, Sand Reclamation, Sand Conveyance
- Surface treatment**
 - Shot blasting
 - Air blasting
 - Shot peening
 - Micro-blasting
 - Precision finishing
 - Mass finishing
- Melting abrasives & polishing media**
 - Steel shot & grit
 - Zinc based shot
 - Media for mass finishing
 - Compounds
- Environment**
 - Dust collection
 - Deaeration
 - Wastewater treatment
 - Noise treatment
 - Exhaust gas
- Ceramics**
 - Ceramic parts
 - Sludge edges
 - Precision measure
- Mechanics**
 - Electric actuators
 - Presses
 - Control
 - Sealed power systems
 - Supply & transport
- Powder Handling and Recycling**
 - Mixing
 - Preparation conveyance
 - Classification
 - Screening
- Inspection and measurement**
 - Automotive parts durability and performance test (Shot shot & grit)
 - Precision instrumentation