SOMBOON GROUP

Sustainable Business Growth

Message from the President

Somboon Group (SBG) was founded in 1962, envisioned the fast growing needs of automobile in the world. With over 55 years of experience and our commitment of high quality and full service to exceed our customers' expectation, SBG has been developed into one of the largest Thai automotive suppliers of parts and components. In addition, SBG has developed its own Research and Development Center providing the expertise in product design and testing including raw material development, new part development to support our tier 1 and OEM customers in various technical supports needed. We value close cooperation with customers and continuous improvement to bring out innovative solutions.

We are proud to be one of the most admired companies in Thailand. We believe that creating value and paving the way for a more affluent and diverse future should bring about more sustainable society, while foster human development to align with SBG's philosophy, Triple Bottom Line: Smart People, Business Trust, and Growing Society. This philosophy intends to contribute to an advancement of our society by our people and enhance sustainable business growth.

"Together We Are Better"

MS. Napatsorn Kitaphanich
President

Vision

Strive for sustainable growth in automotive industry through advanced technology and partnership

Mission

- Create values for shareholders
- Collaborate with strategic partners to develop technology and expand markets
- Provide solutions for customers through advance technology in products design and development
- Enhance excellence in operation and corporate system with information technology
- Embrace corporate governance and Fairness throughout supply chain
- Be socially and environmentally responsible
- Enhance our people to be smart through Somboon Learning Academy (SLA)

Business Philosophy

Smart People
Create value for ourselves, organization, and society

Business Trust
Create value for stakeholders

Growth Society
Create opportunities for the strength of society

BUSINESS

Automotive Parts

SAT

Rear Axle Shaft | Inner Shaft | Trunnion Shaft

SFT

Pulley | Flange Companion | Hub Front Axle

MSA

Leaf Spring | Coil Spring | Stabilizer Bar

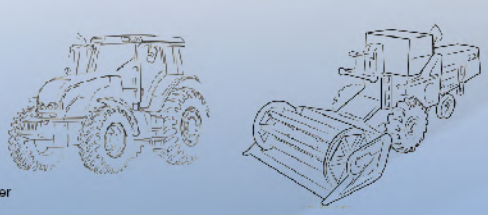
SBM / ICP

Brake Disc | Brake Drum | Frony Axle Assy | Exhaust Manifold | Flywheel | Camshaft | Mounting Cylinder Disc Brake | Cylinder Disc Brake | Car Gear

Agricultural Machinery Parts

Case Brake | Case Rear Axle Assy | Differential Case

Case Front Axle | Exhaust Manifold | Case Hydraulic Cylinder

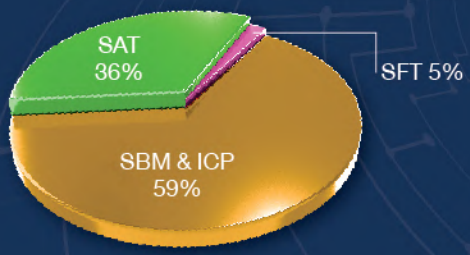


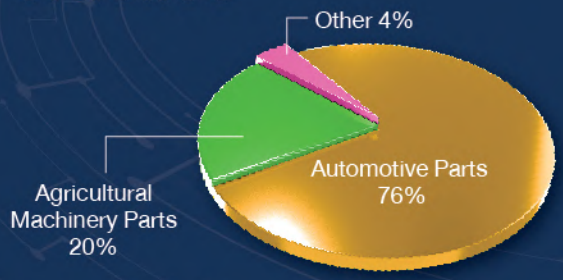
Case Unloader | Roller 275S | Roller 180W

Assy Cutting Blade | Guide Crawler | V-Pulley

Sales Portfolios

Sales by Business Unit





Sales by Sector

Company History Timeline

1962

Local Thai Supplier

1962 Establishment of Somboon Spring Co.,Ltd.
Into REM market

1975 Establishment of Somboon Malleable Iron Ltd. (SBM)
Into REM market

1977

REM to OEM Market

1977 Established Bangkok Spring Industrial (BSK)
and Somboon Spring transferred its operation to BSK

1984 Began the move into OEM market

1990

Expansion Footprints

1990 : Joint venture

- Yamada Somboon Co.,Ltd.
- Tsuchiyoshi Somboon Coated Sand Co.,Ltd.
- Nishinbo Somboon Automotive Co.,Ltd.
- Somboon Sonic Co.,Ltd.

1995 Established Somboon Advance Technology (SAT)
with Technical Assistance from Gohsyu and Ibara Seiki

1997-1999 Various International standards
(ISO9001, ISO/TS16949, ISO14001)

2005

Listed Company

2005 SAT registered in
Stock Exchange of Thailand and changed to
"Somboon Advance Technology PCL."

2014

Continued Expansion

2006 Acquired International Casting Products (ICP)

2014 Established Somboon Forging Technology (SFT)

2017 SAT JV with Mubea and established
"Mubea Somboon Automotive" (MSA)

Enhance People's Capabilities

2014 Established Somboon Learning Academy (SLA)

Main Customers

Auto Alliance | DANA | Ford | GM | HINO | HONDA | ISUZU | Kubota | mazda | MITSUBISHI MOTORS | NISSAN | SUZUKI | TOYOTA | YONGKEE

SAT

Somboon Advance Technology Pcl. (SAT)

"Leader of axle shaft manufacturer in the world"

SAT is one of the largest axle shaft manufacturers in the world, supplying axle shafts to various car makers with state of the art technology. Our factories in Samutprakarn and Rayong are equipped with fully automatic robots and advanced CNC machine lines. Our experiences and know-how with simulation system software help us in designing product and process to support the need of our customers. Lastly, we are fully committed to ensuring high quality products with advanced specific testing including Static Torsion Tester, Rotation Bending Tester, and Fatigue Tester.

We also extend our production capability to produce Axle Shaft for tractor used in agriculture.

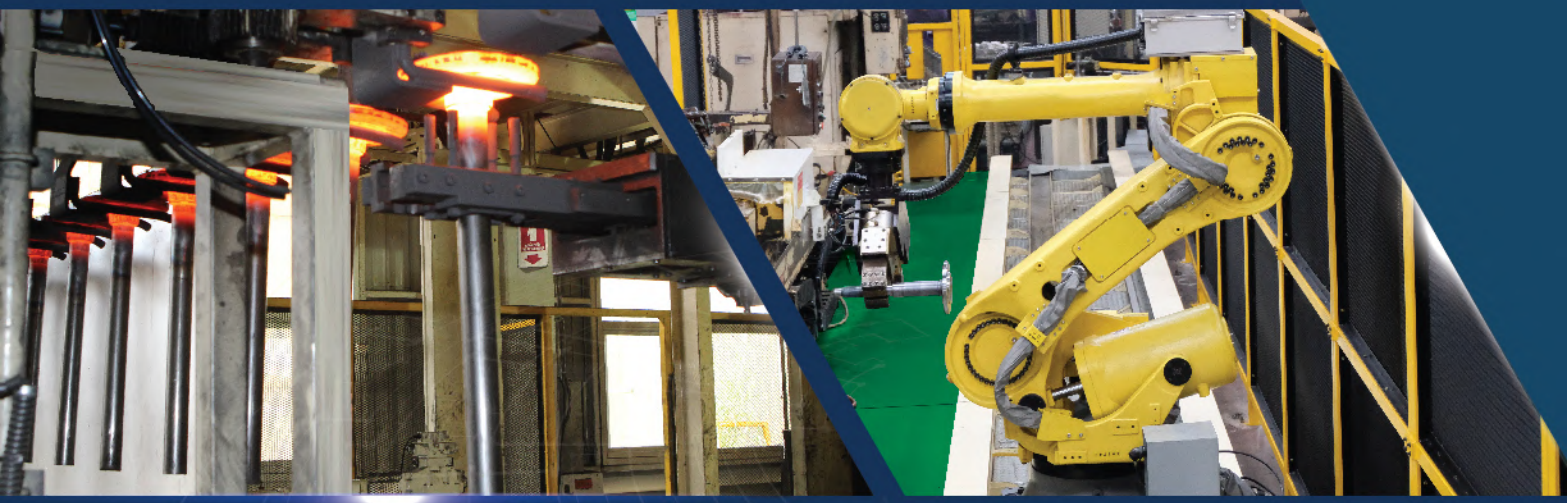
- Rear Axle Shaft
- Trunnion Shaft
- Inner Shaft

Forging Press :
5 lines
•2 x 1,250 tons
•1,600 tons
•1,650 tons
•1,600-3,000 tons

Forging Capacity :
380,000 pcs./month

Machining Line :
11 lines
1 line (Truck)

Machining Capacity :
320,000 pcs./month
15,000 pcs./month



SFT

Somboon Forging Technology Co., Ltd (SFT)

"General forging manufacturer with fully automatic systems to produce a variety of products"

SFT is a newly established company equipped with fully automatic systems of both hot and cold forging, including advanced testing and inspection system in every step in a process. We can produce general forging and machining variety of general forging parts.

- Pulley
- Wheel Hub
- End Rear Housing
- Other general forging parts

Forging Press :
1 line (2,500 tons)

Forging Capacity :
250,000 pcs./month

Machining Line :
2 lines

Machining Capacity :
70,500 pcs./month

ICP

International Casting Product Co., Ltd (ICP)

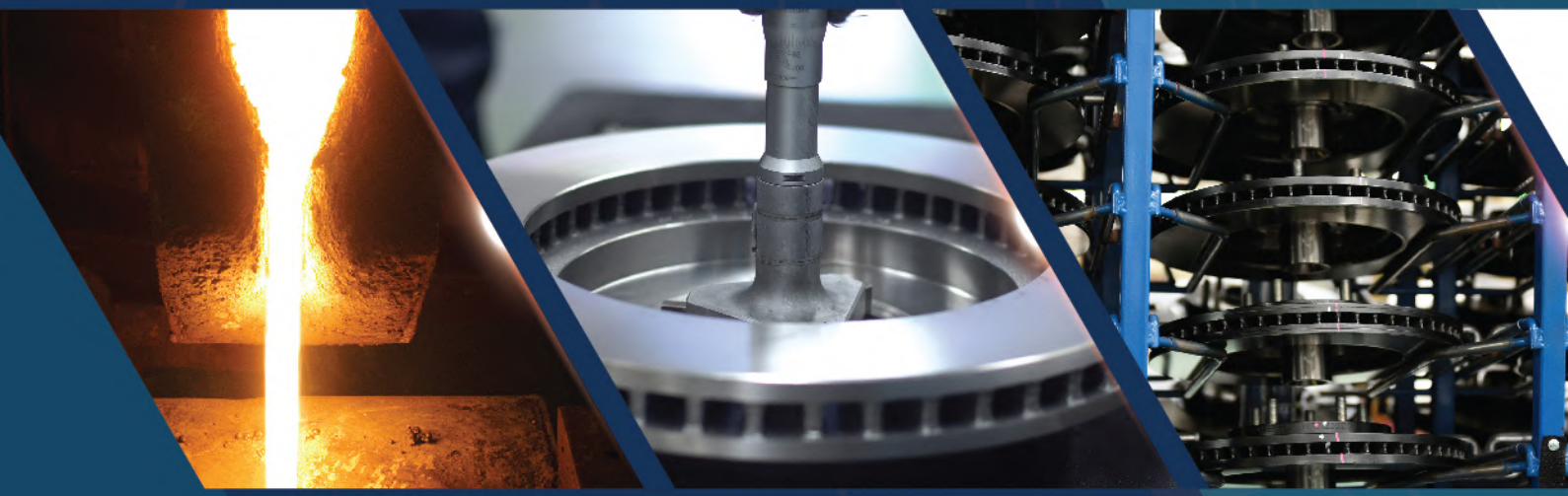
"Thailand's leading provider of complex casting products focusing on sustainable practices"

ICP is a long experienced and trusted ductile and gray iron casting foundry for various complex automotive parts. Our foundry has one of the largest capacity for casting in Thailand, capable of manufacturing products from various material grades including FC and FCD. Our team works towards good environmental and energy management to minimize impact of the facilities to employees and society. We ensure the quality of all parts by good process design with simulation system and various types of advanced testing including X-Ray, chemical composition evaluation, tensile strength testing, dimensioning by CMM equipment, finishing and roundness checking of parts' surface.

Our main products are Brake Disc, Brake Drum, Flywheel, Exhaust Manifold, and Brackets.

Casting line :
3 lines
AMF line : 508 x 610 x (200/200) mm
ACE4 line : 630 x 830 x (250/250) mm
ACE5 line : 800 x 1,000 x (250/250) mm

Casting Capacity :
5,000 tons/month



SBM

Somboon Malleable Iron Industrial Co., Ltd (SBM)

"Excellence partner in design and development of high quality automotive parts with cost effective, reliable and proven production methods"

SBM is one of the most experienced manufacturers in Thailand for machining process of automotive and non-automotive parts. The company has capability in working with our customers from designing to testing process, support from our technical assistance to develop reliable processes, and various automatic robots together with CNC machines to ensure high-quality products. We also have testing facilities to perform both laboratory test and field test on the products' key features such as noise and vibration in brake products.

Our main automotive products are Brake Disc, Brake Drum, Flywheel, Exhaust Manifold, and Brackets. Moreover, SBM also assembles modules for agricultural machinery.

Casting line :
1 line
(AMF line : 508 x 610 x (200/200) mm)

Casting Capacity :
800 tons/month

Machining Line :
150 lines

Machining Capacity :
570,000 pcs./month

- **Chassis Parts**
  - Brake Disc
  - Brake Drum
- **Engine Parts**
  - Flywheel
  - Exhaust Manifold
  - Hardening Camshaft

- Coil Spring
- Stabilizer Bar
- Leaf Spring

MSA

Mubea Somboon Automotive Co., Ltd (MSA)

"Full service supplier from designing to manufacturing of spring for vehicle suspension system"

MSA is a well-known full line springs manufacturer, serving OEMs and after market for both domestic and overseas. MSA is fully equipped with latest technology in both hot and cold bending, which enable the production of high stressed and side force, left / right turn high quality coil spring to serve varieties of requirement from all customers.

We also produce high stressed solid stabilizer bar that ensure high precision and mark-less from tooling. All product lines are using the latest testing technology to meet customers quality requirements in terms of strength and durability.

R&D

In order to provide technical solutions to our customers and satisfy their requirements of high quality products, we established Research & Development Center with the expertise in product design and testing and raw material development. Additionally, we continue developing solutions to improve our productivity and process efficiency to reduce manufacturing cost by leveraging technology.

Material Development

- Material Lab / Facilities for material test
- Highly experienced experts and teams from Japan
- SEM/EDS

Value Analysis & Value Engineering (VA/VE)

- Functional and value analysis
- New technology adoption for cost leadership

Product Design & Development

- Highly experienced experts and teams from Japan
- CAD / CAE for design & simulation
- SFTC DEFORM for forging process
- PROCAST for casting process
- ABAQUS for brake product simulation

Testing & Evaluation Facility

- Brake Dyno testing
- Strength and durability universal testing
- NVH Model testing machine

SOMBOON GROUP

Head office :

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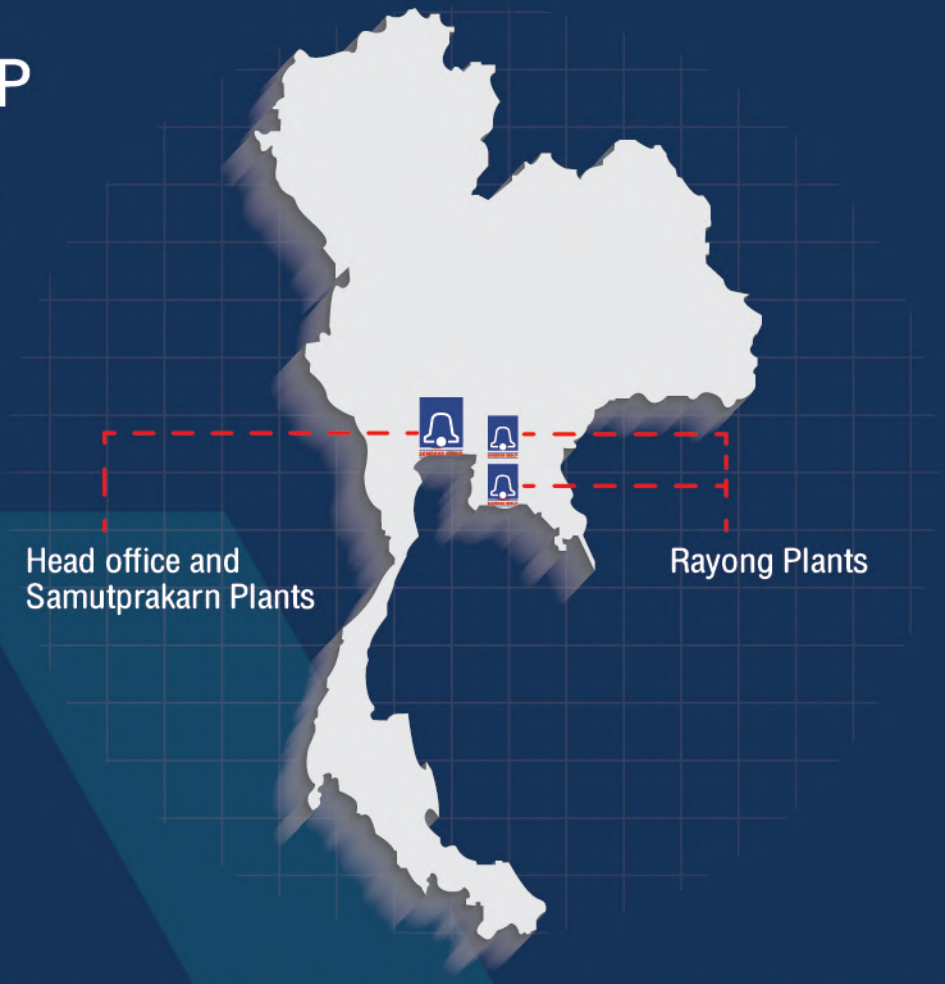
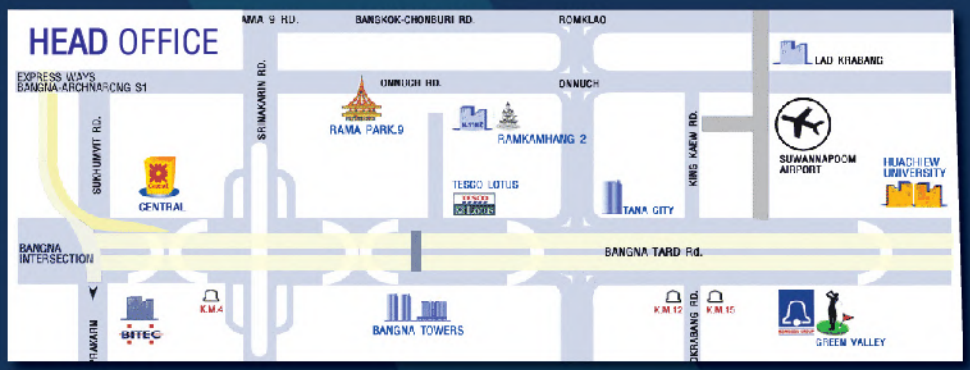


SAMUTPRAKARN PLANT
(HEAD OFFICE)
129 Moo 2, KM. 15 th Bangna-Trad Rd., Bangchalong, Bangplee, Samutprakarn 10540, Thailand

RAYONG PLANT
300/10 Eastern Seaboard Industrial Estate Moo 1, Tasit, Pluakdaeng, Rayong 21140, Thailand



RAYONG PLANT
7/388 Moo 6 , Amata City Industrial Estate, Mabyangporn, Pluakdaeng, Rayong 21140 Thailand

RAYONG PLANT (HEAD OFFICE)
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RAYONG PLANT
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Certify

ISO/IEC17025:2005