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SANGSIN BRAKE COMPANY PROFILE

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01. OVERVIEW

SANGSIN BRAKE
TO THE GLOBAL LEADING BRAKE SYSTEM COMPANY

<table>
<thead>
<tr>
<th><strong>CEO</strong></th>
<th>Kim, Hyoil</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Established</strong></td>
<td>Aug. 13th, 1975</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>90, Techno jungang-daero, Yuga-myeon, Dalseong-gun, Daegu, Korea (PO# 43023)</td>
</tr>
<tr>
<td><strong>Turnover</strong></td>
<td>US$ 302 Million (Fiscal year 2017)</td>
</tr>
<tr>
<td><strong>Capital</strong></td>
<td>US$ 10.7 Million</td>
</tr>
<tr>
<td><strong>Employee</strong></td>
<td>1,000+ people (Including affiliated companies)</td>
</tr>
</tbody>
</table>
Take a Brake!

**WHY SANGSIN BRAKE?**

<table>
<thead>
<tr>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO.1 Friction Company in KOREA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EXPERIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Experience and Knowledge for Global Market</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FOCUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>State of the Art facilities, R&amp;D Center and QA System</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GLOBAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Manufacturing Sites</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOP QUALITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>OE Supplier to Major Automobile Manufacturers</td>
</tr>
</tbody>
</table>
### 03. HISTORY

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018.01</td>
<td>Established Mexico Factory</td>
</tr>
<tr>
<td>2015.07</td>
<td>Relocated to New H.Q. / R&amp;D Center</td>
</tr>
<tr>
<td>2013.06</td>
<td>Established Sichuan Factory in China</td>
</tr>
<tr>
<td>2011.06</td>
<td>Established Middle-East Sales Office</td>
</tr>
<tr>
<td>2010.12</td>
<td>Established U.S.A. Sales Corp.</td>
</tr>
<tr>
<td>2010.02</td>
<td>Established Chennai Factory in India</td>
</tr>
<tr>
<td>2009.07</td>
<td>Supply to CBI in Thailand</td>
</tr>
<tr>
<td>2009.02</td>
<td>Supply to MFTBC in Japan</td>
</tr>
<tr>
<td>2006.01</td>
<td>ISO 14001 Certified</td>
</tr>
<tr>
<td>2004.10</td>
<td>Listed in stock market(KOSPI)</td>
</tr>
<tr>
<td>2002.12</td>
<td>Established Wuxi Factory in China</td>
</tr>
<tr>
<td>2001.06</td>
<td>Supply to RENAULT SAMSUNG</td>
</tr>
<tr>
<td>2001.06</td>
<td>ECE-R90 Certified</td>
</tr>
<tr>
<td>2000.09</td>
<td>Supply to SSANGYONG</td>
</tr>
<tr>
<td>1997.09</td>
<td>ISO 9001 Certified</td>
</tr>
<tr>
<td>1986.12</td>
<td>Supplied OE parts to DAEWOO</td>
</tr>
<tr>
<td>1979.01</td>
<td>Supplied OE parts to HYUNDAI</td>
</tr>
<tr>
<td>1975.08</td>
<td>Established Sangsin Brake</td>
</tr>
</tbody>
</table>

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**It’s SANGSIN WAY**

**43 YEARS,**

**HISTORY of SANGSIN BRAKE**
with unique brands and technologies
Achieving **Continuous Growth Rate**

Unit: Million USD

<table>
<thead>
<tr>
<th>Year</th>
<th>Sales (Million USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>230</td>
</tr>
<tr>
<td>2014</td>
<td>268</td>
</tr>
<tr>
<td>2015</td>
<td>280</td>
</tr>
<tr>
<td>2016</td>
<td>300</td>
</tr>
<tr>
<td>2017</td>
<td>302</td>
</tr>
</tbody>
</table>
05. SALES NETWORK

KOREA

HYUNDAI
KIA MOTORS
CHEVROLET
SSANGYONG
SAMSUNG
MITSUBISHI FUSO
TATA DAEWOO
DAEWOO KIA CORPORATION

CHINA

北京现代
KIA MOTORS
SHANGHAI GM
NISSAN
GEELY AUTO
CHERY

INDIA

HYUNDAI
MANDO
Mahindra & Mahindra
Brakes India Limited
06. GLOBAL BUSINESS

Since 1975
Customers 383
Countries 101
Affiliates 10
07. PRODUCT OVERVIEW

Drum Brake System for Commercial Vehicle

Brake Pad for CV

Band Brake Assembly For Washing Machine

AMBITIOUS WORK FOR THE FUTURE

The Best Choice for Safe Driving
SANGSIN BRAKE
08. SB BRANDS

SANGSIN BRAKE

MAIN BRANDS

Hi-Q
General Purpose Brake & Brake Shoes
- ECE R90 Approved
- Low Noise by Avoiding Squeal and Judder
- Engineered to Excel in the Most Extreme Conditions
- Dynamo Tested for Optimum Performance
- Designed for Thermal Heat Dissipation

HAGEN
Optimal Ceramic Brake Pads
- Cleanest Wheel Technology
- Stable Fade With Fast Recovery
- Quiet Friction Formulations
- Better Stopping Performance & Smooth Pedal Feeling

HARDRON
Premium Quality Brake Pads
- 100% Slotted for NVH Control
- Precision Fit Shims
- OE Positive Mold Design
- Cutting Edge Ceramic Formulas for Less Noise and Clean Wheels
- Excellent Performance & Long Lasting
09. Non-Friction Parts

**DISC ROTORS / DRUMS**
- Smooth stops with less vibration
- Excellent thermals stress & deformation resisting stable dimension & maintainability
- Comprehensive range of application
- High performance under super thermal condition

**STEERING & SUSPENSION PARTS**
- Stabilizer link
- Ball joint
- Tie rod end
- Rack end
- Control arm

**BATTERY**
- OE Supplier from Korea
- CA Lead Grid Technology
- Sealed Maintenance Free
- Less Weight
- Less Co₂
09. Non-Friction Parts

CV JOINT KIT & DRIVE SHAFTS
- International Standards
- Complete drive shafts, CV Joint Kits & Grade Boot Kits
- Matching OE quality
- Heat hardened spline and kits full comprehension range of car application

WIPER BLADES
- Hi-Q
  - Manufacturing under OEM Specification
  - Verified Design with Optimum Wiping Performance
- Hardron
  - Aerodynamic Design
  - Excellent Anti-Lifting & Anti-Chatter Functions
  - Secure the Driver’s Maximum Visibility
  - Dressed up Design

SPARK PLUG CABLE
- Silicone Jacketed Wire
- Low Resistance Conduction
- Waterproof Fittings

WATER PUMP/OIL PUMP
- Leak-Free design
- High flow performance of OE quality
- Die casting technology for efficient cooling and long lasting
100% Coverage
for KOREAN & JAPANESE Vehicles

Developing 200+ New Items Yearly
1,600 SKU Until 2018
Bespoke Development for Customers
11. WEB CATALOGUE

<table>
<thead>
<tr>
<th>Search by Reference#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Search</td>
</tr>
<tr>
<td>Detail Search Option</td>
</tr>
<tr>
<td>Additional Information</td>
</tr>
<tr>
<td>Member Login</td>
</tr>
</tbody>
</table>
12. TOWARDS EUROPEAN MARKET

01. Products with Regulation 90 (E-MARK) Approvals
550 items available with R90 approvals and new 300 items in 2018

02. Register Hi-Q brand in TECDOC
Sangsin Brake will register Hi-Q brand in 2018 (2Q)

03. Logistic Service from Europe
Provide logistic service from Europe for fast delivery since 2018 (4Q)
13. CERTIFICATES

- ISO9001
- TS16949
- AMECA
- Colombia-SGS
- ISO14001
- OHSAS18001
- NSF
- Brazil-INMETRO
- ECE-R90
NO.1 TECHNOLOGY

The leading-edge technologies for AUTOMOBILES

Brake Dynamometer
- 14sets Operated
- MAKER
  - HORIBA(JPN)
  - LINK(USA)
  - AKEBONO(JPN)
- FUNCTION
  - Testing for brake parts with various condition

Chassis Noise Dynamometer
- 1set Operated
- MAKER
  - HORIBA(JPN)
- FUNCTION
  - Specialized for NVH test with real vehicle
15. EXHIBITIONS & EVENTS

40th ANNIVERSARY & 2015 OPENING CEREMONY [DAEGU, KOREA]

DEALER CONFERENCE [CAIRO, EGYPT]

AUTOMECHANIKA [FRANKFURT, GERMANY]

AUTOMECHANIKA [DUBAI, U.A.E]

AAPEX [LAS VEGAS, USA]
16. EXHIBITIONS for 2018

Automechanika Istanbul 2018 (April)

Automechanika Dubai 2018 (May)

Automechanika Ho chi minh 2018 (April)
YOU CAN FIND US AT

**SANGSIN BRAKE COMPANY PROFILE**

- sbexport@sangsin.com
- +82 53 610 8340-9
- 90, Techno jungang-daero, Yuga-myeon, Dalseong-gun, Daegu, KOREA (PO# 43023)
- www.sangsin.com
- www.e-sangsin.com