
Description: In 2015, the global market size of automotive braking system exceeded USD50 billion, and that of China's automotive braking system came to over RMB60 billion. The global and Chinese automotive braking system markets has leveled off in recent years, yet it is still expected that the global and Chinese automotive braking system markets will grow at an average annual rate of 4.4% and 7.3% during 2016-2020 respectively. Electronic control systems may become the main driving force behind the industry development.

In China's braking system market, manufacturers mainly develop towards ABS, braking force distribution (EBD/CBC, etc.), brake assist (EBA/BAS/BA), Vehicle Stability Control (ESC/ESP, DSC, etc.), AUTO HOLD, and so forth. Among them, ABS and EBD/CBC have the highest assembly rate of close to 90%; vehicle stability control develops very fast, with the assembly rate approaching 50%; brake assist and AUTO HOLD, benefiting from the development of autonomous driving technology, are seeing rapid growth in assembly rate.

At present, the Chinese braking system manufacturers are working to make layout in electronic control, particularly in ABS, Vehicle Stability Control (ESC/ESP/DSC), and Electric Park Brake (EPB). The advanced enterprises, such as Zhejiang Asia-Pacific Mechanical & Electronic and Zhejiang Vie Science & Technology, have entered the fields of intelligent drive and telematics.

Zhejiang Asia-Pacific Mechanical & Electronic, one of the leading Chinese braking system manufacturers, mainly operates an array of products including disc brakes, drum brakes, brake pumps, vacuum boosters, and ABS, etc. It now has an annual capacity of 1 million sets of automotive electronic control system.

At present, the company is actively developing automotive electronics, and, based on ABS, gradually makes technological breakthroughs in EPB, ESC, and EABS. Currently, the company is entitled to supply ABS and EPB to auto makers like Chery, SAIC, and FAW, and is expected to achieve small-lot supply in 2016. Additionally, it has obtained eligibility for supplying ESC and EABS to Dongfeng Motor and Nissan.

Zhejiang Vie Science & Technology is also an important braking system manufacturer in China. In 2015, the company realized massive supply of its independently developed and industrialized ABS, and completed the EBS development and vehicle matching test.

Meanwhile, it was developing ESC and EPB, etc. In February 2016, the company planned to invest RMB267 million in automotive EBS project. When the design capacity is achieved, the company will have a capacity of 200,000 sets/a ABS and 50,000 sets/a EBS, with the revenue and net income estimated to add annually RMB426 million and RMB66.82 million, respectively.

The report highlights the following:

- Market size and competitive landscape of global automotive braking system
- Market size, import and export, competitive landscape, development trend of automotive braking system in China
- Development of China's brake market segments, including disc brakes, drum brakes, pneumatic brakes, and hydraulic brakes
- Assembly rate, market size, and development of China's electronic control market (ABS, EBD/CBC, EBA/BAS/BA/AEB, ESC/ESP/DSC, and AUTO HOLD)
- Development of global and China braking system suppliers, including product type, financial indicators, capacity, output and sales volume, production bases, industrial layout, and development trend, etc.
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