Antiwear Valve: True Upgrad

What Makes Antiwear?

It is Reliable.

Established in December 2008, Suzhou Antiwear Valve Co., Ltd. is a high-tech enterprise powered by innovation and cutting-edge technology. Its business offering broadly covers product and equipment R&D, production & manufacturing, sales and service. After ten years of development, Antiwear has become a leading brand which covers a complete range of industrial valve design and manufacturing. It provides not only quality and wear resistant valve products but also solutions for the whole flow control industry. Ever since its establishment, Antiwear has remained committed to its cultural DNA of “It’s Reliable”. It stands for reliability in product, prompt service and reliable people, aimed towards creating more value for customers and satisfying the mission to “Help you enjoy the good life!” by solving their practical issues.

Antiwear can provide complete valve and system solutions for both basic and severe service applications. Major products include: butterfly, gate, globe, check, ball and specialty valves. Extensively used in various industries such as coal, chemical and petrochemical, power generation, refining, water service, architecture, paper, metallurgy and the fine chemical industries. Regarding severe service, Antiwear developed and produces double disc valves, oxygen valves, S Zorb valves, PDS high frequency valves, double wedge high temperature valves, triple offset butterfly valves, among others, with wide record of success. Based on proven performance, the quality of Antiwear products has been recognized as being better than imported world class brands. For example: after 5 years of operation, the HT HP oxygen valves are still performing well; the PDS high frequency valves have made a breakthrough of 4,000,000 on/off cycle life, and are still reaching higher and higher record. Antiwear always uses real world record and data as the only proof and criteria for quality inspection!

For years Antiwear has tackled various problems regarding system operation and secured long term smooth operation by providing customers with quality and reliable products. Meanwhile, this company is active in in-depth collaboration with various industries, such as water treatment and paper industry, etc. Mr. Deng Changsong, Deputy GM of Antiwear Group, explained: “We recognize that these industries are not lacking in options for products and suppliers. What they need is quality products and reliable suppliers. Our goal is to utilize “intelligent manufacturing” and produce quality products, so that our customers can relax and enjoy life!”

How to Realize Zero Distance Between End-users and Antiwear?

It’s Intelligent Management.

In the era of Industry 4.0, the intelligent manufacturing concept is not that distinctive. However, after deliberating the demands of high industrial characteristics, Antiwear has gained a unique understanding on the “intelligent manufacturing” concept, and extended it to “intelligent management”. Besides upgrading the equipment for automation, the company also invested a lot to build up an “intelligent connected factory”. Its value orientation is piloted by customer demand and combines systematization, standardization, digitalization, intelligence and lean & flexible manufacturing to effectively solve customer problems with prompt response and reliable quality control. Mr. Deng said: “The Chinese valve industry emerged rather later than others. To achieve “corner over-taking”, we have to reform towards intelligent manufacturing and break through the traditional mode of production and delivery. Traditional manufacturing is encumbered by a long production cycle and difficulty in tracing quality. The only way to improve the production capability of the whole valve industry to a higher level is to leverage the power of intelligence, information technology and digitalization.”

Focusing on upgrading towards intelligent manufacturing, Antiwear is forging an intelligent production line featuring super-discretization. Meanwhile, it is also building up a connected factory which combines big data and cloud computing, digital delivery management system, lean manufacturing, global quick response system and supply chain integration, etc. The objective is to realize the “zero distance” between the customer and Antiwear; redefine the production cycle and quality management; establish a C2M intelligent business platform on the basis of super-discretization.

With the overall application of intelligent management, Antiwear accomplished the innovation and upgrading of “valve solution”. After more than 10
years of development, Antiwear is now performing intensive research and exploration in the fields of silicon chemical, coal chemical, petrochemical, wet-process metallurgy, etc. Many remarkable solutions have been created on the basis of extensive practice. Today, Antiwear provides not only quality products but also flow control solutions; the quality of bulk product – rather than any single specific product – is assured in terms of performance, stability and reliability. It is also worth mentioning that Antiwear has created the bold idea of “one code solution” and brought it into reality: just simply scan a bar code and the user can solve any valve problems.

Why is it Antiwear?
It Is Never Falling Behind in R&D.
“Work steadily on technology to study and enhance R&D capability” – is the unchangeable Antiwear creed. Mr. Deng said: “Why is the Chinese valve industry lagging behind those of advanced European and American countries? Because we lack core technology. R&D is difficult and trying work. It is most likely to fail many times at a significant cost. But that is the basic way for a company to become competitive. One will get stuck in the price war if the only care is about immediate interest and feel satisfied with OEM business. They are even stronger than an elephant when they are grouped up as a team. One single small factory might not be worth mentioning, but they will be the unchangeable Antiwear creed. Mr. Deng said: “Why is the Chinese valve industry lagging behind those of advanced European and American countries? Because we lack core technology. R&D is difficult and trying work. It is most likely to fail many times at a significant cost. But that is the basic way for a company to become competitive. One will get stuck in the price war if the only care is about immediate interest and feel satisfied with OEM business. They are even stronger than an elephant when they are grouped up as a team. One single small factory might not be worth mentioning, but they will be

The views and opinions expressed in this article are those of the profiled company and do not reflect the position of Valve World Americas.