

# 8

## Major Advantages of Anzhong





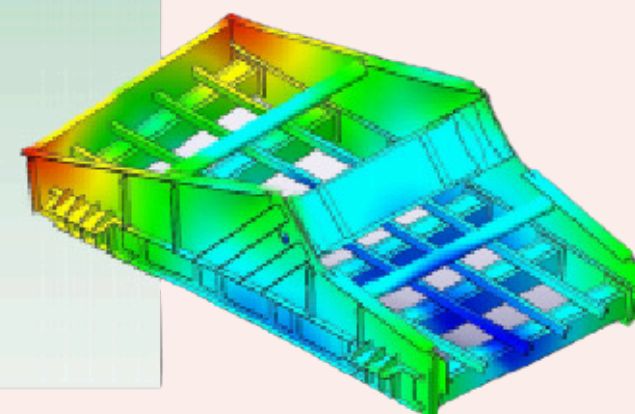
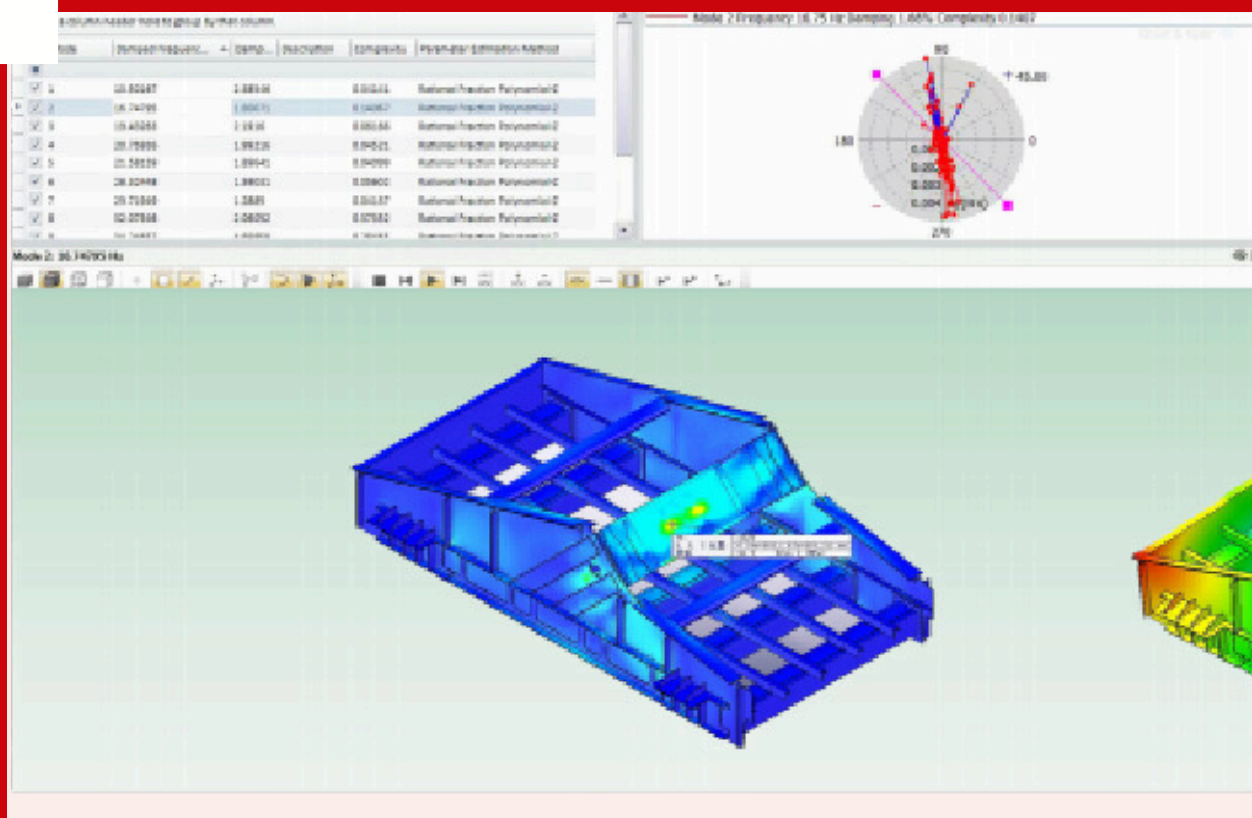
# 1

## Research and Development

- Provincial-level R&D center with over 50 researchers.
- Includes one national-level and six provincial-level talents.
- 95% of staff are qualified engineers , including 23 senior engineers.
- Collaborates with key domestic universities for industry-academia-research cooperation.
- Holds 26 provincial and ministerial-level scientific achievements, one national second prize for technological invention, seven national key new products, and owns 138 patents in vibrating screen technology.
- Drafted 24 industry standards.
- Leading domestic and international advanced vibrating screen technology.

# 2

## Design



Uses SolidWorks 3D design software and finite element analysis to reasonably design and scientifically analyze product structures.



# 3

## Materials



- All screening machinery plates, profiles, and castings are made of high-quality carbon steel with material certifications.
- Mechanical properties of materials exceed industry standards, with superior wear resistance, impact resistance, and durability beyond design life requirements.





# 4

## Processing



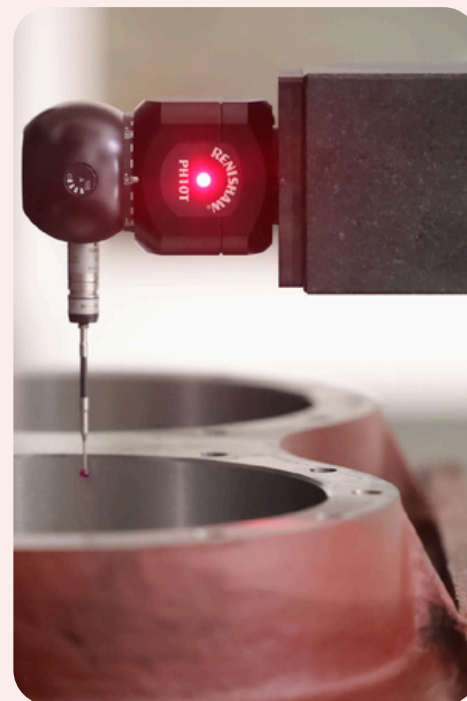
- Over 200 sets of high-precision processing equipment with advanced international machining centers.
- Processing equipment from Germany, the USA, and Japan fully automates the machining process, ensuring universal compatibility and interchangeability of parts, achieving zero-error assembly.



# 5



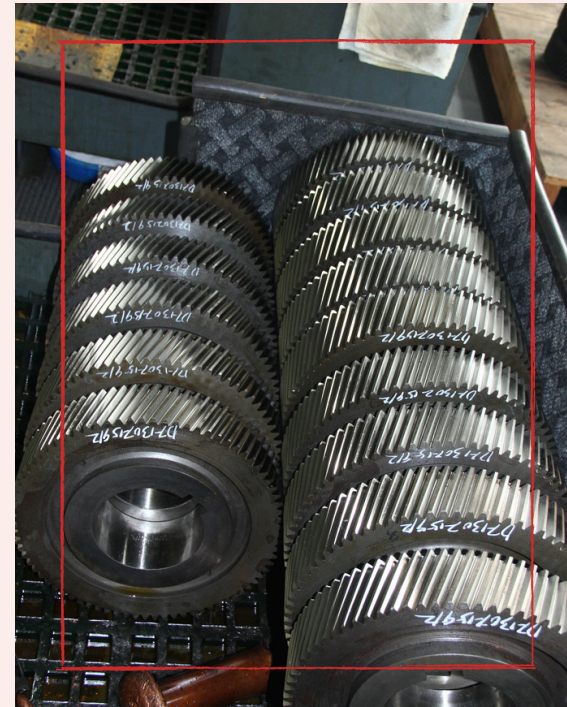
## Manufacturing



- Axle components are made from 45# steel forgings, processed through rough machining, tempering or quenching, fine machining, and either blueing or galvanizing.
- Gears are made from 20CrMnTi forgings, processed through rough and fine machining, carburizing, and tooth grinding, reaching a precision level of 5.
- All plates, profiles, and welded structural parts are pre-treated to eliminate internal stresses and improve surface quality.







- The casing is processed in a DMG horizontal machining center, completing all procedures in one setup, achieving fast speeds, high efficiency, and precision.
- Columns and beams are processed in a pentahedron machining center, completing all procedures in one setup, achieving high efficiency and precision.
- Keyways are processed using high-precision German keyway machining equipment.
- All welding parts are machined.





# 6

## Assembly

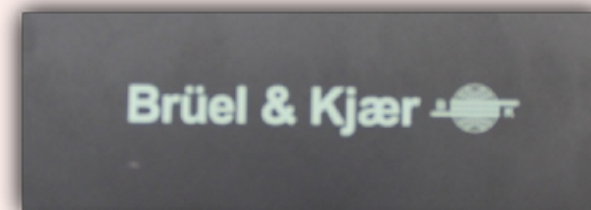
- Possesses mature and advanced specialized assembly production lines with large-scale and mass production capabilities.





# 7

## Inspection



- Equipped with professional, top-tier inspection equipment and methods, including an Edward three-coordinate measuring machine from Germany for first-article inspection, an American BK vibration testing system (Denmark), and an Ncode fatigue testing system (USA) for equipment vibration and fatigue testing.
- Ensures that the performance parameters of equipment leaving the factory meet or exceed industry standards, ensuring efficient and stable equipment performance.





# 8

## After-Sales



- Provides 24/7 professional after-sales service and installation teams, capable of effectively conducting customer training and installation guidance, with problem-solving capabilities.