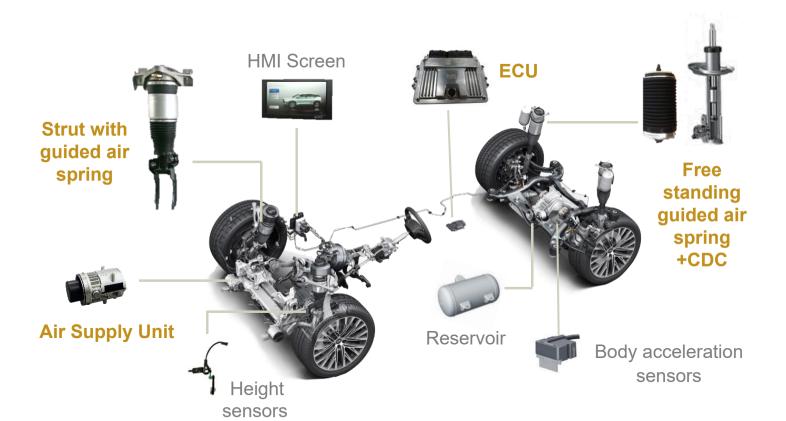


China's Leading Air Suspension Supplier

KHAT Introduction

Product Description: Electronically Controlled Suspension System





- □ Isolate high frequency vibrations:

 prolong battery life and improve comfort
- Maintain body height and ground clearance: battery protection
- Raise vehicle body to improve off-road performance
- Lower vehicle body at high speeds: reduces energy consumption and improves safety
- Reduce high-frequency noises: improve NVH performance
- Reduce pitch and roll: improve control and safety
- ECS has become one of the key elements of quality vehicles.
- Electronic control is necessary for any future intelligentization.













About Us



- □ KHAT is China's first supplier of both **Air Suspension System** and **Dual Chamber Air Spring** for PV.
- □ 13 vehicles in supply: VOYAH, Li Auto, DENZA, ZEEKR, LYNK&CO, CHANGAN Auto, AVATR, CHERY, BAIC, LEVC etc.
- Moreover, obtained the nominations from BYD, AION, XPENG, SAIC AUDI (Air Spring & Closed-loop ASU), VOLKSWAGEN ANHUI (Dual Chamber Air Spring).
- □ KH Changchun was founded by Academician Konghui Guo in June 2007, providing technical services in term of vehicle dynamic performance.
- □ KHAT specializes in core algorithms for ECS systems, system integration, air spring adaptation design & verification, chassis tuning, production process development, etc.
- □ The annual production capacity of air springs is 1 million sets. Production plants are located in Huzhou, Chongqing and Wuhan (CDC). The R&D center and the headquarters are in Suzhou.
- Has 950 employees and 127 pieces of intellectual property. Awards and honors include the national high-tech enterprise, national first set qualification, national specialized and new "little giant" firm, etc.
- □ Passed the Volkswagen audit Formel Q in March of 2024 and was officially listed in the Volkswagen supplier base.
- □ 270 thousand sets supplied in 2023, annual turnover reached RMB1.22 billion (USD 171.5 million).
- Over 600 thousand sets estimated to be supplied in 2024, annual turnover will achieve of at least RMB2.5 billion (USD 351.5 million)
 Make Driving Safe, Pleasurable, and Affordable

Core Team Members





Chuck Kuok
Chairman/CEO

Founder of KHAT Zhejiang
Former CEO of Changchun KH since 2008
20 years of business management
experience
MBA, University of Nottingham
MME, University of Hong Kong
BSc, College of Automotive Studies, Jilin
University



Prof. Konghui Guo CAE Academician

Academician of CAE (first in the automotive sector) Chief engineer of the automotive research institute at FAW Group

Former vice principal of College of Automotive Studies, Jilin University

Top expert and world renowned scientist in vehicle dynamics



Jian Miao VP, Operations

Project management and financial management
Former director of asset management office of FAW
Group
Rich experience in AMC of business and finance integration



Yang Liu VP, Head of Electric Control R&D Department

Many years of experience in chassis dynamic performance analysis, algorithm development, verification of ECS systems, design, and key parts development



Mian Wang VP, Head of Parts R&D Department

Design, R&D, mass production testing and key components upgrades (e.g. air springs, valve pumps, etc.) 15 years of experience in development and in production of chassis suspension



Chengxiang Qian VP, Supplies

Product procurement, material control, and enterprise quality system construction
Former operations director of Honghan Optoelectronics and Lixin electric



Jinlin Liu VP, Production Equipment

MBA
15 years of experience in the field of automotive component engineering technology & equipment
Rich experience in enterprise management
Founder of Hemeida



Yidong Xu VP, Board Secretary

5 years of experience at a listed company 13 years of industry investment experience

Core Team Members



- One of the first academicians elected when the Chinese Academy of Engineering was founded, and the first academician in the automotive industry, professor and doctoral supervisor at Jilin University, and the only academician and industry leader in the chassis field in China
- Former chief engineer of FAW Automotive Research Institute. Former vice principal of the College of Automotive Studies, Jilin University
- A renowned expert in China's automotive industry and one of the world's renowned top scientists in vehicle dynamics
- Led the development of China's first set of automotive air suspension products in 1956
- Has taught over 300 top professional talents for China's automotive industry. Professor Guo has devoted his life to the independent innovation and industrialization of automotive technologies.



Prof. Konghui Guo Founder & Technical Leader of KHAT

KHAT Milestones



2010

Hongqi ECS demo car delivered

2019.06

Obtained nomination of VOYAH Free

2022.07

SOP of Air spring assy. for Li Auto L9

2023.03

SOP of dual chamber air spring for ZEEKR 009ME

2023.12

Top ranked the domestic market share of PV air spring: 44.5%



2007.06

Konghui Changchun founded 2018.10

KHAT was founded in Huzhou

2021.06

SOP of VOYAH Free air suspension system 2022.07

"Little Giant Firm" -national titles of honor

2023.07

KHAT Chongqing founded

2024.05

Domestic market share of PV air spring continues to be the first: 39%

Series Products







Cumulative sets supplied (as of Jun 25, 2024): Air spring: 490,000 sets ECU: 87,000 sets ASU: 120,000 sets





LI AUTO 2023 TOP Award



GEELY 2023 Innovation award



CHANGAN 2023 Innovation Support Award



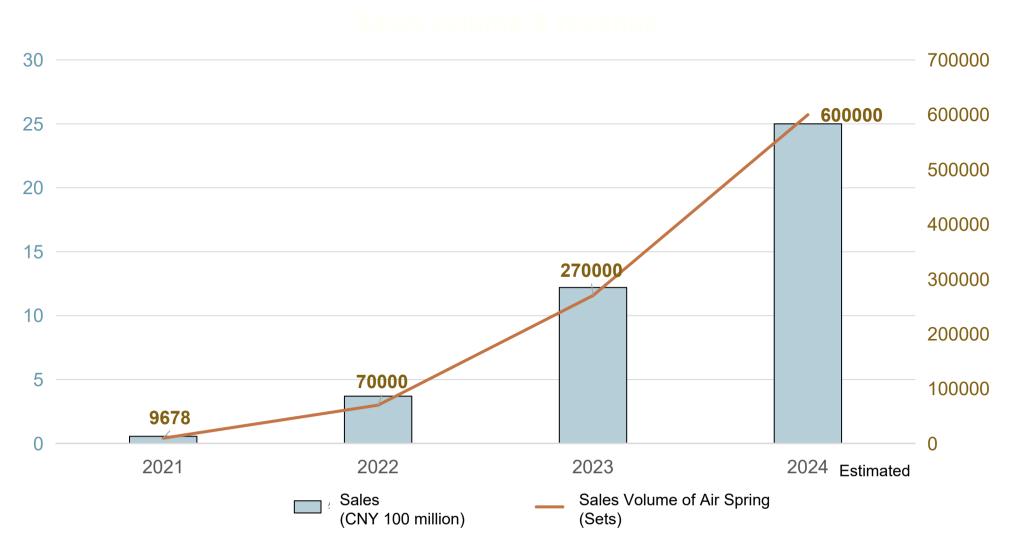
VOYAH 2023 Outstanding Supplier



CHERY Excellent Development Award

Growth Since Start of KHAT





Domestic Market Share



In 2022, the market share of air spring is Second in China



2022 Total: 240,470 sets

In 2023, champion of air spring market share in China: 44.5%



2023 Total: 563.834 sets

May 2024, champion of air spring market share in China: 39%

Source: GASGOO





KHAT has obtained 48 nominations from 17 OEMs

























Domestic Layout





KHAT Wuhan: Production Plant

Product type: CDC



KHAT Chongqing: Production Plant

Product type: Air Spring



KHAT Changchun: R&D Center

Algorithm & System Integration Dept.





KHAT Suzhou:

R&D Center / Production Plant

Group Headquarters, R&D Center

Product type: Closed-loop ASU, ECU

KHAT Shanghai: R&D Center

Electric Ctrl R&D Institute



KHAT Zhejiang: Production

Plant

Product type: Air Spring, ASU, ECU



KHAT Guangzhou: Production

Plant

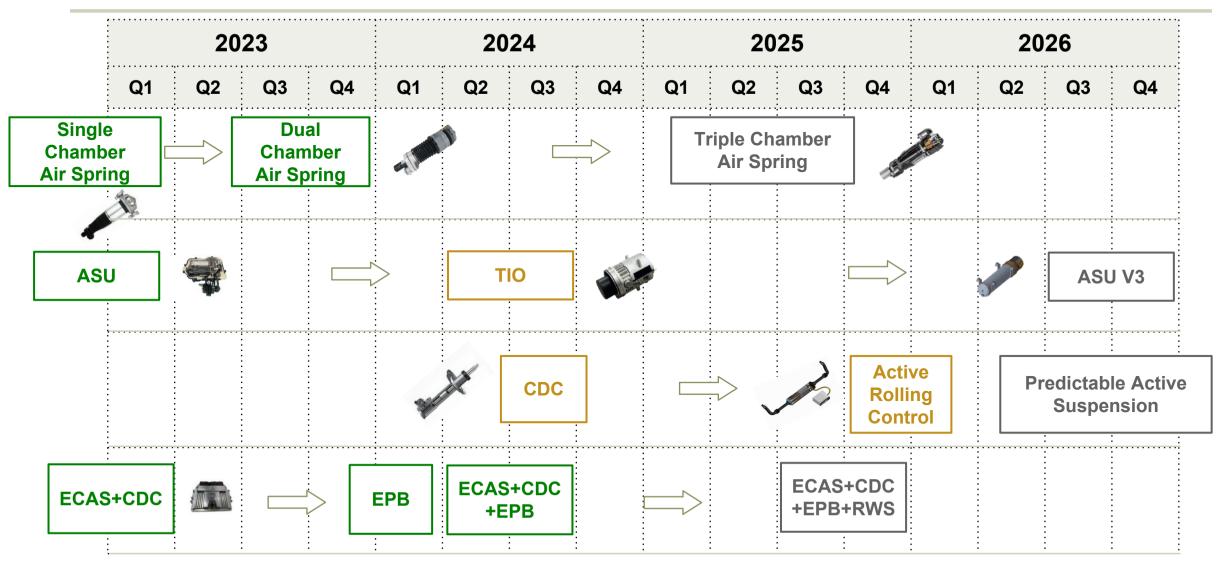
Highly Automated Production Line





Products in Supply & in R&D



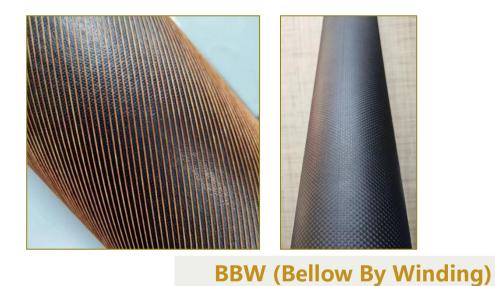


ECAS = Electronically Controlled Air Suspension

ASU = Air Supply Unit

TIO = Three In One (Integration of air compressor, valve block and ECU)







TIO (Closed Loop ASU)

CDC



Active Rolling Control





- 1. Proven control algorithm for ECAS & CDC system
- 2. Electronic suspension system integration and compatibility as well as key component design, development, verification and chassis tuning capabilities
- 3. Self-developed ability of R&D test rigs and equipment
- 4. Production process and production line design ability (20 self made air spring assembly lines in operation)
- 5. Reliable supply chain with price advantages
- 6. Quality control capabilities accumulated from 13 of SOP projects
- 7. Cost reduction advantage as the result of the leading domestic supplier and annual production of 600,000 sets of air spring
- 8. Sustainable innovation capabilities in electronically controlled suspension system



Make Driving Safe, Pleasurable, and Affordable