



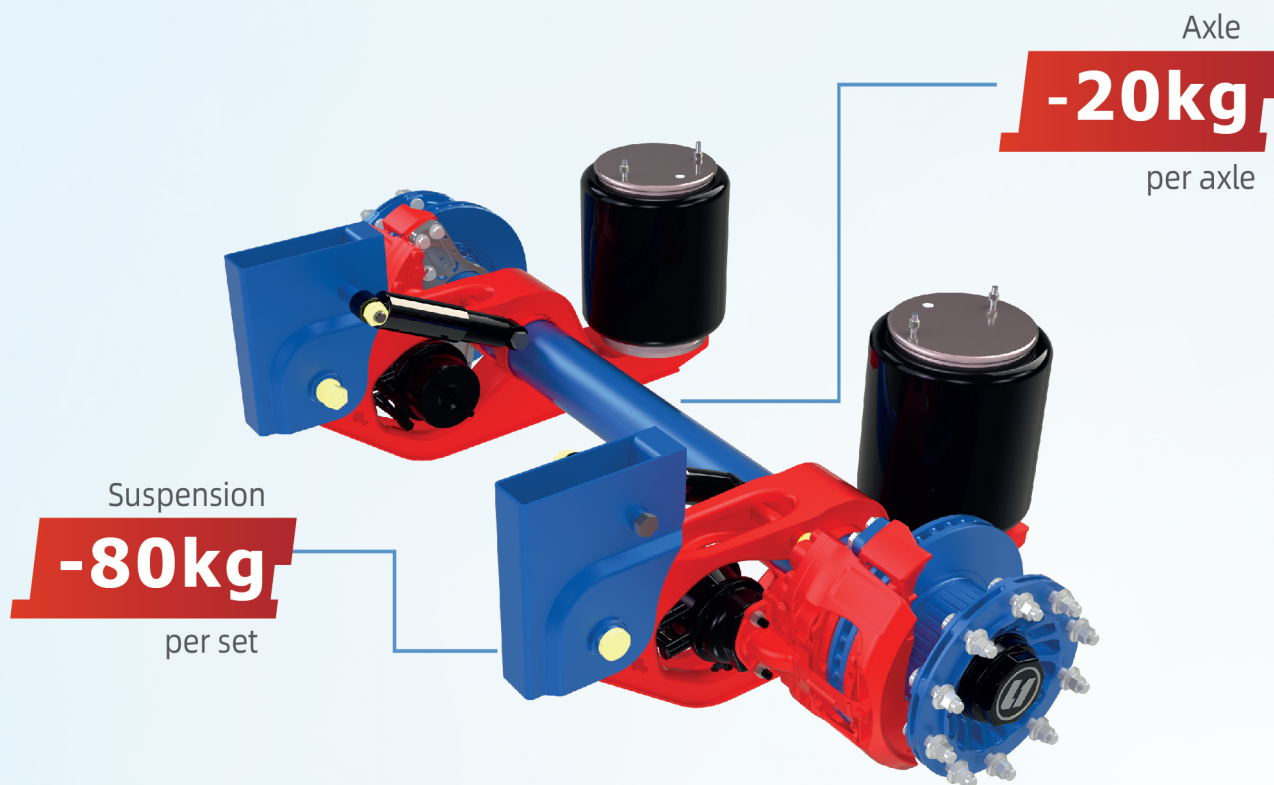
YONGLITAI AXLE

Transport your load safely
efficiently and sustainably

PRODUCT CATALOG

NAK Air Suspension and Single Tire Type Disk Brake Axle

► **Light weight** | **100kg** saving in a single axle



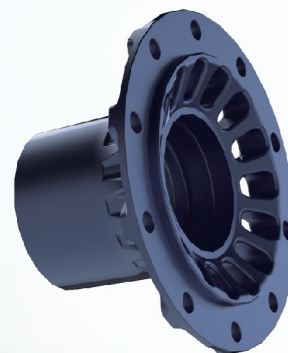
✓ Specially designed trailing arm and axle beam weld integrally.

✓ The lightweight wheel hub with special aerodynamic design to optimize heat dissipation.

✓ Design of variable stiffness damping sleeve.

✓ **300kg** weight saving in 3-axle-suspension unit.

✓ Adopting the single tire design with large offset, the widened center distance of the beam makes driving safer.

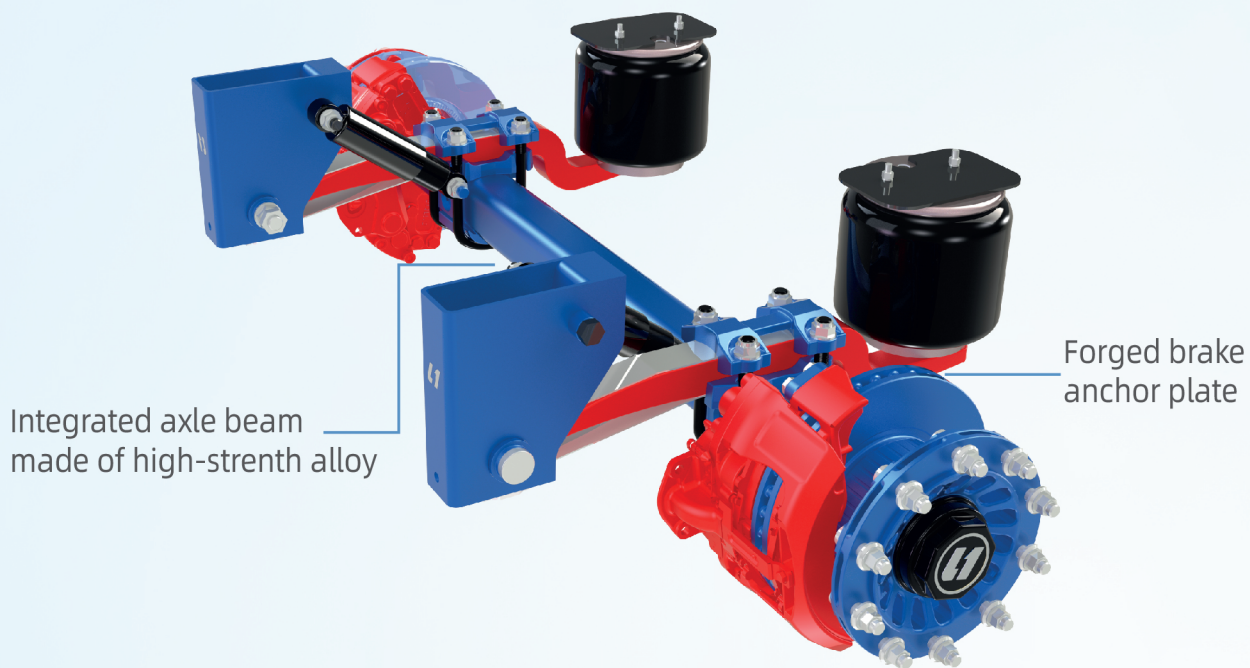


EAK Air Suspension and 120 Square Shaft Axle Assembly



Safe & Reliable

1,000,000 cycles of beam fatigue test
with a load coefficient 2.5 times higher than ECE standard



Reducing in weight of whole vehicle by **300kg**, it improves transportation efficiency.



120mm square axle beam design for large load-bearing capacity, safety, reliability and stability.



The built-in buffer device of the air bag ensures that the vehicle can drive to the service site safely after the air pipeline is damaged.



The parts are made of wear-resistant and high-temperature resistant formula. Warranty covers **2 years/300,000km**.
Maintenance is only required once a year or every 150,000 km.



IAK Air Suspension and Disk Brake Axle Assembly



Lasting & Durable

Extends service life by **50%**

Shock absorber

Anti-fatigue air bag

Solid front hanger



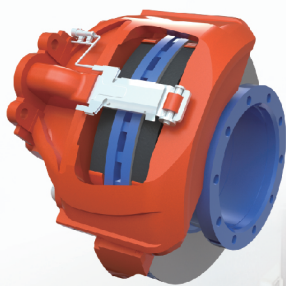
The "Y-shaped" design and arrangement of the pillar improves heat dissipation performance of brake discs.



Trace alloy elements are added to improve thermal fatigue and heat dissipation performance by **2 times**.



Brake disc **carbon content $\geq 3.6\%$** .



International brand brake caliper with Yonglitai's special brake pad formula for adapting diverse working conditions.



High temperature and wear resistant materials are used.

Warranty covers **2 years/300,000km**.

Maintenance is only required once a year or every 150,000 km.

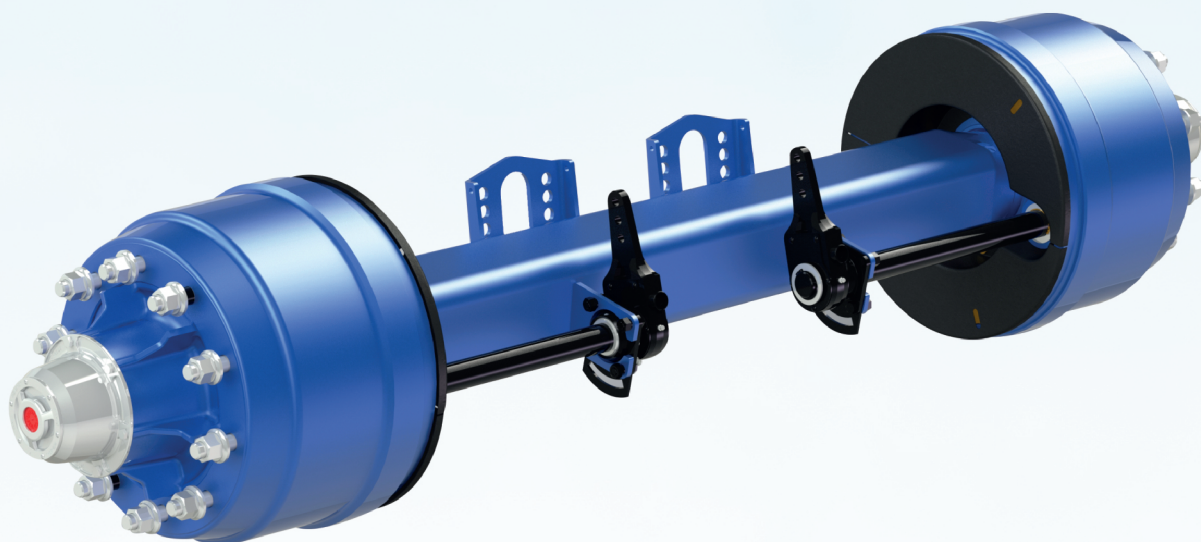


Oil Lubricated Axle



Efficient & Economy

Save about **24,000+**
maintenance costs



STEMCO oil seal, the structure is reliable and can reduce rolling resistance.



The light-weight axle beam with integrated extrusion and thickening technology provides significant enhancement in performance of bending and torsional resistance.



Outstanding thermal stability and braking performance, due to the wear resistant and heat resistant brake lining. It achieves a high standard of dynamic balance control.



It is easy for users to replace and reduces maintenance costs.

Warranty covers **3 years/500,000km.**

Maintenance is only required once a year or every 150,000 km.



The Customized Solution Provider for Running Gear Systems

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