

Dual Auxiliary Arm Vacuum Tire Changer for Heavy Vehicles

<https://qdbritop.com>

Qingdao Britop: Your Trusted Partner in Industrial Excellence



Qingdao Britop stands as a leading global supplier of premium industrial machinery and advanced power technology solutions. Rooted in integrity and engineering professionalism, we act as a strategic link between high-tech, well-regulated manufacturers and the stringent requirements of the international market. We firmly believe sustainable growth is built on solid trust from our esteemed clients and manufacturer partners. With our 10+ year experience on procurement, QA/QC supervision and whole process quality management, we are now acting closely as client's agent and manufacturers' strategy development and marketing department. We devote ourselves wholeheartedly to ensuring every piece of delivered equipment fuels the long-term success of our global partners.

World-Class Manufacturing Base-Comprehensive Product Portfolio

As a diversified enterprise, we focus on multiple core industrial sectors and all products are from manufacturers holding industry-recognized certifications—such as ISO, CE, GB or related safety certifications—ensuring compliance with international safety and performance standards as basic conditions. Our products are well accepted and popular between clients.

➤ **Excavator Front Attachments:**

We offer a diverse range of excavator front attachments, including hydraulic breakers, buckets, grapples, and augers. These attachments are designed to enhance the functionality and versatility of excavators, enabling them to handle various construction and mining tasks more efficiently. Our products are made with strict quality control standards, ensuring durability, reliability, and high performance.

We boost excavator versatility with innovative front-end attachments, enable excavators to handle complex construction, mining and engineering tasks with higher efficiency.

➤ **Filter Presses and Spare Parts:**

Filter presses are crucial for separating solids from liquids in industries such as mining, wastewater treatment, and food and beverage. We supply high-quality filter presses and a comprehensive range of spare parts to ensure the smooth operation and maintenance of these machines.

We deliver industry-leading solid-liquid separation solutions via chamber filter presses and membrane filter presses.

➤ **Pipe Locking Machines**

Our pipe locking machines are indispensable for oil & gas, construction and manufacturing industries. Designed for firm pipe fastening, they deliver leak-proof connections and eliminate potential safety risks. We offer multiple specifications to match customized project demands, featuring high precision, user-friendly operation and extended service life.

Vertical tire changer / Vertical bead breaker

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➤ Power Grid & Electrical Safety

Britop pioneers intelligent electrical solutions. We provide sophisticated power grid monitoring systems for modern infrastructure, alongside medical IT isolation power systems that guarantee critical power safety in operating rooms and ICUs. Our high-reliability UPS backup power systems further ensure uninterrupted operation for sensitive industrial facilities.

- **Core Strengths:** Real-time Monitoring; Intelligent Fault Diagnosis; Predictive Maintenance; Energy Optimization:
- **System Architecture:** Adopts a four-layer structure: Sensing Layer, Transmission Layer, Platform Layer and Application Interface Layer, ensuring maximum operational stability.
- **Technical Advantages:** Wide protocol compatibility (IEC 61850, Modbus and more), industrial-grade network security, and modular design for flexible scalability.

➤ Medical IT Isolation Power Systems

Britop medical IT isolation power systems are specially developed for Class 2 medical areas such as operating rooms, ICU and CCU. Equipped with high-performance isolation transformers, the systems isolate power supply from the ground and minimize leakage current, effectively protecting the medical instruments and so well the patients from micro electric shocks.

Integrated with insulation monitoring devices, fault location modules and remote alarm terminals, the systems support real-time power network surveillance. Fully compliant with IEC 60364-7-710 standards, our solutions set the benchmark for hospital electrical safety.

➤ UPS Backup Power Supply

We provide a complete range of UPS solutions, from entry-level offline standby UPS for home & office use to high-end industrial online UPS (YCU & YCU-G series, 60KVA–200KVA). Adopting double-conversion topology and full digital DSP control, our UPS reaches up to 95.5% efficiency, delivering stable and seamless power protection against grid fluctuations and outages.

Technical Expertise & Quality Assurance

What differentiates Britop is our profound technical strength. More than a pure trading company, we are supported by in-depth manufacturing resources from our strategic invested factories. Our professional procurement and technical teams implement strict QA/QC procedures to ensure all products comply with international safety and performance standards.

Our Commitment

Qingdao Britop is dedicated to delivering premium products and top-tier services to global clients. We strive to build long-term strategic partnerships based on trust, mutual respect and win-win cooperation.

Welcome to visit our official website or contact us directly to discuss your business needs and future cooperation.

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Dual auxiliary arm vertical tire changer / Vertical bead breaker

- 1 Applications
- 2 Features
- 3 Parameters
- 4 Site photos
- 5 Operation Guidance



The Britop dual auxiliary arm vertical tire changer stands out in the tire repair industry, boasting outstanding efficiency, reliable safety, low noise and long service life. Integrated with premium configurations and robust structure, it delivers stable performance and wide applicability, covering the scenarios below:

1. Tire Mounting and Demounting for Trucks and Buses

Equipped with a 4000 W pure copper coil motor and delivering a strong 4000 kg bead-breaking force, this machine effortlessly completes tire replacement for heavy-duty trucks and buses. Fitted with precision tooling and anti-scratch, anti-pinch dual auxiliary arms, it streamlines operations while fully protecting wheel rims and tires.

2. Maintenance for Tractor and Industrial Vehicle Tires

An essential helper for agricultural and industrial fields, it offers solid support for daily tire maintenance of tractors and industrial vehicles. Featuring a user-friendly manual control console, mature craftsmanship and low failure rate, it ensures continuous and smooth production with great cost-effectiveness.

3. Tire Overhaul for Construction Machinery

Ideal for excavators, loaders and other construction machinery, it guarantees operational safety and efficiency for vehicle tires. Built with durable cast iron claws, reinforced steel pipe frame and integrally bent auxiliary arms, the equipment features high structural strength and resists deformation even under long-term heavy loads. It is a convenient and dependable solution for tire inspection and repair.

4. Other applications on engineering machinery

Core Configuration

- Pure copper coil motor, powerful, energy-saving and high-efficiency.
- Manual control console, easy to operate and stable in operation.

Performance Advantages

- Dual auxiliary arm design effectively prevents rim scratches and tire pinching during tire mounting and demounting.
- High working efficiency, mature craftsmanship, low failure rate and cost-effective durability.

Structural Design

- Cast iron claws for outstanding durability.
- Reinforced steel pipe frame, solid overall structure, no deformation under long-term heavy load.
- Integrally bent auxiliary arms with high structural strength for stable and long-lasting operation.





Cast iron claws



4kW Pure copper coil motor



精工制造

Easy control



框架稳定

Stable frame



加厚钢管

Reinforced steel tube



Integrally bent auxiliary arms



4kW Pure copper coil motor

Item name	Parameters
Product Name	Vertical tire changer / Vertical bead breaker/Dual Auxiliary Arm/Heavy-duty Tire Changer
Tire bead pressing force	4000 kg
Motor power	4000 W
Power supply voltage	380 V
Noise	<70 dB
Tire removal range	14-22.5 / 600-1300
Equipment dimensions	1.2m * 1.2m * 2m
Machine weight	720 kg
Working pressure	15 MPa
Wheel diameter	1100-1500 mm







Please click below link to access the video on Youtube.

Operation Guidance: <https://www.youtube.com/watch?v=WjUg4vhlvAA>

Details: <https://www.youtube.com/shorts/A5dBcSBZ4FE>

Details: <https://www.youtube.com/shorts/j6L0daHkLig>

More to come



THANK YOU

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