

QUADRIGA 1000 BB

ABSOLUTE ACCURACY EXTREME EFFICIENCY

The John Bean® Quadriga 1000 BB was developed to tackle every challenge while maintaining the technician's complete control of the process. Its automatic procedures offer an effortless and safe tyre changing operation on virtually any wheel without compromising accuracy.

The system automatically measures the tyre diameter using laser technology. It precisely profiles the wheel and positions the tyre for hydraulically-driven dual bead breaking while precise motor controls remove the tyre from the wheel.

With five different operation programs, shops can customise the mounting and demounting procedures according to their needs by choosing from a fully manual, semi-automatic or fully automatic mode for UHP, run-flat, soft or hard sidewalls. A wheel lift makes the job even easier by reducing risk of wheel damage, technician fatigue, and the opportunity for injury.

Keep your shop operating with speed and precision using the Quadriga 1000 BB, the best addition for professional shops looking for premium wheel service.



AUTOMATIC TYRE CHANGER



AUTOMATIC MOUNTING/ DEMOUNTING CYCLE

Facilitates all mounting and demounting operations by automating the operation for virtually any tyre.



WHEEL AND TYRE LASER PROFILING

Automatic laser measurement of the wheel edge assures precise tool positioning to speed tyre removal and installation, reducing the opportunity for damage.



DYNAMIC BEAD BREAKER

The precisely controlled synchronised dual-disk system accurately positions both the upper and lower beads while minimising the chance of wheel damage. Includes an adjustable tilt for tyres with stiff sidewall.



LEVERLESS TOOL

Premium leverless mounting and demounting tool featuring upgraded steel and added wheel protection. This device makes mounting and demounting even the most difficult tyres quick and easy.

WHEN GOOD ENOUGH ISN'T ENOUGH, JB.

JohnBean®

QUADRIGA 1000 BB

CENTRE-POST CLAMP

The centre-post clamp design has numerous benefits, most important is the drastically reduced risk of wheel damage and less clamping restriction than the turntable design.

TOP-SIDE BEAD SEATER

This ergonomic hand-held nozzle injects a high-speed blast of air into the tyre to raise the bead and seal the tyre to the rim.

PNEUMATIC WHEEL LIFT

The pedal-operated pneumatic wheel lift assists in lifting heavy wheels to reduce technician fatigue and increase productivity.

TECHNICAL SPECIFICATIONS

Max Rim Diameter	30" 76cm
Max Tyre Width	17" 43cm
Max Wheel Diameter	47" 120cm
Wheel Lift Capability	154 lbs. 70 kg
Power Supply	230V 1ph 50-60Hz 16A
Air Pressure Required	116-174 PSI 8-12 bar
Dimensions HxWxD	75"x63"x78" 190x160x198cm

STANDARD ACCESSORIES

- Lube Brush
- 5 kg Lube Bucket Holder
- Bead Extraction Tool
- Plastic Tyre Protector
- Plastic Wheel Protector
- Bead Clamp
- Smart Bead Spacer
- Centring Cones (42-145mm)

OPTIONAL ACCESSORIES

- Light-Truck Wheel Kit
- Reverse Mount Wheel Kit
- Tractor Kit
- Mounting Tool
- BMW Clamping Kit

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