



Premium Range

# BRIGHT

Experience the European difference

## BP590D

### Truck/OTR Tyre Changer

CE



## Model: BP590D

**Product:** Truck tyre changer

**Description:** The Bright BP590D tyre changer is used to mount and demount truck, agriculture and industrial tyres. The tool head rotates 360 degrees and is equipped with a tool arm with automatic tilt back function. It is equipped with a hydraulic driven carriage allowing the tyre to move on the tyre changer without using manual labor. The small and portable console is very convenient to observe from different angles during operation.

<b>Features:</b>	<b>Benefits:</b>
Designed and Engineered in Europe	Italian software
Super-duty electric motor and hydraulic drive	For superior torque and wheel holding power.
Self-centering hydraulic clamping chuck	To ensure secure clamping of rims.
Heavy, tapered roller bearings, and a dual direction hydraulic motor	Providing smooth torque.
Hydraulic sliding carriage for positioning, bead loosening, mounting, and demounting procedures	Less manual labor for the operator.
Single piece frame	For superior rigidity.
Hydraulically operated spreader-type jaws	Ensure secure clamping of virtually all rims and off-road wheels.
Massive chuck spindle	To handle the heaviest loads
Sturdy spindle, chuck and mount-demount head	Hydraulically rotates, raises, and lowers with simple operator controls.
Simple design	Makes it so much easier to operate.
	<b><i>Time and Labor Efficiency:</i></b> <b>Speed:</b> Truck/OTR tyre changers are designed to handle large tyres quickly, reducing downtime for vehicles. <b>Labor Savings:</b> They require fewer personnel to change tyres, improving overall efficiency and reducing labor costs.
	<b><i>Safety:</i></b> <b>Reduced Risk of Injuries:</b> Manual tyre changing for OTR and large truck tyres can be physically demanding and hazardous. Tyre changers minimize the risk of injury to technicians by automating the process.
	<b><i>Precision and Consistency:</i></b> <b>Accurate Mounting</b> These machines ensure precise mounting of tyres, reducing the chances of uneven wear and improving vehicle performance and safety.

	<p><b>Versatility:</b>  <b>Handling Large Tyres:</b> OTR tyre changers can handle a wide range of tyre sizes, including massive tyres used in mining and construction equipment.  <b>Compatibility:</b> They can work with different types of rims, including split rims and lock rings.</p>
	<p><b>Cost Savings:</b>  <b>Longer Tyre Life:</b> Properly mounted tyres last longer and wear more evenly, reducing the frequency of tyre replacement.  <b>Reduced Maintenance Costs:</b> Preventing damage during manual tyre changing can save on maintenance and repair expenses.</p>
	<p><b>Increased Productivity:</b>  <b>Minimized Vehicle Downtime:</b> Faster tyre changes mean less downtime for vehicles and equipment, improving overall productivity.  <b>More Tyre Services:</b> Businesses can offer tyre services to a wider range of customers, potentially increasing revenue.</p>
	<p><b>Improved Tyre Handling:</b>  <b>Reduced Tyre Damage:</b> OTR tyre changers are designed to minimize the risk of damaging tyres or rims during the changing process.  <b>Enhanced Tyre Care:</b> Proper tyre handling and mounting help extend tyre life and ensure optimal performance.</p>
	<p><b>Environmental Benefits:</b>  <b>Reduced Waste:</b> Accurate mounting reduce the need for tyre replacements, contributing to lower waste generation.  <b>Fuel Efficiency:</b> Properly mounted tyres can improve fuel efficiency, reducing carbon emissions.</p>
	<p><b>Enhanced Customer Satisfaction:</b>  <b>Quick Service:</b> Faster tyre changes result in shorter wait times for customers, leading to higher satisfaction.  <b>Quality Work:</b> Precise mounting ensure customers' vehicles operate safely and efficiently.</p>
	<p><b>Competitive Advantage:</b>  Offering advanced tyre services can set businesses apart from competitors and attract a broader client base.</p>
Training available	Technicians can be professionally trained to use the machine and get the maximum benefit from it.
1 year warranty	The machine will be repaired if there are any factory faults and can be replaced if required.

Spares available

Should you have a breakdown you will not have to wait for your machine to be repaired. If there is anything we don't have, we fly it in directly from the Suppliers.

Technical information	
Rim diameter	14" - 46" inch
Rim range with extension	46" - 56" inch
Rim width	1100 mm
Max wheel diameter	2200 mm
Hydraulic power	130 - 150 bar
Hydraulic station motor power	1.5 kw / 380V
Main shaft motor power	2.4 kw / 380V
Noise	<75 dB
Machine dimensions	2500*1800*2100 mm
Packaging dimensions	2280*2070*1070 mm
Machine weight	891 kg
Packaging weight	1152kg

