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BP810

Semi Auto Swing Arm Tyre Changer



Model: BP810

Product: Passenger semi auto swing arm tyre changer

Description: The ideal machine for a small workshop or service station. The BP810 is a semi-automatic tyre machine equipped with a sideways rotating mounting arm, allowing the machine to be placed in small spaces. The machine is robust and suitable for standard wheels from 10" to 23" inches. This powerful tyre changer handles everything from simple standard steel wheels to large delicate custom alloy wheels. The control pedals have a stop-move function that can stop the chuck jaws at any position to easily tighten the rim. It can also be equipped with a motorcycle adapter kit for the mounting/demounting or motorcycle tyres.

Features:	Benefits:
Designed and Engineered in Europe	Italian software
Semi automatic	As the arm swings to the side, the machine needs a small space to operate.
Swing Arm tyre changer	Compact design, easy to unscrew it to accommodate smaller wheels or screw it in further for the larger wheel. The swing arm is a pivotal component of the machine that swings horizontally to assist with mounting and demounting tyres. It allows the technician to position the tyre and rim assembly for ease of operation.
Super-duty electric motor	Hydraulic drive for superior torque and wheel holding power
High-torque electric turntable	Faster operating speeds and reverse-direction control for easier tyre swaps, this tyre changer reduces the risk of tyre damage
The demounting head is made of a special material	Designed to be more robust, durable enough to withstand the stress of larger tyres and wheels. It comes into direct contact with the tyre and rim assembly. It is used to remove the tyre from the rim (demounting) and to mount a new tyre onto the rim.
Small foot pedal	To operate the machine, technicians use foot pedals to control the swing arm, bead breaker, and other functions. This allows for hands-free operation during critical steps. The foot pedal can be stopped and positioned so that it is convenient to clamp the rim.
Drawer type pedal assembly	Easy to disassemble when it needs to be serviced or repaired.
The bead breaker system is delicately designed	To make the operation more reliable. The rubber pad is thicker to ensure it is feasible to demount vehicle tyres and motorcycle tyres with brake pads. The bead breaker is used to break the seal between the tyre and the rim.

Clamping System/turn table	The machine has a clamping system that holds the rim securely in place during the tyre-changing process. This system consists of adjustable clamps or jaws to accommodate different rim sizes.
Inflation gun	A valuable tool that helps technicians ensure that newly mounted tyres are properly inflated to the recommended pressure.
Rim Protection	Equipped with plastic or nylon inserts to protect the rim from damage during the tyre-changing process.
Optional motorcycle clamps	Not only will you be able to mount & demount passenger vehicles, you can also do motorcycle tyres.
	Efficiency: Can speed up the process of changing tyres compared to manual methods.
	Reduced Physical Strain: Help reduce the physical strain on technicians, as they require less manual effort to change tyres. This can lead to improved workplace safety and fewer injuries.
	Consistency: Provide a level of consistency in tyre mounting, leading to better results. This can enhance overall vehicle performance and safety.
	Versatility: Are designed to handle a wide range of tyre sizes and types, making them suitable for various vehicles.
	Time Savings: With the automation features, save time during busy periods, allowing technicians to serve more customers in less time.
	Cost Savings: Over time, the increased efficiency and reduced labor costs can lead to cost savings for the business.
	Customer Satisfaction: Faster service and more accurate tyre changes can lead to higher customer satisfaction and repeat business.
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.
Operational videos	Technicians can learn how to operate the machine by watching a video, which is easier and more simple than written instructions.

Technical information	
Outside clamp	10" - 20" inch
Inside clamp	12" - 23" inch
Max wheel diameter	960 mm
Tyre width	3" - 12" inch
Turntable configuration	20" arch shape
Turntable rotation speed	6.5 rpm
Turntable ram cylinder diameter	70 mm
Working air pressure	8 - 10 bar
Bead breaker force	2500 kg
Power supply voltage	220 V
Power	0.75 - 1.1 kW
Noise	<70 dB
Machine dimensions (L*W*H)	1200*1100*1900 mm
Packaging dimensions (L*W*H)	980*760*950 mm
Machine weight	179 kg
Packaging weight	207 kg

Optional extras

Motor cycle / ATV adapter available
C-M-0400000

