

The new helper arm device: ergonomic and flexible

Bosch TCE 330



BOSCH

Invented for life



TCE 330 is a pneumatic device to assist during mounting and demounting operations of any type of passenger car and light commercial vehicle tire.

It is especially recommended to mount and demount UHP and RFT tires. It's equipped with a roller that works close to the duckhead, allowing to push the bead into the rim drop center or to pull it out during demounting operation. A second pressing point is mounted on a movable arm positioned overhead; it follows the tire during rotation, keeping the bead in the drop center.

The roller is operated by a powerful (5500 N) double effect pneumatic cylinder while the follower arm uses a separate cylinder that reaches 2500 N. TCE 330 is designed to offer a great user experience, control switches are accessible from any working position and the high positioning of the follower arm facilitates all operations on the tire bead.

Product Features:

- ▶ It has separate movements of the pressing tools, allowing a precise control of the operation, giving the possibility to press or release only in one specific point where needed.
- ▶ Locking system to fix the horizontal arm in position when used.
- ▶ Follower arm as standard in all configurations.
- ▶ Control switch always accessible from any working position.
- ▶ Space saving, small dimension to avoid interference during other operations.
- ▶ Possibility to upgrade with a 3rd pressing point (accessory operating on the right side of the wheel 3 o'clock).

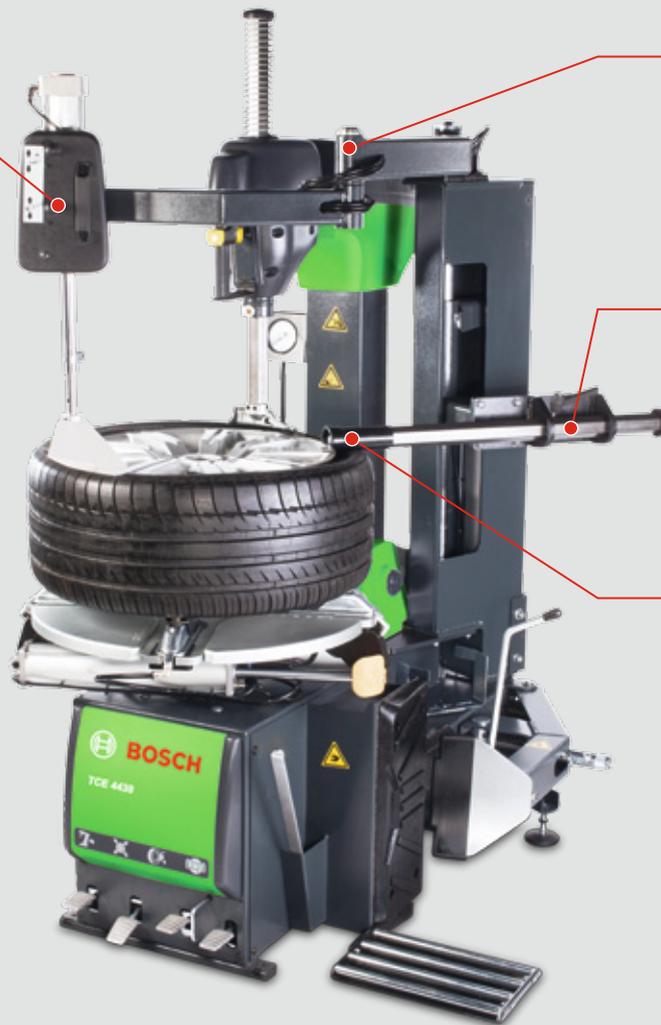
At a glance

Control switch always accessible from any working position

Follower arm as standard in all configurations

Locking system to fix the horizontal arm in position when used

Horizontal arm close to the duckhead

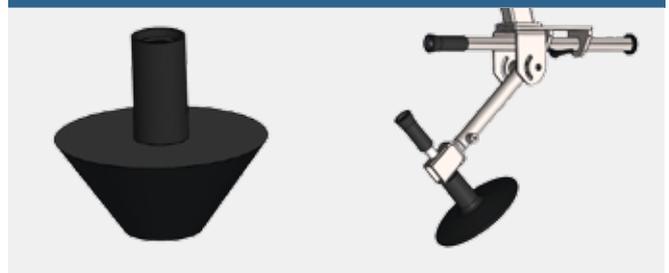


Technical specifications

Operating pressure	8 – 10 bar
Working range*	up to 30"
Max. wheel diameter*	1200 mm
Min. wheel width*	3" (horizontal arm) 5" (follower arm)
Max. wheel width*	15"
Max. press force	5.500 N (horizontal arm) 2.500 N (follower arm)

* Maximum values might change according to technical specification of the machine where TCE 330 is applied.

Accessories



Wheel pusher kit

3rd pressing point

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