



56" truck tyre changer in compact version, suitable for installation on commercial vehicles for mobile service

ENERGY SAVING



TBE 145 VAN

N-S



The TBE145 VAN model is the high-performance solution for handling wheels in agricultural, earth-moving and heavy transport field.



TYRE CHANGER FOR TRUCKS - AGRICULTURE - EARTH-MOVING

Mondolfo Ferro has always been focused on **technological advancement** and **evolution** of its products. TBE 145 VAN has been re-engineered to offer **compact size machine dimensions** suitable **for installation on the truck bed for mobile service**.

The tyre changer can be electrically powered with 400v line voltage or by means of a current generator with a minimum power of 4 kW (tyre changer only).

Available in the standard version with aerial control arm or in the optional version with a ground control column, on which the radio transmission unit can be installed.

With its **compact size** and versatility, this model is designed for installation on truck beds in both longitudinal and transversal directions to provide a reliable **mobile service** for agriculture and trucking.

TBE 145 VAN also means **energy-saving**: it is equipped with **ENERGY SAVING** to reduce electricity consumption as much as possible.

Whenever the machine is not working, it automatically shuts down and restarts on command.



INDEPENDENT MOVEMENTS

New **independent movement** of the **turntable clamp** and tool arm.

This will allow the wheel to be positioned quickly, accurately and precisely in relation to the demounting tools.



The model is available in the following versions:

SEMI-AUTOMATIC:
TBE145 VAN N with manual lifting and tool rotation (super compact).

AUTOMATIC:
TBE145 VAN S with lifting and tool rotation regulated by the control unit.

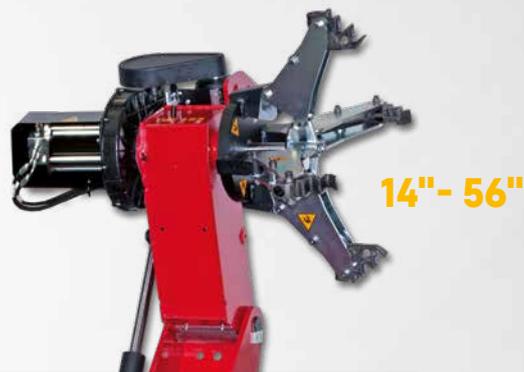
1 2-SPEED GEAR UNIT

Already well-tested and reliable, this gear unit is used on Mondolfo Ferro's top-selling TBE156 and TBE160 tyre changers. **Use of a self-braking electric motor offers greater precision during tyre demounting and mounting operations.**



2 CLAMP

Hydraulically controlled clamp that can work on rims from **14" to 56"** (using the extensions provided). Our exclusive TRAP rings are always available, on request, for aluminium rims. **2 rotation speeds.**



3 CONTROL PANEL

Arranged rationally in easy-to-use positions, the controls will allow operators to perform all the operations **effortlessly, rapidly and safely.**



4 TOOL ARM

The tool arm in **TBE145 N VAN**, version is compact and lightweight.

The tool arm is manually rotated and lifted by means of specially provided quick release levers.



The fully hydraulic tool arm in **TBE145 S VAN** version, is solid and robust. The the tool arm can be rotated and lifted via hydraulic controls.

5 NEW BASE

The TBE145 VAN features a new compact base to handle up to 1,000 mm-wide wheels.

Its small footprint makes it ideal for use on truck beds for mobile service of the highest quality.

The new base **guarantees a maximum wheel weight of 1,200 kg.**



TBE 145 VAN N-S

TECHNICAL DATA

Maximum wheel width	1000 mm
Maximum wheel diameter	2200 mm
Clamp capacity	14" ÷ 56"
Wheel central hole minimum Ø	110 mm
Hydraulic power unit motor	3ph - 1,5 kW
Two-speed gear motor	3ph 1,3 kW ÷ 1,8 kW
Max. torque delivery	4200 Nm
Bead breaker force	2900 kg
Max. liftable wheel weight	1200 kg
Wheel lifter cylinder load capacity	2200 kg
Voltage	400/230 V - 3 ph - 50/60 Hz
Machine weight	900 kg
Generator weight	480 kg

STANDARD EQUIPMENT



RECOMMENDED ACCESSORIES



Clamping alloy rim adapter

8-12100007 Ø 161 mm **8-12300001** Ø 220 mm
8-12100005 Ø 164 mm **8-12100009** Ø 221 mm
8-12100006 Ø 176 mm **8-12100010** Ø 281 mm
8-12100008 Ø 202 mm



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Alloy rim clamp



0-12300201

DM120 - pneumatic bead pressing tool

x 4



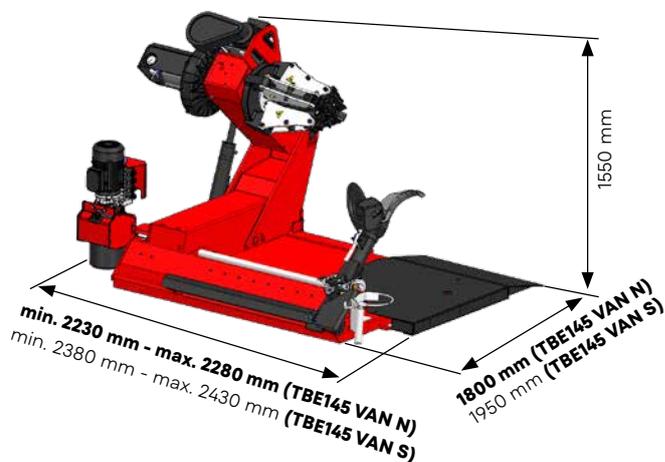
8-12100175

Aluminium wheel guard kit



8-12100191

Electricity / air generator



For further information, consult the complete accessories catalogue.



NEXION SPA
 info@mondolfoferro.it
 www.mondolfoferro.it

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