

MONDOLFO FERRO — TORNADO

**PREMIUM CONTACTLESS HYDRAULIC SUPER-AUTOMATIC
TIRE CHANGER WITH WHEEL DIAMETER SELECTION**



SPECIFICATIONS

WHEEL DIMENSION RANGE

Rim Diameter 13" - 32"
Maximum Tire Diameter 47"
Maximum Tire Width 16"
Upper and Lower Bead Breaking Force 1984 Lbs

ELECTROMECHANICAL TURNTABLE

Automatic Clamping With Handle
Rotation Torque 1200 Nm
Motor Rating 2-Speed Inverter Motor
Rotation Speed 7-18 RPM

WHEEL LIFTER CAPACITY

Premium Lifter 187 Lbs

POWER SUPPLY

Electric 1 Ph 230 V, 50/60 Hz
Pneumatic Operating Pressure 8 Bar
Hydraulic Power Unit Motor 8 kW
Operating Hydraulic Pressure 120 Bar
Weight 1213 Lbs
A-Weighted Sound Pressure Level (LpA)
on the Workplace <70 dB(A)

DESCRIPTION

- Innovative 'Without Lever' contactless hydraulically operated super-automatic tire changer with wheel diameter selection • Handles all types of wheels from 13" - 32" • Automatic demounting cycle • Increased use of alloy, chrome and painted rims requires a touchless work environment • Rim diameter pre-selection, with the relevant automatic positioning of the wheel with respect to the Revolver Tool and the coordinated movement between the wheel's axle and the Revolver Tool ensure great ease of operation and excellent precision.

FEATURES

- Revolver tool (4 tools) with 3 automatic rotation positions.
- Bead pressing tool.
- Intelligent electro-mechanical turntable with Hydraulic axial movement.
- Premium lifter with complete-movement ascent and descent (187 Lbs).
- Latest-generation inverter motor.
- Ergonomic pedal controls.
- Manually adjustable tool for the assembly of the first bead.
- Lower bead breaker disc and lower assembly tool with separate movement.
- Hydraulic power unit.
- Mobile control console.
- Inflation electronic inflator.
- Interactive multifunctional TFT-LCD TOUCH SCREEN interface with microprocessor control.

AUTOMATIC CYCLE

- Complete dismount cycle through automation.
- Automatic wheel dimension acquisition enabling automatic tool position.
- Makes tire work faster, safer and simpler while ensuring total protection of the wheel and tire.



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INFLATRON ELECTRONIC INFLATION

- Integrated, automated inflation and deflation system.
- Permits auto inflation while operator performs other operations for optimized time use.
- End of cycle indicator.



VIDEO CAMERA

- Positioned for a clear view of lower side of tire.
- Activated during operation.

TREAD DEPTH PROBE

- Measures tread depth.
- Values show up in yellow or red to indicate near minimum or below minimum limits.

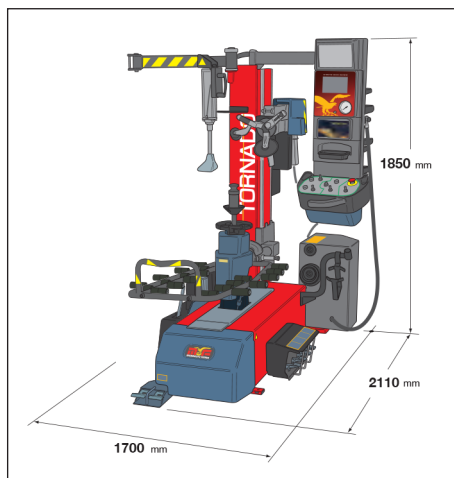


TIRE TEMPERATURE SENSOR

- Real time tire and bead temperature measurement.
- Intuitive colour based temperature indication in accordance with WDK requisites for working with RFT and UHP tires.

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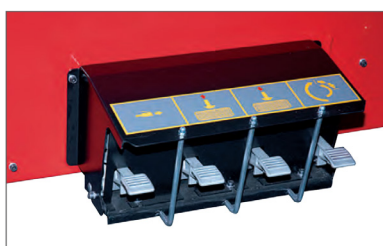
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*Dimension of Tornado Tire
Changer With Premium Lift*



Standard Equipment



Pedal Unit

4 Pedal Unit • Turntable
Rotation • Wheel
Clamping • Wheel
Unlocking • Inflation

INCLUDED ACCESSORIES

PART #	DESCRIPTION
8-11100037	Tire Changer Pick-up Rim Centering Kit
8-11100156	RAPTOR Reverse Wheel Flange
BM-TORNADO	TORNADO PREMIUM Tire Changer
PEP-8	Euro Paste • 8 Lbs
PEP-BK	Bracket — Mounting Paste

OPTIONAL ACCESSORIES

PART #	DESCRIPTION
8-11100039	Inverted Drop-Centre Rim Flange
8-15100003	28 mm H Spacer Ring.
8-11100087	Universal Flange for Special Closed Rims
GT-BB06LM	Gaither Bead Bazooka • Bead Seating System



8-11100037



8-11100156



GT-BB06LM



Mobile Control Console

All Work Operations are
Controlled by the Freely
Positionable Console

YOUR LOCAL DISTRIBUTOR



*Scan to View a Video of the Aquila
Tornado Tire Changer With Premium
Lifter*