

MONDOLFO FERRO — RAPTOR

LEVERLESS AUTOMATIC TIRE CHANGER WITH LIFT



RAPTOR / Leverless Automatic Tire Changer With Lift



2-Speed / Single
Phase / 230 V

ADVANTAGES

HIGH WORK PERFORMANCE

Wheel clamping with a wheel support plate, a lateral dual bead breaker disc with two independent rollers and the demounting device without lever guarantee this machine's excellent performance.

EASE OF USE

The demounting device "without LEVER", integrated in the traditional head, in combination with a multifunctional console, makes this machine truly easy to use and completely eliminates operator effort.

RIM AND TIRE PROTECTION

Each work operation is supported by functions and features that can guarantee the perfect condition of the rim and tire. Wheel clamping from the central hole without the use of clamps, the automated tire demounting unit without the use of a lever in combination with absolutely efficient and safe bead breaking guarantee operator safety.

SPEED

The perfect integration of various functions, in combination with an ergonomic work station, make work faster in all situations.

UNIVERSALITY

Aquila Raptor can work correctly on all types of car and light transport vehicle wheels up to 28", thanks to a complete offer of standard and optional accessories.

DESCRIPTION

- RAPTOR, super-automatic tire changer equipped with a "LEVERLESS" mount/demount device making it possible for the operator to change any type of tire with a minimal amount of physical effort.
- Extremely simple and intuitive to use, combining work operations that have been learned by tire installers over the years with innovative automation and functions.
- 180 degree rotation single arm bead breaker for reliable and rapid bead breaking on both sides of the tire.
- Side mounted wheel lift effortlessly raises heavy tire/wheel combinations onto the machine.
- This tire changer was designed to make it easier to mount and demount all types of tires, especially rigid, low profile and Run Flat tires, including the following: Bridgestone RFT, Goodyear RunOnFlat, Pirelli Eufori@, Michelin ZP, Continental SSR, Dunlop DSST, etc.

SPECIFICATIONS

Rim Diameter	12" - 28"
Maximum Tire Diameter	42"
Maximum Tire Width	15"
Turntable Rotation Torque	885 Ft-Lb
Turntable Rotation Speed	6 - 15 RPM
Wheel Lift Capacity	187 Lbs
Bead Breaker Range	26"
Bead Breaker Stroke	21"
Bead Breaker Pressure	1236 Lbs at 145 PSI
Tubeless Inflation	Yes
Drive System	2-Speed Inverter Motor
Power Supply (Single Phase)	230V, 60Hz, 0.75kW
Height	88"
Width	80"
Depth	71"
Weight	836 Lbs

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COMMON REPLACEMENT PARTS and OPTIONAL ACCESSORIES

PARTS

PART #	DESCRIPTION	QTY
5-100683E	Tire Locking Handle	1
456522B	Filter / Regulator / Lubricator	1
3-00490	Tire Air Pressure Gauge	1
5-100688	Bead Breaking Roller	1
4-106888	Bead Press, Pressure Head	1

ACCESSORIES

PART #	DESCRIPTION	QTY
PEP-8	Mounting Paste	1
73	Lube Brush	1
801435685	Bead Clamp	1
801262417	Softline Bead Clamp	1
8-11100118	Pax System Kit	Kit
8-11100156	Reverse Wheel Flange Adapter	Kit
8-11100037	Offset Adapter	1
8-11100128	Pneumatic Bead Pressing Help Device (Included in Raptor)	1

WHEEL PROTECTION

PART #	DESCRIPTION	QTY
8-11100401	Pneumatic Locking Kit Protection	1
8-11400293	Head Inserts	5 & 10
8-11120014	Rim Edge Protector	3
8-11120015	Rim Edge Protector	3
8-11120013	Tire Bead Protector	2

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