

AQUILA AUDAX



automotive service equipment



AQUILA AUDAX

AQUILA AUDAX is an automatic “**LEVERLESS**” tire changer for rims up to **30”**, which is ideal for mounting and demounting jobs involving particularly delicate or difficult wheels and tires - from low profile tires to all types of run flat tire. “**LEVERLESS**” technology means that all operations on the rim and tire are performed with extreme simplicity, eliminating the risk of damage and cutting job times significantly. The most significant characteristics of this machine are its **compactness**, which makes it ideal for use where space is limited, **an ergonomic design**, with optimum working heights and control positions, and the **180° rotating single arm bead breaker**, for rapid and precise bead breaking on both sides of the tire. The machine also features an **axially clamping wheel support plate**, with automatically adjustable rotation speed. Each component is optimized for superlative performance and durability to ensure maximum returns on your investment for years to come.

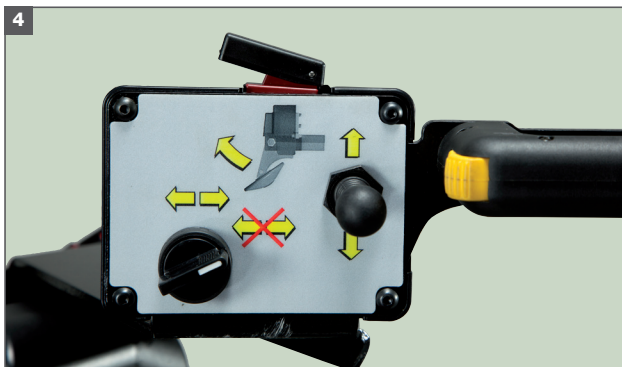
1-2-3.

180° rotating single arm bead breaker (Patent Pending), for precise, reliable and rapid bead breaking on both sides of the tire.

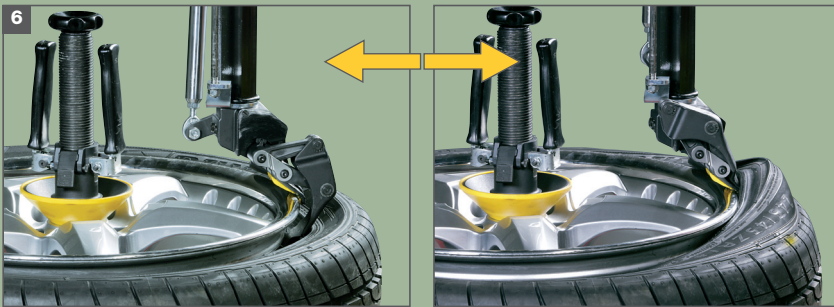
4.

Control panel.

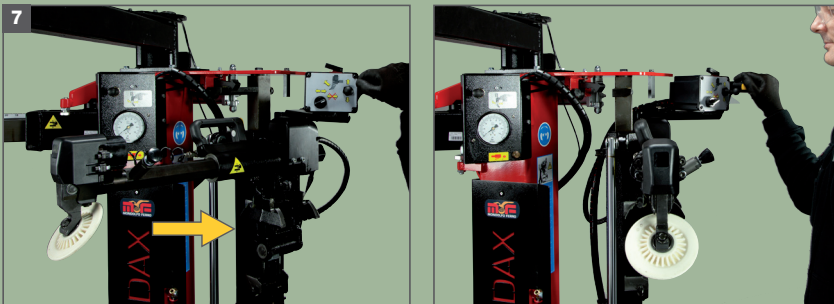
5. Rapid bottom bead demounting procedure with bead breaker disc (particularly useful with stiff sidewalls)



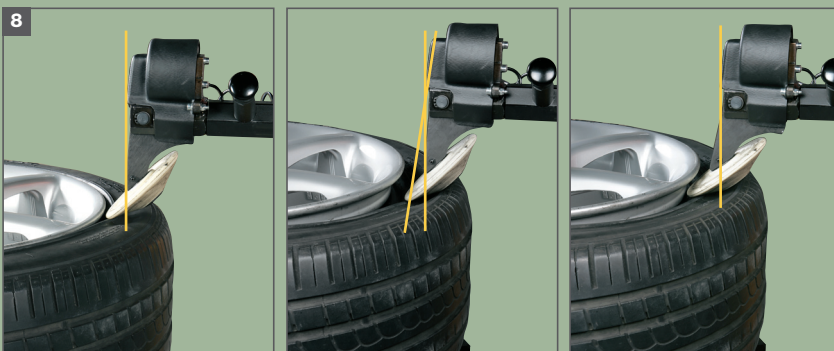
Automatic tire changer with "Leverless" technology
Faster, safer work with all wheel types



6. Demounting upper bead

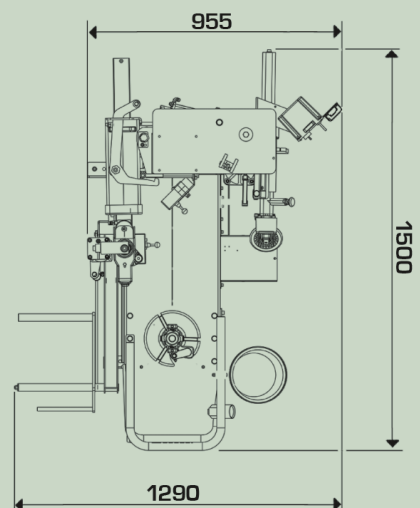
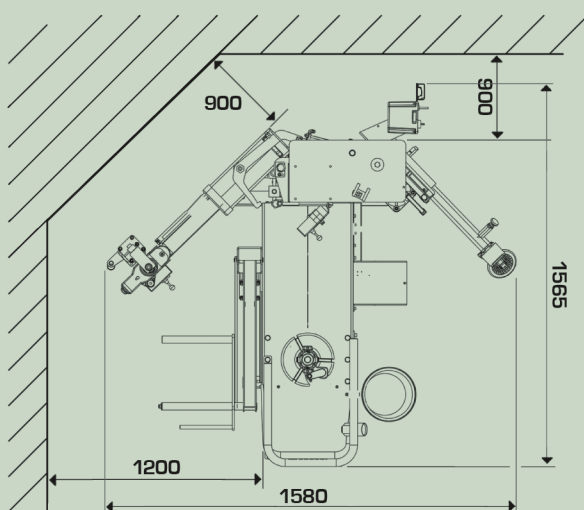


7. Bead Breaker - Pneumatic lateral arm movement, allowing placement of bead breaker on bottom side of tire



8. Controlled penetration system to simplify bead breaking jobs with more difficult wheels (Patent Pending)

Dimensions



AQUILA AUDAX

Optional accessories

An extensive range of optional accessories are available to meet all the needs of industry professionals.



/Pneumatic bead pressing tool



/ Wheel lift



/Flange for universal closed center rim kit



/Flange for reverse rim wheels



NEXION SPA - ITALY - - A sole shareholder Minio company

info@mondolfoferro.it - www.mondolfoferro.it

Technical specifications

► WHEEL SIZE RANGE

rim diameter

12" - 30"

max. tire diameter

1200 mm (47")

I maximum tire width

15" (from the wheel supporting base)

tire types processed

conventional, low profile and Run Flat

► TURNTABLE

clamping

mechanical-manual

drive system

2-speed inverter motor

rotation torque

1100 Nm

rotational speed

7-18 rpm

► BEAD BREAKER

maximum bead breaking range

670 mm

bead breaker stroke

540 mm

bead breaker force

7600 N

► WHEEL LOADING/UNLOADING

operation

pneumatic

max wheel weight

85 Kg

► ALIMENTAZIONE POWER

h electric 1Ph

230V-0.98 kW 50Hz/60 Hz

electric 1Ph (alternative)

110V-0.98 kW 50Hz/60 Hz

pneumatic operating pressure

8 bar (min)

weight with lifter

310 kg

Watch the demo video >



www.facebook.com/MONDOLFOFERROofficial



<http://www.youtube.com/user/MondolfoFerro>



The company reserves the right to modify the technical specifications of its products at any time.

by Marketing - Cod. DPMF000239C - I-UK - 01/2018.