

**Product Name :**  
Automatic Tyre Changer

**Product Code :**  
ASTRALAB-SUPPLYA20018



**Description :**

Automatic Tyre Changer

**Technical Specification :**

Automatic Tyre Changer is an Electro Pneumatic Machine with toughest and robust body. This tyre changer ensures easy fitting & removal of tyre within very short time without any trouble.

**Bead Breaker:** The Powerful bead breaker is operated by a double acting cylinder (186 mm) with drawn high tensile alloy steel barrel designed to last a long time even under unfavorable conditions such as humidity / poor

etc. as soon as wheel has been placed between the rubber support bracket and the bead breaking plate, the pneumatic arm can be actuated by means of paddle. The arm exerts a break force of 16.5 KN at 12 bar by which even difficult to shift type bead can be relived from the rim without risk of damage of rim.

**Four Jaw Clamping:** The self centering chuck is equipped with four locking jaws rotating in either direction and can clamp either from the outside of the rim (10 - 18) or from inside of rim (12 - 20). The clamping jaws are operated by two pneumatic cylinder. All four jaws are running simultaneously in either direction and hence self centering is maintained. The tyre can be fitted and removed without touching the rim. Hence wheel plated rim will be totally safe

**Safety Precautions:** To prevent the machine from the risk of break down when continuously at work, an air supply service unit oil atomizer is fitted with the system. Due to this, pneumatic Cylinder are automatically lubricated with oil, hence there is no chance for humidity and foreign particles to accumulate in the Cylinders.

**Standard Accessories:**

Air inflating Gauge

Tyre Lever

External Rim Clamping: 10 min. 18 max

Floor Space: L960xW730xH1560 mm

Net Weight of Machine: 200 Kgs.Approx.

Gross Weight of Machine: 230 Kgs.Approx.

Internal Rim Clamping: 10min. 20 max

Wheel Rim Width: 10

Max Chuck Rotating to Torque: 100-110 Kg.

Drive Motor: 0.75 Kw / 1 HP 1 Ph 230 V

Bead Breaker Opening: 13 (325mm)

Max Wheel Diameter: 40 (1010mm)

Bead Breaking Pressure: 16.5 Kn at 12 Bar

Compressed Air Required: 6 to 12 Bars.

**Address:** K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265



## **Astra Scientific**

www.astrascientific.com, **Email:** info@astrascientific.com