

**S.M.INDUSTRIES**

**SHIV SAI INSTRUMENT**



Precision | Perfection | Innovation



**WE ARE MANUFACTURER OF | ALL TYPES OF NITROGEN & AIR  
MACHINE | INFLATOR | COMPRESSOR**

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# Automatic Tyre Changer Machine

A tyre changer machine, also known as a tire changer or tire fitting machine, is a piece of equipment used to efficiently and safely mount and dismount tires from automobile wheels. It is a critical piece of equipment in automotive repair shops, tire shops, and garages for handling a variety of wheel and tire assemblies.

## Technical Data

Beast XL  
Rim clamping size- 10-24 inch  
RF switch- 40A  
Motor capacity- 1.5 Hp  
Dual capacitor  
Wheel diameter- 1140mm  
Quick inflation unit operated with extra pedal  
Working pressure- 8- 10 bar  
Alloy mix Bead breaking cylinder  
Bead breaking force- 2800kg  
Gross weight approx. 265kg



# Tyre Cut Repair Machine

Tyre cut repair machine, also known as a tire vulcanizer or spotter, is a piece of equipment used to repair large, damaged sections of vehicle tires. These machines use a process of heat, pressure, and special rubber materials to permanently bond a patch over the cut, restoring the tire's structural integrity.





# Automatic Tyre Inflator

## Model - SSIINFREG

### Specification

- Character height 2"
- Display LCD with Back Light
- Digit -3 per Row
- Two Display for Set Pressure & Tyre Pressure
- Membrane Keys for setting
- Weight approx 5 kg
- Dimension 110x300x350 mm
- Wall mounted
- Power supply 220v - 240v, AC 50Hz single phase
- Pressure set 01 to 150 psi



## Automatic Nitrogen Machine

50 Ltr / 70 Ltr

### Features

- Inbuilt Nitrogen storage tank
- Nitrogen purity: 94%-98% highly accurate pressure reading
- Records the last successful filled set pressure
- Comprehensive diagnostics and error reporting
- Retains the history of the number of tyres inflated
- Audio and visual indication at the end of inflation / deflation cycle: audible buzzer
- Multiple safety control circuits embedded in the system for high level of customer safety
- Nitrogen conversion can be undertaken simultaneously for two tyres at the press of a button
- Vacuuming (optional)
- Auto function: using this button user can automatically vacuum & inflate Nitrogen Gas in first time users



# Online N2 Nitrogen Machine

An Online N2 Nitrogen Machine delivers high-purity nitrogen on demand, reducing costs and eliminating the need for cylinder storage. It's a compact, reliable, and efficient solution for continuous nitrogen supply across various industries.

## Technical Data

- Character height 2"
- Display LCD with Back Light
- Digit -3 Per Display
- Total 2No of Display for Set Pressure - Tyre Pressure
- Membrane Keys for Setting
- Weight - 40 Kg Approx
- Purity - 94%-98%
- Auto / Manual Mode
- Dimension 520x450X1400mm Approx
- Pressure set 01 to 150 psi



## Videography Car Wheel Balancer

### Precision and Efficiency in Every Turn

Our Digital Car Wheel Balancer ensures optimal wheel performance with cutting-edge technology. It provides fast, accurate balancing, enhancing vehicle safety, stability, and ride comfort. Perfect for automotive workshops looking for precision and reliability.

## Technical Data

|                           |                      |
|---------------------------|----------------------|
| Rim Diameter              | : 10"-24" Inch       |
| Max Wheel Weight          | : 65 kg              |
| Max Wheel Diameter        | : 1000 mm            |
| Rim Width                 | : 1.5"-20" inch      |
| Precision                 | : +/- 1g             |
| Motor Power               | : 0.25kw             |
| Power Supply              | : 230 V Single phase |
| Rotation Per Minute       | : 200 RPM            |
| Balancing Time            | : 10s                |
| Second Time Mounting Test | : < /=5g             |
| Noise Level               | : < 70db             |



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