

# R143iP

## AUTOMATIC TILTBACK TYRE CHANGER

**High performance tyre changer with heavy-duty tilt back structure.**

Available with either a 3ph two speed motor or a 1ph inverter motor for variable speed control. Large capacity 24" external clamping range. Quick table inflation system for tubeless tyres. Equipped with galvanised double-acting bead breaker cylinder.

### FEATURES

- Large heavy-duty chassis
- Pneumatic tilting column ensures peak rigidity
- Large 24" external rim clamping capacity
- Pedal operated tubeless tyre inflation system
- Double-acting bead breaker cylinder with reinforced bead breaker arm
- Spring loaded hexagonal shaft with pneumatic locking device
- Removable pedal unit for easy maintenance
- Plastic jaw & mounting head protectors



#### Pedal Operated Turntable Rotation

The 3-phase two speed motor provides maximum torque for the toughest of tyres, whilst the 1-phase inverter motor allows techs to easily regulate the rotation speed thanks to its 0-16 rpm variable speed control. Operated by the rotation pedal, both designs help to reduce stress on the bead to avoid any damage to the tyre.



#### Tubeless Tyre Inflation

Quick table inflation valve for tubeless tyres. Pedal operated inflation device complete with inflator valve and pressure gauge



#### PLUS83H Low Profile Assist Arm

Installed with a low profile assist arm, the PLUS83H allows technicians to change low profile tyre with ease. Air driven, it features a fixed roller arm as well as rotating pushing tool which follows the tyre during rotation.

### STANDARD ACCESSORIES

#### VSG800A117 (2 x kit)

Tool protection kit for metal mount / demount head

#### VSG800A6 (24" - 26")

Clamp Protectors (4 pcs)

#### VSG800A11 Qty. of 1

Bead breaker protection

#### VSG800A37 (3,5 kg / 8 lb)

Mounting grease.

#### VSG800A38

Brush.

### OPTIONAL ACCESSORIES

#### SMALL WHEEL ADAPTER VSG800A111

Reduces clamping capacity to 8" for ATVs and lawn equipment tires.  
- requires VSG800A107 wheel clamps

#### VSG800A107 Motorcycle Adapters

Wheel reducer adapters, -2", -4" from outside

#### R143iP services:



Optional equipment may be required

TECHNICAL DATA	R143iP
Chuck rotation speed (rev/min)	6.5-13 rpm (Q version) 0-16 rpm (D version)
Maximum torque to chuck	885 Ft/Lbs (1200 Nm)
Self-centring lock: external	10"-24"
Self-centring lock: internal	12"-26.5"
Tool working span	8"-24"
Maximum tyre diameter	41" (1050mm)
Maximum tyre width	15" (381mm)
Bead breaker force	8000 lbs (3600 kg)
Power supply	400v / 50 Hz (Q version) 230v / 50 Hz (D version)
Air Supply	115-145 psi



### Rotary Wheel Service Equipment

2700 Lanier Drive / Madison, IN 47250, USA

[www.rotarylif.com/Wheel-Service](http://www.rotarylif.com/Wheel-Service)



#### Asia-Pacific Information

##### Sales:

[enquiryasia@vsgdover.com](mailto:enquiryasia@vsgdover.com)

##### Tech. Support:

[technicalsupportasia@vsgdover.com](mailto:technicalsupportasia@vsgdover.com)