HIGH PERFORMANCE TRUE LEVERLESS TIRE CHANGER
REQUIRES NO TIRE TOOL - NO METAL TO METAL CONTACT!

LEVERLESS TIRE CHANGER with VARIABLE SPEED CONTROL
This center locking premium leverless system includes pneumatic help device, wheel lift, and an inflator / bead blaster. The R1150 is driven by a powerful 220 volt motor with true variable speed control.

0-15 RPM INVMOTOR RPM VARIABLE SPEED CONTROL
The electrical motor is equipped with an exclusive inverter, which regulates rotational speed by pressing the foot pedal. Rotational speed slows as the stress on the bead increases avoiding any damage to the tire.

EASY CONTROLS

Quick pedal operated inflation with gauge and balancing valve

Easy to use position roller and up / down controls.

ADJUSTABLE LOCKING
Base can be adjusted to 3 different positions allowing service to wheels from 10” to 30”

Equipped with standard inflator / side bead blaster
EXCLUSIVE AUTO-TOUCH™ FUNCTION

TIRE DEMOUNTING
The tool enters between bead and rim. Levering on the rim, the tool pulls up the bead, minimizing tire stress

TIRE MOUNTING
Safe and easy mounting with plastic tool, roller and rotating helper PLUS33

Handle the most challenging tire and wheel combinations
Great on low profiles, runflats, exotic rims and other specialty jobs. This powerful changer is able to change difficult light truck combinations.

EASY ROLLER FEATURE
The bead-breaking is performed by means of an EASY ROLLER:
• Bead-breaking in correct position
• Easy rotation of the roller
• Automatic side-movement of the roller
• Memorized position for bead breaking of lower side

OPTIONAL REVERSE MOUNT ADAPTERS
VSG1000A87 Universal flange for reverse, and Chrome Clad wheels.
VSG1000A123 Plastic/Chrome Clad adapter for clamping wheels through locking holes

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Handle wheels from*</th>
<th>10&quot;-26&quot; / 12&quot;-28&quot; / 14&quot;-30&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum tire width</td>
<td>15&quot;</td>
</tr>
<tr>
<td>Maximum tire diameter</td>
<td>45&quot;</td>
</tr>
<tr>
<td>Bead breaker power (each arm)</td>
<td>2,645 ft/l lbs</td>
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<tr>
<td>Bead breaker movement</td>
<td>Automatic</td>
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<tr>
<td>Rotation motor</td>
<td>2Hp / 1.5 Kw inverter motor</td>
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<tr>
<td>Recommended air supply</td>
<td>115-145 PSI / 8-10 bar</td>
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<tr>
<td>Power supply**</td>
<td>220v / 10 / 60 Hz</td>
</tr>
</tbody>
</table>

* 3 position base can be adjusted to fit larger wheels up to 30"**SHIPS WITH NEMA 6-30 PLUG
145 SERIES
HIGH PERFORMANCE AUTOMATIC TIRE CHANGERS

Top-of-the-line model with double-acting bead breaker cylinder, designed to work on low-profile and large-sized steel or alloy rims. The pneumatically tilting column ensures peak rigidity to prevent rim damage. Works easily on any wheel up to a maximum width of 17”. Features an extra-wide heavy-duty frame.

DESIGNED FOR LARGE AND WIDE TIRES

Max 45” (1143 mm)
Max 17” (431 mm)

TECHNICAL DATA

<table>
<thead>
<tr>
<th>R145 / R145D</th>
<th>TECHNICAL DATA</th>
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</thead>
<tbody>
<tr>
<td>Chuck rotation speed (rev/min)</td>
<td>0-16 rpm / 7.3 rpm (D version)</td>
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<tr>
<td>Maximum torque to chuck</td>
<td>885 Ft/Lbs (1200 Nm)</td>
</tr>
<tr>
<td>Self-centring lock: external</td>
<td>10” - 26”</td>
</tr>
<tr>
<td>Self-centring lock: internal</td>
<td>12” - 28.5”</td>
</tr>
<tr>
<td>Tool working span</td>
<td>8” - 32”</td>
</tr>
<tr>
<td>Maximum tire diameter</td>
<td>45” (1143 mm)</td>
</tr>
<tr>
<td>Maximum tire width</td>
<td>17” (431 mm)</td>
</tr>
<tr>
<td>Bead breaker cylinder</td>
<td>6,745 Ft/Lbs (3060 kg)</td>
</tr>
<tr>
<td>Power supply (Model 145)</td>
<td>110v / 1Ø / 60 Hz</td>
</tr>
<tr>
<td>Motor</td>
<td>1Hp</td>
</tr>
<tr>
<td>Power supply* (Model 145D)</td>
<td>220v / 1Ø / 60 Hz</td>
</tr>
<tr>
<td>Motor</td>
<td>1 Hp</td>
</tr>
</tbody>
</table>

*SHIPS WITH NEMA LB - 20 PLUG

Adjustable tool guide. Maximum rigidity with 2.4” x 2.4” horizontal shaft.

Designed to protect alloy rims. Standard high adherence clamp with renewable spikes.

OPTIONAL TOOL HEAD

VSG800A126 Plastic tool head with support for tilt back units.

PEDAL ASSEMBLY

Removable pedal unit for easy maintenance.

Double synchronization: perfect load distribution for maximum durability.

Screw caps to prevent hooking of air pipes.
AUTOMATIC TIRE CHANGER with VARIABLE SPEED CONTROL

Exclusive 220v drive motor is equipped with an innovative inverter which regulates rotational speed by pressing foot pedal. Rotational speed slows as the stress on the bead increases avoiding any damage to the tire. Top-of-the-line model with double-acting bead breaker cylinder, designed to work on low-profile and large-sized steel or alloy rims.

1" (25mm) heavy duty piston shaft for maximum reliability.

2 position self centering lock
10” to 26” range

145 SERIES QUICK INFLATION

Quick inflation valve for tubeless tires. Pedal-operated inflation device complete with inlactor valve and pressure gauge.

Filter and lubricator included.

STANDARD ACCESSORIES / TILTBACK AND SWING ARM MODELS

VSG800A26 Blade with adjustment inclination. Allows to break the bead at the correct angle.

VSG800A17 (2 x kit) Tool protection kit.

VSG800A6 (24" - 26") Clamp Protectors (4 pcs)

VSG800A11 Bead breaker blade protection
HIGH PERFORMANCE, HIGH VOLUME, EXTRA-HEIGHT SPEEDCHANGER

High performance swing arm tire changer for the high volume tire center.

Exclusive 110v drive motor provides needed torque for handling today's difficult assemblies. The large and reinforced frame adds greater rigidity to the structure and chucking table. The gear box is installed between two steel plates avoiding flex during operation. The extra height of the vertical post and tool shaft allow operation on tires to a 15" (381mm) maximum tire width.

UPGRADEABLE OPTION

OPTION PLUS91SA HELPER
Bead top pressing and tire lifting device for large and special tires.

LOWER BEAD DEMOUNTING

OPTIONAL MOTORCYCLE WHEEL CLAMPS
VSG800A107
Wheel reducer adapters (.2", .4" from the outside)

OPTIONAL SMALL WHEEL ADAPTER
VSG800A111
Reduces clamping capacity to 8"
For ATVs and lawn equipment tires

TIRE DIMENSIONS

10" - 26"  46" (1170 mm)  15" (381 mm)

STANDARD ACCESSORIES / SEE PAGE 5

TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>R146</th>
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<tbody>
<tr>
<td>External clamping</td>
<td>10&quot; - 26&quot;</td>
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<tr>
<td>Internal clamping</td>
<td>12&quot; - 28.5&quot;</td>
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<tr>
<td>Max. tire diameter</td>
<td>46&quot; (1200 mm)</td>
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<tr>
<td>Max. tire width</td>
<td>15&quot; (380 mm)</td>
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<tr>
<td>Max. bead breaker opening</td>
<td>15&quot; (380 mm)</td>
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<tr>
<td>Bead breaker cylinder power at 145 psi</td>
<td>6,745 Ft/Lb (3060 kg)</td>
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<tr>
<td>Power supply</td>
<td>110v / 10 / 60 Hz</td>
</tr>
</tbody>
</table>
STANDARD SWING ARM CHANGER

TOP QUALITY AT AN ENTRY LEVEL PRICE

Heavy duty swing arm structure guarantees proper working conditions for every job. The exclusive 110v single speed motor provides needed torque and the rigid self-centering chuck with a wide clamping range handles a variety of needs. Equipped with a galvanized, double-operating bead breaker cylinder.

UPGRADEABLE OPTION

OPTION PLUS91N HELPER
Bead top pressing and tire lifting device for large and special tires.

OPTIONAL TOOL HEAD

VSG800A60
Plastic tool head with support for swing arm units.

Tool with integrated protection for alloy rims

22” OUTSIDE CLAMPING
24” INSIDE CLAMPING
TIRE DIAMETERS OF 40.5”

Pedal Assembly
Removable pedal unit for easy maintenance.

TIRE DIMENSIONS

11-22” (279-559mm) 40.5” (1030mm) 12” (305mm)

Optional Motorcycle Wheel Clamps

Optional Small Wheel Adapter
VSG800A111
Reduces clamping capacity to 8” For ATVs and lawn equipment tires
SUPER FAST TRUCK TIRE CHANGER
ONE OF A KIND PATENTED CHANGER

The patented operating system of the R501N tire changer is one of a kind. With this distinctive design, the changer is equipped with four rollers positioned on both sides of the wheel in diametrically opposite positions.

With this system, the dismounting of the tire is a simple operation: while the front bead breakers keep the bead in the drop center, the rear breakers continue their course until the dismounting is complete.

HYDRAULIC CONTROLS
Controls function from an ergonomic console.

ADJUSTABLE ARM POSITION

HYDRAULIC CLAMPING
Hydraulic chucking table
Suitable for agricultural tires (4x108A24)

VSG108A2
Protects aluminum wheels
STANDARD

DISMOUNT and MOUNT a TRUCK TIRE IN 30 SECONDS!

COMPACT DESIGN
TRUCK TIRES
BUS TIRES
SUPER SINGLE

STAND-BY FUNCTION
The “STAND-BY” function means no noise when the machine is not operating.
STANDARD LEVER
Patented VSG108A3 bead lever.

SPEED MOUNTING

SAFE PLASTIC ROLLERS
Plastic bead breakers prevent damage to the rim
The bead breakers are supported by two separately
controlled arms. Each arm has two rollers, one conical
which pushes on the bead, one cylindrical which
pushes the side of the tire.

QUICK LOADING

HYDRAULIC UP / DOWN MOVEMENT
Designed to clamp a variety of wheels, the chucking
unit is able to move clockwise, counter-clockwise,
and up and down.

OPTIONAL ACCESSORIES

VSG80A6
Aluminum rim clamp

VSG108A24
Disc for wheels with lock
ring and agricultural wheels

TIRE DIMENSIONS

11” - 27”

52” (1320mm)

21” (540mm)

TECHNICAL DATA

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<thead>
<tr>
<th>Parameter</th>
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<tr>
<td>Chucking unit rotation motor</td>
<td>2.7 Hp / 2 kW</td>
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<tr>
<td>Hydraulic drive unit motor</td>
<td>1 Hp / 1.5 kW</td>
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<tr>
<td>Maximum tire diameter</td>
<td>52” (1320mm)</td>
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<tr>
<td>Max. tire width</td>
<td>21” (540mm)</td>
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<td>Bead breaker power</td>
<td>13,300 Ft/lbs / 18000 N</td>
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<tr>
<td>Maximum assembly weight</td>
<td>2,645 lbs / 1200 kg</td>
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<td>Chuck rotation speed (rev/min)</td>
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<td>Max. torque to chuck</td>
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<tr>
<td>Power supply</td>
<td>220v / 30 / 60 Hz</td>
<td></td>
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</tbody>
</table>
TIRE CHANGER FOR ROADSIDE AND WORKSHOP SERVICE

EASY TO USE CHANGER
Suitable for closed vans or small workshops.

Controls are protected on changer console and the hydraulic clamping and chucking table are suitable for agricultural tires. Center locking feature - single central docking with ring nut.

EASY SETTING

HYDRAULIC CLAMPING
Hydraulic chucking table
Suitable for agricultural tires

HYDRAULIC UP / DOWN MOVEMENT

STANDARD
VSG108A2
Protects aluminum wheels (4 x kit)

STANDARD
Aluminum protectors for tube tires

STANDARD ROLLER for tubeless tires

TIRE DIMENSIONS

11” - 27”
51” (1300mm)
37.4” (950mm)

TECHNICAL DATA

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<td>Chucking unit rotation motor</td>
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<td>Rim diameter</td>
<td>11” - 27”</td>
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<tr>
<td>Maximum tire diameter</td>
<td>51” (1300mm)</td>
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<td>Max. tire width</td>
<td>37.4” (950mm)</td>
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<td>Bead breaker power</td>
<td>3,597 Ft/Lbs / 16000 N</td>
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<td>Maximum assembly weight</td>
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<td>Chuck rotation speed (rev/min)</td>
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<td>Max. torque to chuck</td>
<td>1253 Ft/Lb (1700 Nm)</td>
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<td>Power supply</td>
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</table>

OPTIONAL ACCESSORIES

VSG90A6
ALU RIM CLAMP

VSG108A22
DISC FOR WHEELS WITH LOCK RING
SUPER DUTY TIRE CHANGER
SERVICE A WIDE RANGE OF WHEELS

The operating dimensions of the clamping unit and of the head-tool carriage allows operation on a wide range of wheels, including super-single. The controls, with lever type hydraulic distributors, enable user to regulate the speed of the tool holding carriage.

TIRE DIMENSIONS

11" - 27"
64" (1640mm)
36.4" (925mm)

Rotational control on portable wired stand

4" MINIMUM CLAMPING
(90 mm)
3.5" (Ø90mm)
14.5" MINIMUM HEIGHT (370mm)

CABLE CONTROL UNIT

1 WHEEL UP
WHEEL DOWN
CARRIAGE MOVEMENT

2 CLAMPS OPEN
CLAMPS CLOSED

3 ROTATION CLOCKWISE

4 ROTATION ANTI-CLOCKWISE

QUICK MANUAL ROTATION

Manual tool rotation with quick unlocking device is standard.

OPTIONAL ACCESSORIES

VSG90A6 Clamp for alloy wheels
VSG108A25 Clamp for steel wheels

TECHNICAL DATA

<table>
<thead>
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<td>Chucking unit rotation motor</td>
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<tr>
<td>Hydraulic drive unit motor</td>
<td>1 Hp / .75 kW</td>
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<tr>
<td>Rim diameter</td>
<td>11&quot; - 27&quot;</td>
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<tr>
<td>Maximum tire diameter</td>
<td>64&quot; (1640mm)</td>
</tr>
<tr>
<td>Maximum tire width</td>
<td>35.4&quot; (925mm)</td>
</tr>
<tr>
<td>Chuck rotation speed (rev/min)</td>
<td>8</td>
</tr>
<tr>
<td>Power supply</td>
<td>220v / 3Ø / 60 Hz</td>
</tr>
</tbody>
</table>
The name you’ve come to trust for lifting vehicles worldwide now offers the best wheel service equipment for your shop.

Rotary didn’t invent the wheel, but we sure know how to service it. Our line of wheel service equipment offers cutting-edge technology, productivity and safety features that every shop is looking for.

Providing the best service is about more than just know-how. It’s about having the right equipment for the job. The go-to choice for shops of all sizes, Rotary’s line of premium equipment is manufactured to the highest standards of quality and durability to help you perform the job right the first time, every time.

Offer your customers top quality tire and wheel service by putting Rotary to work for you.

Rotary
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Madison, IN 47250, USA

For additional world wide contact information and a complete guide to our product offering, visit us on the web at rotarylift.com.

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Assistance for Government Purchasing
Rotary Lift offers assistance to help you make informed decisions when it comes to purchasing equipment.

For additional information and the statutes that pertain to your area, contact our Government Sales Leader at 800.445.5438 X9555 or visit us on the web at rotarylift.com/Government-Purchasing-Assistance/.

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NASPO ValuePoint
Contract No. 085116