All Rotary Wheel Service Equipment now carries an industry-leading 3 year warranty.

TIRE CHANGERS
ROTARY WHEEL SERVICE EQUIPMENT

ALIGN TRUCKS
BALANCE
PRODUCTIVE

FASTER
Trusted
HEAVY DUTY
Passenger

LEADER
QUALITY
CHANGE
ACCURATE

BEST TECHS
Dependable
Durable
Versatile
Patented

Simple
INSPECT
EFFICIENT
Analyze
Easier
TECHNOLOGY
Innovative

CARS
WHEELHOUSE
VERSATILE
COMMERCIAL
R1150 LEVERLESS
LEVERLESS CHANGER WITH SPEED CONTROL

No-lever action, hub mounting changer requires no tire tools and no metal to metal contact.

Service the most challenging tire and wheel combinations - low profiles, runflats, exotic rims and other specialty jobs.

Change difficult light truck combinations such as 17.5” and 19.5” super duty wheels using optional centering adapter VSG1000A152.

Simple to operate, simple to maintain using 2 button EASY CONTROLS.

FEATURES
- Quick locking wheel centering adapter
- Locking system suitable for reverse rims
- Full range of bead clamps and adapters

EASY ROLLER BEAD-BREAKING FEATURE
- Bead-breaking in correct position
- Easy rotation of the roller
- Automatic roller side-movement
- Memorized position for bead breaking of lower side

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 PLUS93

EQUIPPED WITH
- Standard inflater / side bead blaster
- Double cone
- Tire paste lubricant and brush

TECHNICAL DATA R1150

<table>
<thead>
<tr>
<th>Handle wheels from*</th>
<th>10&quot;-28&quot;/12&quot;-28&quot;/14&quot;-30&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum tire width</td>
<td>15”</td>
</tr>
<tr>
<td>Maximum tire diameter</td>
<td>45”</td>
</tr>
<tr>
<td>Bead breaker power (each arm)</td>
<td>2,645 Ft/L lbs</td>
</tr>
<tr>
<td>Bead breaker movement</td>
<td>Automatic</td>
</tr>
<tr>
<td>Rotation motor</td>
<td>2Hp / 1.5 Kw invertermotor</td>
</tr>
<tr>
<td>Recommended air supply</td>
<td>115-145 PSI / 8-10 bar</td>
</tr>
<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 L6 - 20 PLUG

OPTIONAL ACCESSORIES

<table>
<thead>
<tr>
<th>VSG1000A158</th>
<th>Universal flange for reverse, and Chrome Clad wheels</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSG1000A152</td>
<td>Light truck adapter for centering locking tire changer - 19.5” wheels</td>
</tr>
<tr>
<td>VSG1000A102</td>
<td>5 stud kit 110mm long for reverse rims. Used on VSG1000A87</td>
</tr>
<tr>
<td>VSG1000A135</td>
<td>Bead breaker</td>
</tr>
<tr>
<td>VSG1000A86</td>
<td>Reposition-able mirror</td>
</tr>
</tbody>
</table>

Pedal operated inflation with gauge and balancing valve.

SCAN CODE FOR PRODUCT VIDEO
**R247D.CL CENTER LOCKING**

**HIGH VOLUME SWING ARM CHANGER**

Easy to use center post mounting design increases productivity and reduces the risk of wheel damage. Comes standard with metal and plastic mounting and demounting heads.

The double-acting bead breaker cylinder is designed to work on low-profile and large steel or alloy rims.

**VARIABLE SPEED CONTROL INVERTER**

Avoid any tire damage by slowing rotational speed as the stress on the bead increases.

**FEATURES**

- Quick locking wheel centering system
- Integrated wheel lift
- Lower bead lifting roller
- Pneumatic top bead pressing tool
- Hand controlled side bead breaker
- Powerful 220v drive motor
- Storage cabinet
- Tire paste lubricant and brush

**OPTIONAL ACCESSORIES**

- VSG1000A158 Universal flange for reverse, and Chrome clad wheels
- VSG1000A102 5 stud kit 110mm long for reverse rims. Used with VSG1000A87
- VSG1000A152 Light truck adapter for centering locking tire changer - 19.5" wheels
- VSG1000A11 Bead tire lever
- VSG1000A18 Bead pushing roller

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**R145DR AUTOMATIC TILTBACK CHANGER**

High performance, top-of-the-range tire changers model with double-acting bead breaker cylinder.

Designed for low-profile and large-sized steel or alloy rims. Works easily on any wheel up to a maximum width of 17".

**FEATURES**

- 2 position centering lock / 10”-26” range
- Hand controlled bead breaker
- Double synchronization for load distribution
- Adjustable tool guide for alloy rim protection
- Bolt caps to prevent hooking of air hoses
- Integrated helper arm included
- Lower bead lifting roller
- Pneumatic top bead pressing tool
- Filter / Tire paste lubricant and brush

**Invemotor 0-16 Variable Speed Control Feature**

Designed with an innovative electrical motor inverter, techs are able to regulate the chucking table rotation speed to reduce the stress on the bead to avoid any damage to the tire. 220V drive motor.

**STANDARD ACCESSORIES**

- VSG800A117 (2 x kit) Tool protection kit for metal mount / demount head
- VSG800A6 (24” - 26”) Clamp Protectors (4 pcs)
- VSG800A26 Blade with adjustment inclination. Allows to break the bead at the correct angle. 145D Model.

**OPTIONAL ACCESSORIES**

- VSG800A107 Fast Fit Motorcycle Adapters + 5” from outside
- 2 position centering lock / 10”-26” range

**SMALL WHEEL ADAPTER VSG800A111**

Reduces clamping capacity to 8" for ATVs and lawn equipment tires.

- requires VSG800A107 wheel clamps
**R146R SUPER SWINGARM PRO MAX**

**HIGH PERFORMANCE / EXTRA-HEIGHT SPEEDCHANGER**

The hand controlled R146R SUPER includes an air-driven PLUS91SA HELPER ARM. This bead top pressing and tire lifting device for large and special tires features a lower bead lifting roller and pneumatic top bead pressing tool.

**NOTE: PLUS91SA IS NOT INSTALLED PRIOR TO DELIVERY**

**FEATURES**
- Hand controlled, double-acting bead breaker
- Extra large 46” frame
- 110v drive motor supplies needed torque
- Air tank located in column
- Gear box is supported by steel plates to avoid flex
- Removable pedal assembly for easy maintenance
- Valve tray
- Tire paste lubricant and brush

**STANDARD R146R SUPER ACCESSORIES**

BEAD PUSHING ROLLER VSG800A59
For PLASTIC mount / demount head

BEAD PUSHING ROLLER VSG800A18
For METAL mount / demount head

STORAGE TRAY VSG800A77
Column mounted

**TECHNICAL DATA R146 SERIES SWINGARM MODELS**

**R146R** Base Model / Electric Motor

**R146RA** Base Model / Air Motor

**R146RP** Base Model / Electric Motor with Helper Arm

**R146RAP** Base Model / Air Motor with Helper Arm

**R146RAPS** Base Model / Air Motor with Helper Arm with additional super accessories package

**OPTIONAL ACCESSORIES**

VSG800A107 Fast Fit Motorcycle Adapters
+ 5” from outside

SMALL WHEEL ADAPTER VSG800A111KIT
Reduces clamping capacity to 8” for ATVs and lawn equipment tires.
- requires VSG800A107 wheel clamps

**FEATURES**
- Hand controlled, double-acting bead breaker
- Extra large 46” frame
- 110v drive motor supplies needed torque
- Air tank located in column
- Gear box is supported by steel plates to avoid flex
- Removable pedal assembly for easy maintenance
- Valve tray
- Tire paste lubricant and brush

**STANDARD R146 SERIES ACCESSORIES**

PLASTIC TOOL HEAD
VSG800A60 Tool head with support

VSG800A17 Tool protection kit for metal mount / demount head (2 x kit)

VSG800A6 Clamp Protectors / 24” - 26” (4 pcs)

VSG800A11 Bead breaker protection / Qty. of 1
VSG800A11K / Qty. of 5

WHEEL LIFT ATTACHMENT
VSG800A69
Works with PLUS91SA helper arm to safely lift tire and wheel assemblies
R140i SWINGARM SHOP
TOP QUALITY / ENTRY LEVEL PRICE

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

FEATURES
• Tire Diameters of 40”
• 22” Outside Clamping
• 24” Inside Clamping
• Removable pedal assembly for easy maintenance
• Tire paste lubricant and brush

OPTIONAL UPGRADE PLUS91N HELPER ARM
Bead top pressing and tire lifting device for large and special tires.

HEAVY DUTY CHANGERS
R501PLUS SPEEDCHANGER HD
SUPER FAST TIRE CHANGER

Dismount and mount a truck tire in 30 seconds with 4 roller system

Simple tire dismounting: front bead-breakers keep the bead in the drop center while rear breakers continue their course until dismounting is complete.

Four roller system positioned on both sides of the wheel in opposite positions are supported by two separately controlled arms and each has two rollers - one conical which pushes on the bead and one cylindrical which pushes the side of the tire.

FEATURES
• Adjustable arm position
• Quick loading
• Hydraulic clamping / chucking table
• Stand-by function - no noise when not in operation
• Hydraulic controls
• Tire paste lubricant and brush

TECHNICAL DATA R501PLUS

| External clamping | 11” - 22” |
| Internal clamping | 13” - 24.5” |
| Max. tire diameter | 40.5” (1030 mm) |
| Max. tire width | 12” (305 mm) |
| Max. bead breaker opening | 15” (380 mm) |
| Bead breaker force | 6,745 Ft/L lbs (3060 kg) |
| Rotation speed | 7.3 rpm |
| Max. torque turntable | 885 Ft/L lbs (1200 Nm) |
| Power supply | 110v / 1Ø / 60 Hz |

OPTIONAL ACCESSORIES

Motorcycle Wheel Clamps VSG800A99
+ 5” from the outside for 20” - 22” tables

VSG800A111 SMALL WHEEL ADAPTER
Reduces clamping capacity to 8” for ATVs and lawn equipment tires. Use with rim clamp tire changers only - requires VSG800A99 wheel clamps.

R140i Series services:

TECHNICAL DATA R140i

| External clamping | 11” - 22” |
| Internal clamping | 13” - 24.5” |
| Max. tire diameter | 40.5” (1030 mm) |
| Max. tire width | 12” (305 mm) |
| Max. bead breaker opening | 15” (380 mm) |
| Bead breaker force | 6,745 Ft/L lbs (3060 kg) |
| Rotation speed | 7.3 rpm |
| Max. torque turntable | 885 Ft/L lbs (1200 Nm) |
| Power supply | 110v / 1Ø / 60 Hz |

Optional equipment may be required

VSG108A6 Aluminum rim clamp

VSG108A22 Disc for wheels with lock ring

VSG108A2 Aluminum disc for wheels / 4x kit

VSG108A3 Tire Lever
**R560 MOBILE HD**

**WORKSHOP SERVICE**

**Easy to use changer.**

This easy-to-use changer is designed for closed vans or small workshops. Controls are protected on changer console and the hydraulic clamping and chucking table are suitable for agricultural tires with optional VSG108A22 wheel disc.

**FEATURES**

- Hydraulic clamping / chucking table
- Hydraulic up / down movement
- 4" minimum clamping - 13" minimum height
- Tire paste lubricant and brush

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>R560</th>
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<tbody>
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<td>Chucking unit rotation motor</td>
<td>1.5 Hp / 1.1 kW</td>
</tr>
<tr>
<td>Hydraulic drive unit motor</td>
<td>2.7 Hp / 2 kW</td>
</tr>
<tr>
<td>Rim diameter</td>
<td>11&quot; - 27&quot;</td>
</tr>
<tr>
<td>Maximum tire diameter</td>
<td>51&quot; (1300mm)</td>
</tr>
<tr>
<td>Max. tire width</td>
<td>37.4&quot; (950mm)</td>
</tr>
<tr>
<td>Bead breaker power</td>
<td>3,597 Ft/lbs / 16000 N</td>
</tr>
<tr>
<td>Maximum assembly weight</td>
<td>2,949 lbs (1300 kg)</td>
</tr>
<tr>
<td>Chuck rotation speed</td>
<td>8 rev/min</td>
</tr>
<tr>
<td>Max. torque to chuck</td>
<td>1250 Ft/lbs (1700 Nm)</td>
</tr>
<tr>
<td>Power supply*</td>
<td>220v / 1Ø / 60 Hz</td>
</tr>
</tbody>
</table>

**R511 COMMERCIAL HD**

**SUPER DUTY CHANGER**

**SERVICE TRUCK, BUS, SUPER SINGLE, AGRICULTURAL and LOCK RING**

The operating dimensions of the clamping unit and the head-tool carriage of this changer allows it to service a wide range of wheels. The controls enable users to regulate the speed of the tool holding carriage with lever type hydraulic distributions.

**FEATURES**

- Rotational control on portable wired stand
- Cable control unit
- Quick locking manual rotation tool
- Patented VSG108A3 bead lever
- Tire paste lubricant and brush

**R511 services:**

Optional equipment may be required

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>R511</th>
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</thead>
<tbody>
<tr>
<td>Chucking unit rotation motor</td>
<td>3 Hp / 2.2 kW</td>
</tr>
<tr>
<td>Hydraulic drive unit motor</td>
<td>1 Hp / 7.5 kW</td>
</tr>
<tr>
<td>Rim diameter</td>
<td>11&quot; - 27&quot;</td>
</tr>
<tr>
<td>Maximum tire diameter</td>
<td>64&quot; (1640mm)</td>
</tr>
<tr>
<td>Maximum tire width</td>
<td>36.4&quot; (925mm)</td>
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<tr>
<td>Chuck rotation speed</td>
<td>8 rev/min</td>
</tr>
<tr>
<td>Power supply*</td>
<td>220v / 1Ø / 60 Hz</td>
</tr>
</tbody>
</table>

**OPTIONAL ACCESSORIES**

- VSG90A6 Aluminum rim clamp
- VSG108A22 Disc for wheels with lock ring
- STANDARD BEAD LEVER VSG108A3 Tire Lever
- STANDARD ROLLER for tubeless tires
- STANDARD CLAMP PROTECTOR VSG108A2 Protects aluminum wheels / 4 x kit
R541 COMMERCIAL HD
SINGLE CARRIAGE MOVEMENT
ELECTRO-HYDRAULIC CHANGER FOR TRUCKS, AGRICULTURAL AND EARTHMOVING VEHICLES

The two-speed rotation chucking table can accommodate rims up to 44” and up to 56” with VSG108A12 extensions set.

R573 EXTREME HD
SPECIAL ORDER TIRE CHANGER FOR EXTREME WHEEL DIMENSIONS
ELECTRO-HYDRAULIC CHANGER FOR TRUCKS, AGRICULTURAL AND EARTHMOVING VEHICLES

HIGH BEAD BREAKING FORCE
Easy tire mounting and demounting

MULTIPLE ADJUSTABLE GUIDES
Control rotation to avoid tire damage

STAND-BY FUNCTION
After 5 seconds the motor will turn off if not in use

FEATURES
• Console cable control unit with metal sheath
• Double speed table rotation
• Quick locking manual rotation tool
• VSB530800 long bead lifting lever
• VSG108A25 clamp for earthmoving wheels
• Tire paste lubricant and brush

HYDRAULIC CLAMPING
4” (90mm) min. clamping
13” (330mm) min. height
Service 19” and 22.5” truck wheels

Oversized chucking dimension allows reach to 50” wheels without extensions. Access wheels from 51” to 60” with optional VSG108A39 adapter extensions kit.

R573BT Cordless Controls
Communicates via Bluetooth® transmission
SPECIAL ORDER ONLY / Contact factory for details

TECHNICAL DATA R573

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Chucking unit rotation motor</td>
<td>3.50 Hp / 2.5 kW</td>
</tr>
<tr>
<td>Hydraulic drive unit motor</td>
<td>3.50 Hp / 2.5 kW</td>
</tr>
<tr>
<td>Rim diameter</td>
<td>11” - 60”</td>
</tr>
<tr>
<td>With VSG108A39 adapters</td>
<td>51” - 80”</td>
</tr>
<tr>
<td>Maximum tire diameter</td>
<td>106” (2700mm)</td>
</tr>
<tr>
<td>Maximum tire width</td>
<td>51” (1300mm)</td>
</tr>
<tr>
<td>Chuck rotation speed (rev/min)</td>
<td>1 - 5 - 10</td>
</tr>
<tr>
<td>Power supply</td>
<td>220v / 3Ø / 60 Hz</td>
</tr>
</tbody>
</table>

Optional equipment may be required
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 Wheel Service Equipment
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