

Rotary®



TIRE CHANGERS

ROTARY WHEEL SERVICE EQUIPMENT



www.rotarywheelservice.com

R1200 LEVERLESS PRO

PREMIUM CENTER LOCKING CHANGER

AUTOMATIC LEVERLESS TIRE CHANGER WITH SYNCHRONIZED DUAL BEAD BREAKING ROLLERS

HUB MOUNTED, DUAL ROLLER SYSTEM REQUIRES NO TOOLS

There's no metal-to-metal contact with patented leverless mount / demount tool. Demount and mount the most challenging tire and wheel combinations.

0-15 RPM VARIABLE SPEED TURNTABLE MOTOR

Exclusive inverter regulates rotational speed and slows as the stress on the bead increases, avoiding any damage to the tire.

STANDARD with THE R1200

- Integrated pneumatic wheel lift
- 3-position pedestal with self-locking plate - handle wheels with a 10" to 30" diameter
- Quick-lock rim clamping device with guard
- Easy to use 2-button controls
- Centering adapter / double conic
- Rubber turntable guard
- Pin protectors for centering pulling unit
- Power-assisted press arm seats bead to rim
- Foot pedal controls for inflation, rotation and wheel lift
- Inflation station
- Storage cabinet
- Tire paste lubricant and brush

OPTIONAL ACCESSORIES

VSG1000A158

Universal flange for reverse, and Chrome Clad wheels

VSG1000A152

Light truck adapter for centering locking tire changer - 19.5" wheels

VSG1000A102

5 stud kit 110mm long for reverse rims. Used on VSG1000A87

VSG1000A86

Re-positionable side mirror



EASY TIRE MOUNTING
with plastic tool, dual rollers and power-assisted top bead press arm.



SCAN CODE FOR
PRODUCT VIDEO



DUAL BEAD-BREAKING ROLLERS
Accurate and easy positioning and operation of both rollers and mount / demount tool.

R1200 LEVERLESS PRO services:



Optional equipment may be required

TECHNICAL DATA	R1200
Handle wheels from*	10"-26" / 12"-28" / 14"-30"
Maximum wheel width	19"
Maximum wheel diameter	45"
Bead breaker power (each arm)	2,645 Ft/L lbs
Bead breaker movement	Automatic / Manual indent
Rotation motor	2Hp / 1.5 Kw inverter
Recommended air supply	115-145 PSI / 8-10 bar
Power supply	220v / 1Ø / 60 Hz

* 3-position base can be adjusted to fit larger wheels up to 30"

R1150 LEVERLESS

LEVERLESS, HUB MOUNTING CHANGER REQUIRES NO TIRE TOOL

Service the most challenging tire and wheel combinations - low profiles, runflats, exotic rims and other specialty jobs. No metal to metal contact with leverless mount / demount tool.

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

0-15 RPM VARIABLE SPEED TURNTABLE MOTOR

Exclusive inverter regulates rotational speed and slows as the stress on the bead increases, avoiding any damage to the tire.

STANDARD with THE R1150

- Quick locking wheel centering adapter
- Locking system suitable for reverse rims
- Easy to 2-button controls for roller position
- Integrated pneumatic wheel lift
- Pedal operated inflation with side bead blaster
- Full range of bead clamps and adapters
- Double cone
- Tire paste lubricant and brush

OPTIONAL ACCESSORIES

VSG1000A158

Universal flange for reverse, and Chrome Clad wheels

VSG1000A152

Light truck adapter for centering locking tire changer - 19.5" wheels

VSG1000A102

5 stud kit 110mm long for reverse rims. Used on VSG1000A87

VSG1000A118

Match mounting roller

VSG1000A135

Bead breaker

VSG1000A86

Reposition-able mirror



EASY TIRE MOUNTING
with plastic tool, roller and rotating helper arm.



EASY ROLLER BEAD-BREAKING FEATURE

Automatic roller side-movement with memorized position for bead breaking lower side of tire.



SCAN CODE FOR
PRODUCT VIDEO

R1150 LEVERLESS services:



Optional equipment may be required

TECHNICAL DATA	R1150
Handle wheels from*	10"-26" / 12"-28" / 14"-30"
Maximum tire width	15"
Maximum tire diameter	45"
Bead breaker power (each arm)	2,645 Ft/L lbs
Bead breaker movement	Automatic
Rotation motor	2Hp / 1.5 Kw inverter
Recommended air supply	115-145 PSI / 8-10 bar
Power supply**	220v / 1Ø / 60 Hz

* 3-position base can be adjusted to fit larger wheels up to 30"

**SHIPS WITH NEMA L6 - 20 PLUG

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

VSG1000A152

Light truck adapter for centering locking tire changer - 19.5" wheels

VSG1000A102

5 stud kit 110mm long for reverse rims. Used with VSG1000A87

VSG1000A11

Bead tire lever

VSG1000A18

Bead pushing roller

STANDARD PLASTIC TOOL HEAD

VSG800A60

Tool with support



INTEGRATED WHEEL LIFT

R247D.CL services:



Optional equipment may be required

TECHNICAL DATA	R247D.CL
Rim clamping	10"-30"
Maximum rim width	15"
Maximum tire diameter	47"
Max. bead breaker opening	15"
Bead breaker cylinder power at 145 psi	6,745 LBS
Rotation motor	2Hp / 1.5 Kw inverter
Recommended air supply	115-145 PSI / 8-10 bar
Power supply*	220v / 10 / 60 Hz VARIABLE SPEED

*SHIPS WITH NEMA L6 - 20 PLUG

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

Invertor 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.

VSG800A11 Qty. of 1

Bead breaker protection

VSG800A11K Qty. of 5

OPTIONAL ACCESSORIES

VSG800A107 Fast Fit Motorcycle Adapters
+ 5" from outside

SMALL WHEEL ADAPTER VSG800A111

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



STANDARD PLASTIC TOOL HEAD

VSG800A126

Tool with support



TILTBACK CHANGER with helper arm

R145DR services:



Optional equipment may be required

TECHNICAL DATA	R145 / R145DR
Chuck rotation speed (rev/min)	0-16 rpm / 7.3 rpm (D version) 7.3 rpm (110v version)
Maximum torque to chuck	885 Ft/Lbs (1200 Nm)
Self-centering lock: external	10" - 26"
Self-centering lock: internal	12" - 28.5"
Tool working span	8" - 32"
Maximum tire diameter	45" (1143mm)
Maximum tire width	17" (431mm)
Bead breaker cylinder power at 145 psi	6,745 Ft/Lbs (3060 kg)
Power supply* (Model 145DR) Motor	220v / 10 / 60 Hz / 1 Hp

*SHIPS WITH NEMA L6 - 20 PLUG



SCAN CODE FOR
PRODUCT VIDEO

R146RP SUPER SWINGARM PRO MAX

HIGH PERFORMANCE / EXTRA-HEIGHT SPEEDCHANGER

The hand controlled R146RP 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



SHOWN:
PLUS91SA HELPER ARM



Demounting lower bead

WHEEL LIFT ATTACHMENT VSG800A69

Works with PLUS91SA helper arm to safely lift tire and wheel assemblies



STANDARD R146R SERIES ACCESSORIES

PLASTIC TOOL HEAD VSG800A60 Tool head with support

VSG800A117 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

OPTIONAL ACCESSORIES

VSG800A107 Motorcycle Adapters
+ 5" from outside



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



SHOWN:
R146RPS

ADDITIONAL 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



SCAN CODE FOR
R146 PRODUCT
VIDEO

R146R Series services:



Optional equipment may be required

TECHNICAL DATA	R146 SERIES
External clamping	10" - 26"
Maximum torque to chuck	885 Ft/Lbs (1200 Nm)
Internal clamping	12" - 28.5"
Max. tire diameter	45" (1143 mm)
Max. tire width	15" (380 mm)
Max. bead breaker opening	15" (380 mm)
Bead breaker cylinder power at 145 psi	6,745 Ft/Lbs (3060 kg)
Power supply	110v / 1Ø / 60 Hz

SHOWN:
R146R

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.



STANDARD PLASTIC TOOL HEAD

VSG800A60

Tool head with support



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:



Optional equipment may be required

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/Lbs (3060 kg)
Rotation speed	7.3 rpm
Max. torque turntable	885 Ft/Lbs (1200 Nm)
Power supply	110v / 1Ø / 60 Hz

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



STANDARD CLAMP PROTECTOR

VSG108A2

Protects aluminum wheels / 4x kit



VSG108A3 Tire Lever

OPTIONAL ACCESSORIES



VSG90A6

Aluminum rim clamp



VSG108A22

Disc for wheels with lock ring



HYDRAULIC CLAMPING

4" (90mm)
Min. clamping
13" (330mm)
Min. height



SERVICE TIRE DIAMETERS UP TO 52"



SCAN CODE FOR PRODUCT VIDEO

R501 PLUS services:



Optional equipment may be required

TECHNICAL DATA	R501PLUS
Chuck unit rotation motor	2.7 Hp / 2 kW
Hydraulic drive unit motor	1 Hp / 1.5 kW
Maximum tire diameter	52" (1320mm)
Max. tire width	21" (540mm)
Bead breaker power	13,300 Ft/Lbs / 18000 N
Maximum assembly weight	2,645 lbs / 1200 kg
Chuck rotation speed (rev/min)	8
Max. torque to chuck	585 Ft/Lbs / 2600 Nm
Power supply	220v / 3Ø / 60 Hz

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.



STANDARD ROLLER for tubeless tires



**SERVICE
TIRE DIAMETERS
UP TO 51"**

R560 services:



Optional equipment may be required

FEATURES

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



**STANDARD
CLAMP PROTECTOR
VSG108A2**
Protects aluminum
wheels / 4x kit



**STANDARD BEAD LEVER
VSG108A3** Tire Lever



SCAN CODE FOR
PRODUCT VIDEO

TECHNICAL DATA	R560
Chucking unit rotation motor	1.5 Hp / 1.1 kW
Hydraulic drive unit motor	2.7 Hp / 2 kW
Rim diameter	11" - 27"
Maximum tire diameter	51" (1300mm)
Max. tire width	37.4" (950mm)
Bead breaker power	3,597 Ft/Lbs / 16000 N
Maximum assembly weight	2,645 lbs (1200 kg)
Chuck rotation speed (rev/min)	8
Max. torque to chuck	1253 Ft/Lbs (1700 Nm)
Power supply*	220v / 10 / 60 Hz

OPTIONAL ACCESSORIES



VSG90A6
Aluminum rim
clamp



VSG108A22
Disc for wheels
with lock ring

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	R511
Chucking unit rotation motor	3 Hp / 2.2 kW
Hydraulic drive unit motor	1 Hp / .75 kW
Rim diameter	11" - 27"
Maximum tire diameter	64" (1640mm)
Maximum tire width	36.4" (925mm)
Chuck rotation speed (rev/min)	8
Power supply*	220v / 10 / 60 Hz



HYDRAULIC CLAMPING
4" (90mm) Min. clamping
13" (330mm) Min. height



SERVICE TIRE DIAMETERS UP TO 64"



**QUICK MANUAL
ROTATION**



VSG108A2
Standard clamp
protections for
alloy rims / 4 x kit



**STANDARD BEAD LEVER
VSG108A3** Tire Lever

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.



SERVICE TUBE and TUBELESS TIRES



SERVICE TIRE DIAMETERS UP TO 90"



HYDRAULIC ARM MOVEMENT

FEATURES

- Double ratcheting locking arm
- Rotational control on portable stand
- Tire paste lubricant and brush



VSG108A2
Standard clamp
protections for
alloy rims / 4 x kit



VSG108A3 Tire Lever

R541 services:



Optional equipment may be required

TECHNICAL DATA	R541
Chucking unit rotation motor	1.75 Hp / 1-1.3 kW
Hydraulic drive unit motor	2.95 Hp / 2.2 kW
Rim diameter	11" - 43"
With VSGA108A12 adapters	44" - 56"
Maximum tire diameter	90.5" (2300mm)
Maximum tire width	51" (1300mm)
Chuck rotation speed (rev/min)	4-8
Power supply	220v / 3Ø / 60 Hz

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

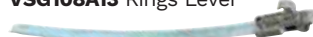
- Console cable control unit with metal sheath
- Double speed table rotation
- Quick locking manual rotation tool
- VSB530800 long bead lifting lever
- VSG108A25 clamp for earthmoving wheels
- Tire paste lubricant and brush



VSG108A2
Standard clamp
protections for
alloy rims / 4 x kit

OPTIONAL ACCESSORIES

VSG108A13 Rings Lever



VSG108A3 Tire Lever



SERVICE TIRE DIAMETERS UP TO 106"

HYDRAULIC CLAMPING

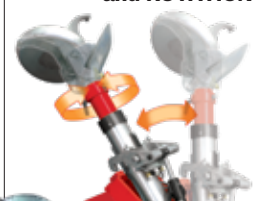
4" (90mm) min. clamping
13" (330mm) min. height
Service 19" and 22.5" truck wheels

Oversized chucking dimension

allows reach to 50" wheels without extensions. Access wheels from 51" to 60" with optional VSG108A39 adapter extensions kit.



AUTOMATIC LIFTING and ROTATION



Portable, rotational control stand

R573 services:



Optional equipment may be required

TECHNICAL DATA	R573
Chucking unit rotation motor	2.95 Hp / 2.2 kW
Hydraulic drive unit motor	3.35 Hp / 2.5 kW
Rim diameter	11" - 50"
With VSGA108A39 adapters	51" - 60"
Maximum tire diameter	106" (2700mm)
Maximum tire width	69" (1750mm)
Chuck rotation speed (rev/min)	1-5 - 10
Power supply	220v / 3Ø / 60 Hz

R573BT Cordless Controls

Communicates via Bluetooth® transmission

SPECIAL ORDER ONLY / Contact factory for details

OPTIONAL COMMERCIAL HD TIRE CHANGER ACCESSORIES

VSG90A6 Clamp for alloy wheels

VSG108A25 Clamp for steel wheels

VSB5308000 Long bead lifting lever

VSG108A34 Pneumatic bead pushing device



**TIRE
CHANGERS**

**WHEEL
BALANCERS**



**ALIGNMENT
RUNWAY LIFTS**

**ALIGNMENT
SYSTEMS**



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

See website for details.