



ROTARY
WHEEL SERVICE EQUIPMENT



TIRE CHANGERS



1150 **LEVERLESS**

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



SCAN CODE FOR
PRODUCT VIDEO

**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 INVERTOR
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.



R1150

**Equipped with
standard inflator /
side bead blaster**

ADJUSTABLE LOCKING

Base can be adjusted to 3 different positions allowing service to wheels from 10" to 30"



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 PLUS93

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

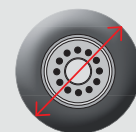
STANDARD PNEUMATIC WHEEL LIFT



TIRE DIMENSIONS



10" - 30"



45" (1143mm)



15" (381mm)

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 motor
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

145 TILTBACK



SCAN CODE FOR
PRODUCT VIDEO

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

R145 / R145D

Chuck rotation speed (rev/min)	0-16 rpm / 7,3 rpm (D version)
Maximum torque to chuck	885 Ft/L bs (1200 Nm)
Self-centring lock: external	10" - 26"
Self-centring 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/L lbs (3060 kg)
Power supply (Model 145) Motor	110v / 1Ø / 60 Hz 1Hp
Power supply* (Model 145D) Motor	220v / 1Ø / 60 Hz 1 Hp

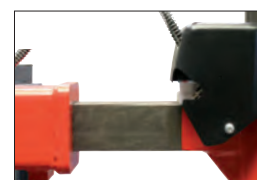
*SHIPS WITH NEMA L6 - 20 PLUG



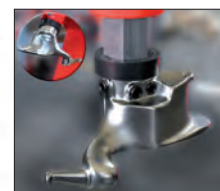
R145



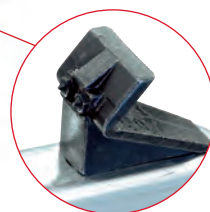
Adjustable tool guide.



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

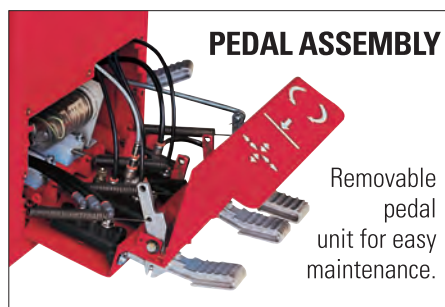
Plastic tool head with
support for tilt back units.



Double synchronization: perfect load
distribution for maximum durability.



Screw caps to prevent hooking of
air pipes.



PEDAL ASSEMBLY

Removable
pedal
unit for easy
maintenance.

145D **TILT BACK VSC**

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.



**D Version
INVERTOR
0-16 RPM**

VARIABLE SPEED CONTROL



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 inflator valve and pressure gauge.



R145D



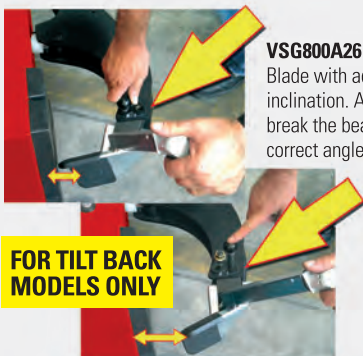
Filter and lubricator included.



OPTIONAL TOOL HEAD

VSG800A126
Plastic tool head with support for tilt back units.

STANDARD ACCESSORIES / TILTBACK AND SWING ARM MODELS



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

**FOR TILT BACK
MODELS ONLY**



VSG800A117 (2 x kit)
Tool protection kit.



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

VSG800A11
Bead breaker blade protection



146 **SWING ARM PRO**



SCAN CODE FOR
PRODUCT VIDEO

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.

OPTIONAL TOOL HEAD



VSG800A60

Plastic tool head with support for swing arm units.

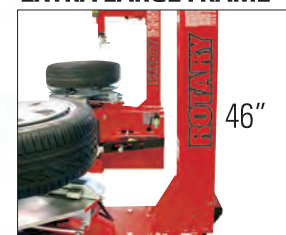


EXTRA WIDE (Balloon type)

NEW ARM DESIGN

AIR TANK IN THE COLUMN

EXTRA LARGE FRAME



46"

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

R146



PEDAL ASSEMBLY

Presscast
aluminium pedals
Pedal assembly
can be removed
for easy servicing

VALVE TRAY

**26" OUTSIDE CLAMPING
8,000 Ft/L lbs. BEAD BREAKER**

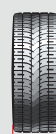
TIRE DIMENSIONS



10" - 26"



46" (1170 mm)



15" (381 mm)

STANDARD ACCESSORIES / SEE PAGE 5

TECHNICAL DATA	R146
External clamping	10" - 26"
Internal clamping	12" - 28.5"
Max. tire diameter	46" (1200 mm)
Max. tire width	15" (380 mm)
Max. bead breaker opening	15" (380 mm)
Bead breaker cylinder power at 145 psi	6,745 Ft/L lbs (3060 kg)
Power supply	110v / 1Ø / 60 Hz



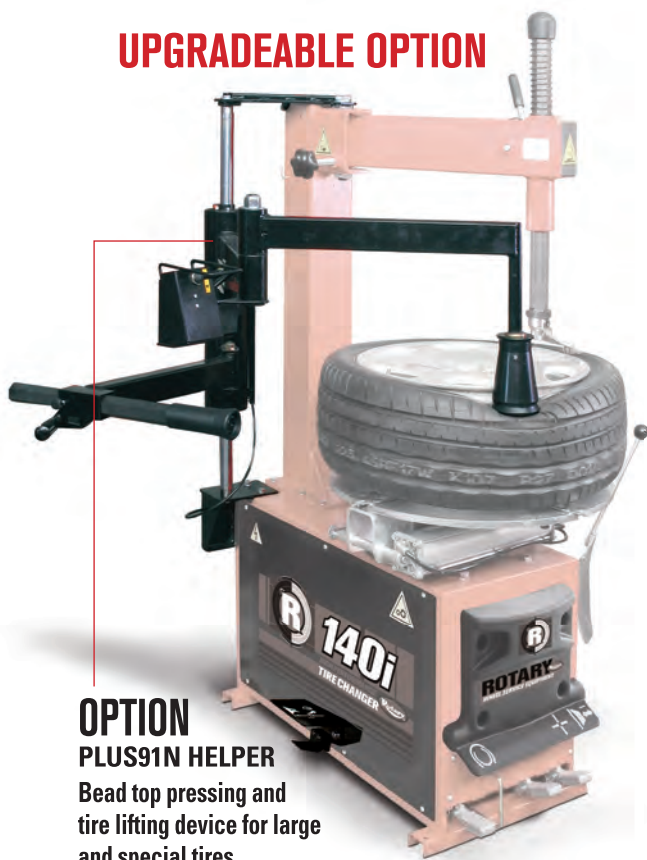
140i SWINGARM SHOP

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

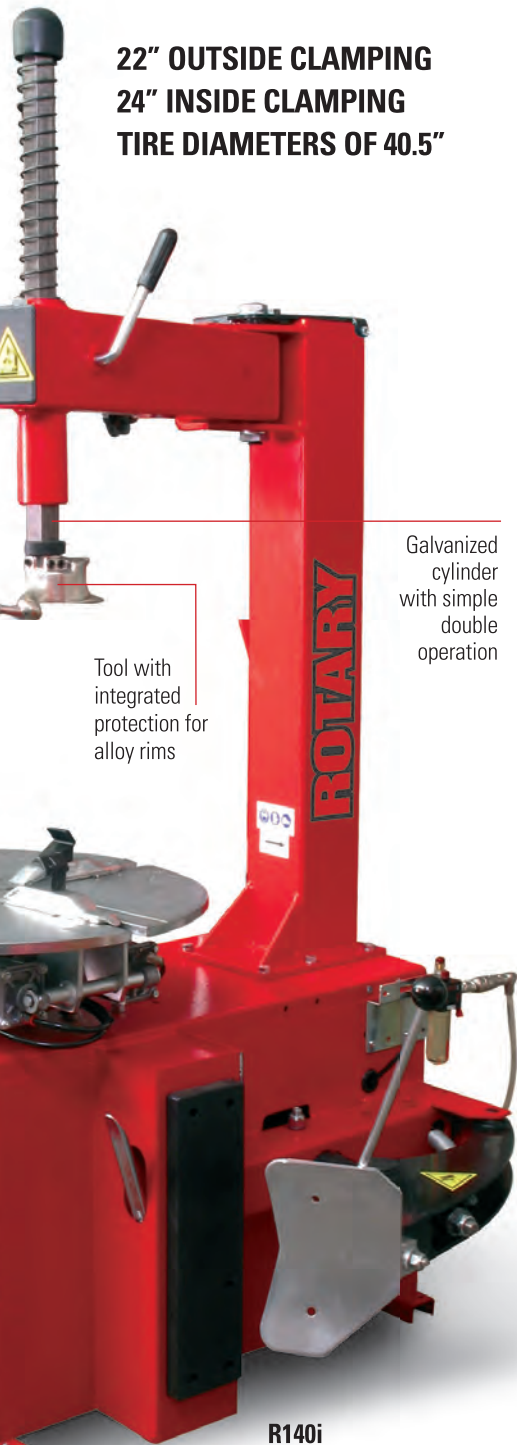
Bead top pressing and tire lifting device for large and special tires.

OPTIONAL TOOL HEAD



VSG800A60

Plastic tool head with support for swing arm units.



22" OUTSIDE CLAMPING

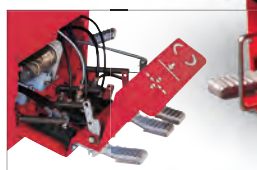
24" INSIDE CLAMPING

TIRE DIAMETERS OF 40.5"

Galvanized cylinder with simple double operation

Tool with integrated protection for alloy rims

R140i



PEDAL ASSEMBLY

Removable pedal unit for easy maintenance.

STANDARD ACCESSORIES / SEE PAGE 5

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

TIRE DIMENSIONS

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



OPTIONAL MOTORCYCLE WHEEL CLAMPS



VSG800A99 / + 5" from the outside

OPTIONAL SMALL WHEEL ADAPTER VSG800A111

Reduces clamping capacity to 8" For ATVs and lawn equipment tires



501N **SPEEDCHANGERHD**

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.



SCAN CODE FOR
PRODUCT VIDEO

***DISMOUNT and
MOUNT a TRUCK
TIRE IN 30 SECONDS!***



**COMPACT DESIGN
TRUCK TIRES
BUS TIRES
SUPER SINGLE**

HYDRAULIC CONTROLS

Controls function from an ergonomic console.

ADJUSTABLE ARM POSITION



HYDRAULIC CLAMPING

Hydraulic chucking table.
Suitable for agricultural tires (+G108A24)



(4 x kit)

VSG108A2
Protects aluminum
wheels
STANDARD



R501N

STAND-BY FUNCTION

The "STAND-BY" function means no noise when the machine is not operating.

SPEED DEMOUNTING



SAFE PLASTIC ROLLERS

Plastic bead breakers prevent damage to the rim

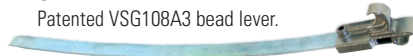
The bead breakers are supported by two separately controlled arms. Each arm has two rollers, one conical which pushes on the bead, one cylindrical which pushes the side of the tire.

SPEED MOUNTING



STANDARD LEVER

Patented VSG108A3 bead lever.



OPTIONAL ACCESSORIES



VSG90A6
Aluminum rim
clamp

VSG108A24

Disc for wheels with lock
ring and agricultural wheels



QUICK LOADING



HYDRAULIC UP / DOWN MOVEMENT



**13" MINIMUM
HEIGHT (330mm)**

**3.5" MINIMUM
CLAMPING
(90mm)**

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

TIRE DIMENSIONS



11" - 27"



52" (1320mm)



21" (540mm)

TECHNICAL DATA

R501N

Chucking 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



560 MOBILEHD

TIRE CHANGER FOR ROADSIDE AND WORKSHOP SERVICE

EASY TO USE CHANGER

Suitable for closed vans or small workshops.

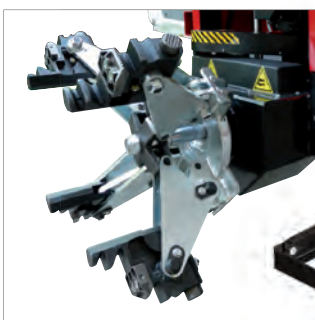
Controls are protected on changer console and the hydraulic clamping and chucking table are suitable for agricultural tires. Center locking feature - single central docking with ring nut.

EASY SETTING

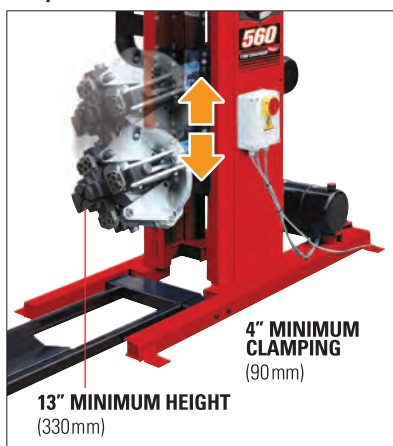


HYDRAULIC CLAMPING

Hydraulic chucking table
Suitable for agricultural tires



HYDRAULIC UP / DOWN MOVEMENT



4" MINIMUM CLAMPING
(90mm)

13" MINIMUM HEIGHT
(330mm)

TIRE DIMENSIONS



11" - 27"



51" (1300mm)

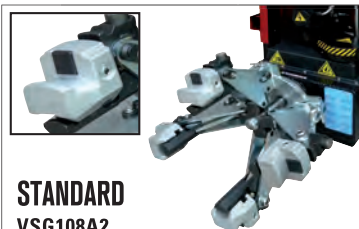


37.4" (950mm)

STANDARD

VSG108A2

Protects aluminum wheels (4 x kit)



STANDARD

Aluminum protectors
for tube tires



STANDARD ROLLER for tubeless tires



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/L 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 / 3Ø / 60 Hz

OPTIONAL ACCESSORIES



VSG90A6
ALU RIM CLAMP



VSG108A22
DISC FOR WHEELS
WITH LOCK RING



511 COMMERCIAL HD

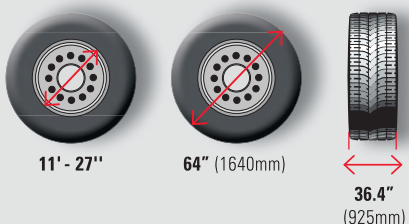
SUPER DUTY TIRE CHANGER SERVICE A WIDE RANGE OF WHEELS

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.

**TRUCK TIRES
BUS TIRES
SUPER SINGLE
LOCK RING
AGRICULTURAL**

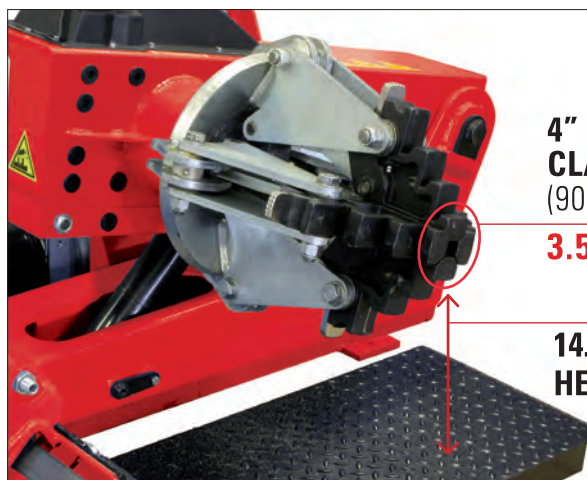


TIRE DIMENSIONS



R511

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

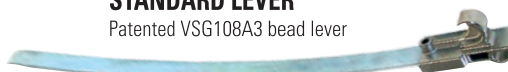


QUICK MANUAL ROTATION

Manual tool rotation
with quick unlocking
device is standard.

STANDARD LEVER

Patented VSG108A3 bead lever



OPTIONAL ACCESSORIES



VSG90A6
Clamp for alloy wheels

VSG108A25
Clamp for steel
wheels



TECHNICAL DATA	R511
Chuck 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 / 3Ø / 60 Hz

***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

2700 Lanier Drive
Madison, IN 47250, USA

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



Lit# Wheel Service Changers Brochure.2018.09

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Brazil: +55.11.4534.1995

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 X5655 or visit us on the web at rotarylif.com/Government-Purchasing-Assistance/.

Sourcewell
Formerly NJPA
Contract No. 061015-RRL

NASPO
ValuePoint
Formerly WSCA-NASPO
Contract No. 05316