

R144i SWINGARM

HIGH-PERFORMANCE, EXTRA HEIGHT CHANGER

HEAVY DUTY SWING ARM STRUCTURE FOR HIGH VOLUME SHOP USE

- Exclusive 110v single speed motor provides needed torque



VERSATILE SELF-CENTERING RIM CLAMPS

- Rim clamps offer a wide variety of wheel and tire combinations
- Optional adapter kits assist in fitting motorcycle, ATVs, and lawn equipment tires



SPACE-SAVING ENCAPSULATED AIR TANK

- Built inside the changer column to free up space behind the machine.



STANDARD PLASTIC MOUNTING / DEMOUNTING HEAD

- Improved design style
- Durable composite for long life and greater wheel protection

ROBUST CENTER FRAME

- Extra large frame allows for a maximum tire diameter of 46"
- Arm design for high performance, high volume use



STANDARD CONVENIENT STORAGE CABINET

- Keep tools and supplies within arm's reach
- Store valves, stems, and accessories

REMOVABLE PEDAL ASSEMBLY

- Allows for easy access maintenance

TECH-FRIENDLY DOUBLE-ACTING SIDE BEAD BREAKER

- Extra wide tool shaft allows operation on tires up to a 15" maximum width
- POWER IN, PARK, and POWER OUT
- Work on low-profile and large steel or alloy rims



ROTARY[®]

BY ROTARY SOLUTIONS

R144i SWINGARM TIRE CHANGER

FEATURES

- 110v drive motor supplies needed torque
- Gear box is supported by steel plates to avoid flex
- Valve tray
- Tire paste lubricant and brush

R144i services:



Optional equipment may be required

SPECIFICATIONS:

External clamping	10" - 26"
Maximum torque to chuck	885 Ft/L bs (1200 Nm)
Internal clamping	12" - 28.5"
Max. tire diameter	46" (1168 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

Site Requirements: 110V / 115-145 psi air supply

ROTARY WHEEL SERVICE EQUIPMENT carries a 3 year warranty. See website for details.

STANDARD EQUIPMENT



PLASTIC TOOL HEAD
VSG800A60 Tool head with support



VSG800A117KIT Tool protection kit for metal mount / demount head (2 x kit)



VSG800A11
Bead breaker protection
Qty. of 1

VSG800A11K / Qty. of 5

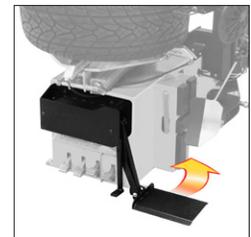


VSG800A6KIT
Clamp Protectors / 24" - 26" (4 pcs)

OPTIONAL ACCESSORIES



VSG800A107
FAST FIT
MOTORCYCLE
ADAPTERS
+ 5" from outside



VSG800A35
PNEUMATIC WHEEL LIFT
Reduces the effort of lifting heavy wheels during the tire changing process.
Max Capacity: 175 lbs.



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



ROTARY SOLUTIONS

To learn more about all of our automotive service and repair solutions or to contact your local distributor, visit us at www.RotarySolutions.com today.

Need assistance or have questions? We're here to help:
800.445.5438 / Sales: insidesales@rotarysolutions.com
Technical Support: WS-techsupport@rotarysolutions.com

ROTARY SOLUTIONS™

2700 Lanier Drive | Madison, IN 47250, U.S.A.

Lit# Rotary.R144i.Cutsheet.12.01.2025

©2025 VEHICLE SERVICE GROUP™
All Rights Reserved. Unless otherwise indicated, ROTARY SOLUTIONS™, VEHICLE SERVICE GROUP™, DOVER® and all other trademarks are property of Dover Corporation and its affiliates.

Product specifications, part numbers, images and component descriptions are subject to change without notice or liability.