Utility Products
The Valve Maintenance Experts™

VALVE MAINTENANCE TRAILERS

VALVE MAINTENANCE SKIDS

PIPE SAWS, VALVE EXERCISERS & TOOLS

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Valve Maintenance Experts

As the industry leader in valve maintenance systems, Wachs Utility Products offers a wide range of equipment designed to perform recommended or mandated procedures. Wachs products can help track your valuable water infrastructure and keep it operating at peak efficiency. Our equipment includes complete trailer, skid and truck mounted systems, individually mounted valve exercisers, and handheld devices. We also offer our industry leading DW Guillotine series of pipe saws that utilize a diamond coated wire to quickly and safely cut water pipes.

VITALS Software

Wachs equipment supports our industry exclusive VITALS® software that uses “No Assumptions” logic in its programming. This class leading software, developed over the last three decades, has one goal in mind - to eliminate misdirection and over-torquing of valves during operation to prevent damaging or breaking them. Comprised of both mobile and desktop modules, VITALS allows you to set torque limits and record infrastructure details including location, valve-operating direction, and torque applied.

Cost Effective Tools

While all tools are meant to do work, the best tools can also save you money. With the cost to replace a broken, leaking or inoperative valve measured in thousands or tens of thousands of dollars, Wachs equipment can often repair or rehabilitate your valves if your maintenance efforts fall short. While not every valve can be saved, many can be. Ask your local Wachs Utility Products specialist for more details on how to save yours.

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Our Valve Maintenance Trailers with the ERV-750 and TM-7 onboard are the industry standard for a completely upgradeable, versatile platform designed to transport all the valve maintenance and vacuum tools needed in the field. Built to withstand the rigors of years of service, it’s the perfect solution for municipalities or contractors looking for a rugged, long lasting self contained system.

**Grand LX Gas/Diesel**
- TM-7 Standard 1500 ft lb
- ERV-750 with Bluetooth
- 500 CFM-11in Hg Vacuum
- 250 Gallon Spoils Tank
- HTMA Class II Circuit Power Pack
- Service Light Package

**Standard LX Gas/Diesel**
- ERV-750 with Bluetooth
- 500 CFM-11in Hg Vacuum
- 150, 250, or 350 Gallon Spoils Tank
- HTMA Class II Circuit Power Pack
- Service Light Package

**Compact LX**
- ERV-750 with Bluetooth
- HTMA Class II Circuit Power Pack
- Service Light Package
All the features of the Valve Maintenance Trailer in a skid configuration to easily mount to your utility flatbed vehicle

**Standard LX Gas/Diesel**
- ERV-750 with Bluetooth
- TM-7 and TM-7 HD Plus Optional
- 500 CFM-11in Hg Vacuum
- 250 Gallon Rear Dump Spoils Tank
- HTMA Class II Circuit Power Pack
- Service Light Package

**Standard SB Gas/Diesel**
- ERV-750 with Bluetooth
- TM-7 and TM-7 HD Plus Optional
- 500 CFM-11in Hg Vacuum
- 250 Gallon Rear Dump Spoils Tank
- HTMA Class II Circuit Power Pack
- Service Light Package

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Custom Knapheide Body with Integrated Wachs Valve Maintenance Skid

Wachs has partnered with Knapheide to create the most efficient and complete valve maintenance truck with maximum storage. Pick your fleet vehicle rated to 19,500 GVRW and cab to axle length of 84 inches. Knapheide upfits the bed onto your cab and chassis, and installs the Standard SB Wachs Valve Maintenance Skid on the body. Choose from the options that best fit your needs.

- TM-7 Storage Drawer
- DW208 Compartment
- Tool Drawer
- Valve Key Box
- Clean, Lockable Storage Compartments

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E.H. Wachs has perfected Extended Reach Valve turning and maintenance systems with our ERV-750. The Wachs ERV-750 allows a single operator to quickly and easily reach and turn 4in and larger valves, including inaccessible and obstructed valve boxes.

With a 13 foot (3.96 meters) reach, it will apply up to 750 ft-lbs of torque (1015 Nm) in a graduated sequence using our VITALS Software.

The ERV-750 can be mounted on a flatbed or a front bumper.

The ERV-750 is designed with flexible mounting options: the standard “low-stack” configuration mounts on a flatbed utility vehicle, and the “high-stack” version mounts to the front bumper.

Either version remotely and safely exercises your valves using our handheld HC-100 controller.
The TM-7 can exercise valves 6in-60in with automatic torque control.

**Designed for Stubborn Valves**

Using a TM-7 to safely implement AWWA valve exercising procedures on large valves is easy, even for an inexperienced operator, as the TM-7 fully conforms to the AWWA Valve Exercising Standard.

Designed for stubborn valves, even ones you may already have scheduled for replacement, if it’s not broken the TM-7 will likely turn it. If you don’t believe it’s possible, call your Wachs representative for a free demonstration and show us your toughest valve.

Available with truck and trailer mounting options, the TM-7 is self contained, modular and will fit almost any vehicle or trailer.

**Available models:**
- Standard Duty 1500ft lb
- Heavy Duty 2500ft lb

**Includes:**
- 8 ft Valve Key
- 2in AWWA Socket

**Power requirements:**
- Standard Duty: 8 GPM@2000 PSI
- Heavy Duty: 12 GPM@2000 PSI

- Ideal for larger, older valves
- Models with 1500ft lb or 2500ft lb industry leading torque available
- VITALS™ equipped HC-100 Controller required
- Multiple truck and trailer mount options

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E.H. Wachs has long been an innovator in the field of computerized data collection. An industry first, VITALS Mobile features the ability to synchronize with your desktop. Residing on your system computer, VITALS Desktop enables the two way synchronizing between the field and office. With VITALS, you can import all your existing data labels and categories. There’s no forcing your existing data into static predefined fields, so it’s all very user friendly.

Wachs VITALS is an acronym for Valve Information Tracking And Logging System. VITALS software allows you to view and log critical information on valve performance and operation, all in real time. This information allows the operator to visualize exactly what’s happening at the valve. Adjustable torque control limits include indicators that signal when preset limits are reached, and trigger auto reverse or auto shut down to prevent valve damage.

VITALS Features:

- Select torque limit
- Record valve activity
- Record GPS location
- Torque chart displays
- Create valve reports for maintenance/compliance

HC-100 Handheld Controller

The VITALS equipped HC-100 controls the Wachs ERV-750 and the TM-7 truck and trailer mounted valve exercisers. This handheld computer delivers maximum performance and reliability in a lightweight, rugged design that’s easy to carry and use.

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Wachs P-2s are available as electric, hydraulic & pneumatic models for exercising valves from 6in to 60in. Helps eliminate back injuries associated with manually turning large or stuck valves.

The P-2 is offered in:
• High torque (800 ft lb)
• High speed (500 ft lb)
• Both types are available with optional VITALS torque control feature

Operates rising and non-rising stem valves from 6in-60in at up to 55 rpm for valves requiring several hundred turns.

• Hydraulic, Electric, or Pneumatic Drive
• Electric model available with optional VITALS torque control feature

Optional telescoping valve key and universal handwheel adapter for P-2 & RS-2
PIPE CUTTERS

**DW Guillotines**

Keep operators safe, mounts directly to pipe & eliminates kick back.

Operator controls and feedback gauge are top mounted away from cutting action.

Cuts steel, ductile, cast iron, concrete, poly & pvc using a diamond wire.

Requires 8 GPM @2000 psi as equipped on Wachs Skids and Trailers.

Includes carrier and water delivery system.

Feed control on top & away from cutting keeps operators safe

DW 208 features collapsible arms for easy storage

DW208 cuts 2-8 in

DW416 cuts 4-16 in

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Wachs Valve Nut Rx is a system of tools and replacement parts designed to rehabilitate valves that are inoperable due to a damaged, missing or corroded operating nut. The tools are designed to carefully remove the mounting screw, extract the nut off the shaft and install the replacement nut.

- Replace rounded, corroded or missing operating nut
- Removes and replaces operating nut hardware
- Replace old corroded hardware with stainless steel
- Drills and taps valve nut stem hardware as required
- Kit includes stainless steel replacement nuts

Valve Box Buddy

Pick up cast iron and steel utility box covers easily, safely and without having to bend over.

Instantly attaches to and removes valve box covers utilizing a 70mm 1,000lb (450 kg) switchable magnet. Locking on/off handle makes removing covers quick and easy.