



Utility Products

A Division of **TW**

The Valve Maintenance Experts™

UTILITY



VALVE MAINTENANCE SYSTEMS

turnvalves.com

SUPERIOR EQUIPMENT



Early model truck mount valve exerciser

For over 125 years E.H. Wachs has manufactured the world's finest portable pipe machining tools and valve exercisers. Specially designed for water and gas distribution system operators, our products are solidly built to help you maintain these systems, year after year, with greater efficiency and safety.

Built to Last

We design and build all our products to last a lifetime. E.H. Wachs is ISO 9001 certified, and reflecting our manufacturing excellence was named one of the "Ten Best Machine Shops" by American Machinist Magazine. Sold and supported worldwide, each and every product is individually hand assembled and fully tested by our master craftsmen before shipment.



1970's model truck mount exerciser



Newest Valve Maintenance System Truck

Superior Equipment

Wachs offers municipalities, utilities and contractors a full line of valve exercising machines and vacuum evacuation products for valve box and vault cleanout. These include our handheld exercisers Pow-R-Drive 2™ and Rising Stem RS-2™, our workhorse truck or trailer mounted ERV-750™ and the Wachs powerhouse TM-7™. Wachs Valve Maintenance Systems will locate, access, operate and record all your valve data for asset management. The competition doesn't have anything like it!

COMPLETE SUPPORT

Today's managers ask themselves: What's the most important consideration when I purchase valve maintenance machines? Quality hardware, or state of the art software and controllers that talk with my existing water management system?

Superior Hardware and Software

The good news is with E.H. Wachs, you get the best of both. Our hardware is demonstrably superior – just see these machines in action and compare them side by side to the competition. Now ask your IT specialist to review the functionality, precision control and communication that our Intelligent Automation and VITALS™ software offers, and it's game over. Nobody else in the industry has anything like it – nobody.

Wachs has again taken a quantum leap past the competition with our new advanced VITALS Mobile software. Coupled with our new HC-100 Controller, this means that you now have your entire system information available in the palm of your hand!

Complete Support

When you purchase an E.H. Wachs machine, you're partnering with the industry leader that's been building Superior Equipment for 125 years. That partnership means the equipment you buy today will be supported with the training, service, parts and upgrades that will be "vital" in the years ahead. With Wachs powerful combination of hardware and software, you no longer need to choose between them. Choose Superior Equipment. Complete Support.

“A reliable water system is critical to Las Vegas, and so is our valve management program. Using Wachs equipment and VITALS™ software, we have a clear picture of our system at all times. Fewer complaints, better water quality, more satisfied customers with Wachs.”

MARCELLUS JONES, JR.

Distribution Systems Manager, Las Vegas Valley Water District

THE WACHS ADVANTAGE

- Newest VITALS™ Software
- New HC-100 Controller equipped with GPS
- Optional Trimble RSGNSS GPS with up to Centimeter accuracy
- 1.0GHz ARM Cortex A8i. MX53 processor
- 512 MB Ram
- Longer battery life
- High visibility backlight LCD 4.3" viewing area
- Complete Warranty
- Sold and Serviced Worldwide



Intelligent AUTOMATION

E.H. Wachs offers the industry's leading fully automated system of safely exercising valves. Wachs Intelligent Automation equipped tools are safer, easy to use, and available on all our truck-, trailer-, and skid-mounted Valve Maintenance Systems.

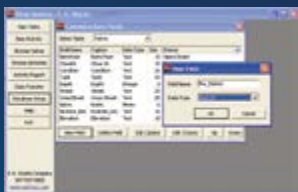
Intelligent Automation

E.H. Wachs combination of Intelligent Automation, VITALS™ software and the HC-100 controller offer users the most precise microprocessor control of valve operation ever invented. Here's how it works: Wachs Intelligent Automation equipped machines contain the necessary motors and sensors, our VITALS software contains the operating system, and our Microsoft Windows based HC-100 Controller has the capability to boost productivity and speed in the field. Now you have the ability to safely and remotely exercise valves, capture the information and synchronize it with your desktop. Nobody else has anything like it!

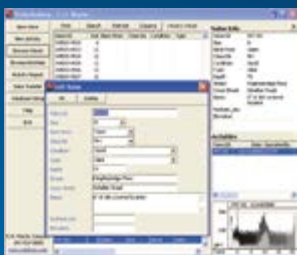
When Intelligent Automation and VITALS are combined, they become a powerful diagnostic tool. Digital torque and turn displays provide clear insight into a valve's condition, while the electronic torque sensor records the torque chart. Adjustable torque control limits include indicators that signal when preset limits are reached, and trigger auto shut down or auto reverse to prevent valve damage.

Intelligent Handhelds

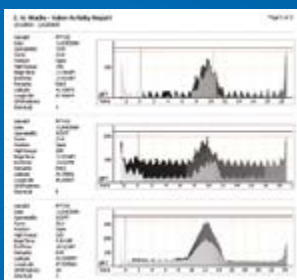
E.H. Wachs makes it easy in implementing a valve maintenance program. Locate, operate, record valve maintenance with our valve exercisers, HC-100 data logger and VITALS software that syncs directly to your network PC.



Custom Data Fields



Browse and Edit Valves



Valve Activity Report



VITALS™ Software



Intelligent Automation Equipped



Communicates with
HC-100 and VITALS Mobile



Syncs with VITALS Desktop

VITALS™

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. It's now possible to carry your entire system's data right in the palm of your hand!

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.

HC-100 Handheld Controller

The HC-100 is the ideal companion to 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.

A VITAL Advantage – Synchronizing.

- VITALS™ Mobile offers the ability to Sync with your desktop
- Vitals diagnostics
- Import all your existing data fields unchanged, including labels
- User Defined Fields, choose what works best for you
- Compact HC-100 with touch screen, bright display and Bluetooth® makes synchronizing a snap!

ERV-750™



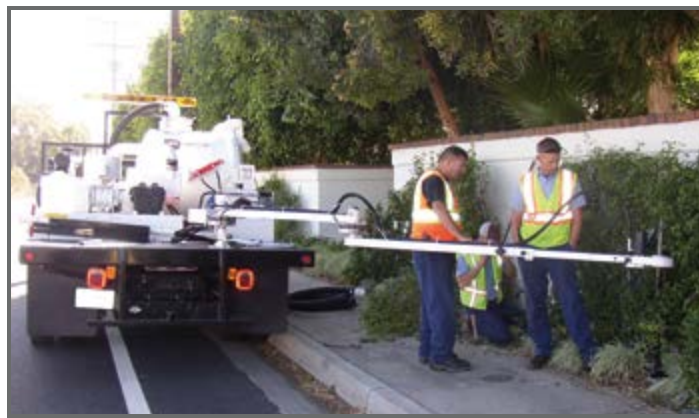
The ERV-750 mounted valve exerciser utilizes industry exclusive “no assumption” automation technology to safely and effectively turn valves using AWWA recommended procedures. It protects operators by keeping “hands off” the machine while exercising the valve and protects the valve by not assuming size, direction or current position.

General Specifications

- Operates valves 4" (100mm) & larger
- Speed 5-30 RPM
- Torque 750 Lt-lb {1016Nm}

Supply Requirements

- 4-12 GPM @ 2,000 PSI (8 GPM recommended)
- Power with Wachs Hydraulic Power Unit
- HPU-750 or your PTO



Hands Free Operation

No operator support or interaction required during valve exercise, all reaction torque and feedback is absorbed through machine only. This combined with automated control allows the operator to start the exercise safely away from environmental conditions which might pose a hazard. When combined with optional Bluetooth connectivity, the operator is able to monitor and control the exerciser up to 25' away for increased safety.



Wachs Extended Reach

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 Wachs design offers flexibility without compromises, and far greater effective power. Simply place the articulated ERV-750 arm over the valve, insert the telescoping key, and remotely and safely exercise the valve using our handheld HC-100 controller.



Extended Reach Without Compromise

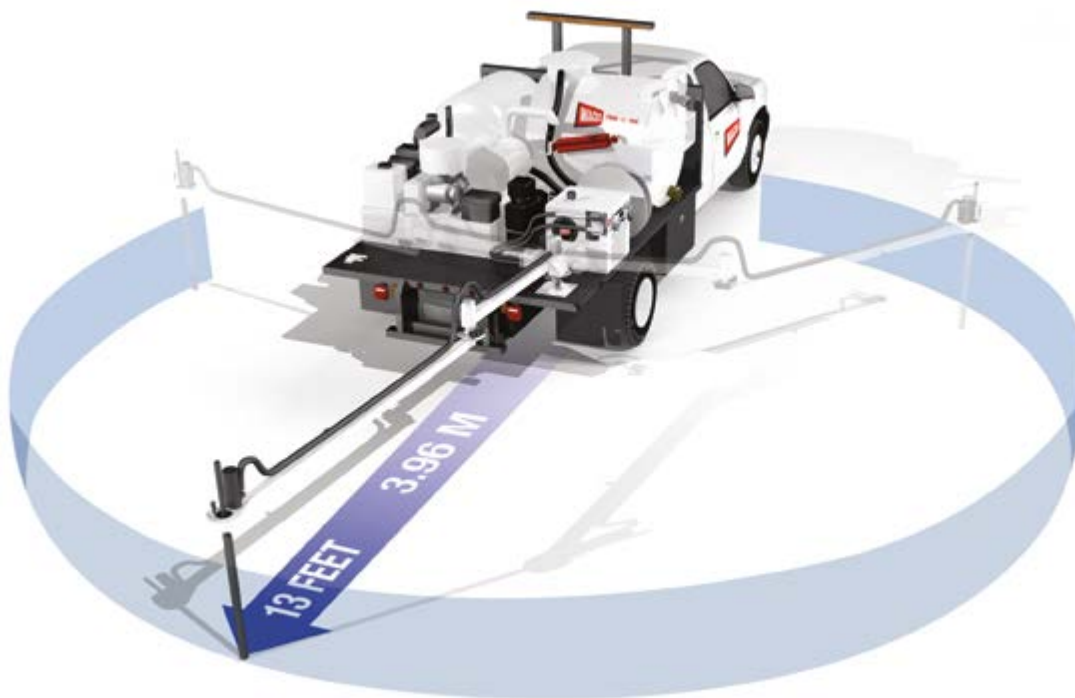
Intelligent Automation

With Intelligent Automation, only the minimum amount of torque necessary is applied to make the valve operational and prevent breaking the valve. It's fully automated, so even inexperienced operators can quickly and safely free stuck and neglected valves. Using our industry leading VITALS software, users can obtain critical information on valve health, such as valve type, open/close status, turn direction and torque requirements. All of this information is easily logged, uploaded, stored and synchronized.

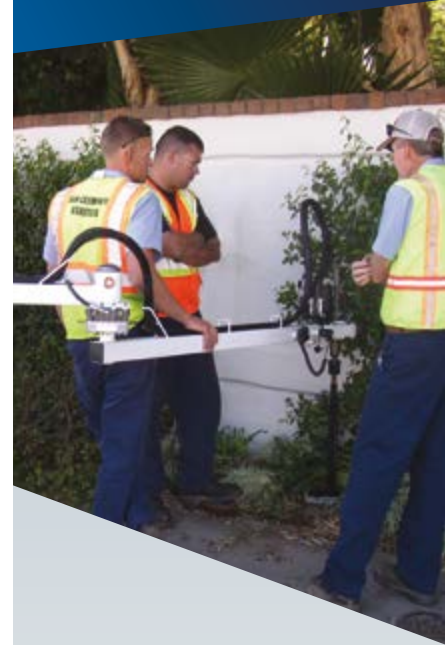
Truck or Trailer Mounting

The ERV-750 is versatile with mounting capabilities to customize your utility truck or trailer. Expand your fleet assets by adding the ERV-750 valve exerciser to your existing utility vehicle with our truck and trailer mounting kits. Eliminate the need for multiple vehicles by combining the functions of your existing assets.

Additionally the ERV-750 can be mounted directly to your flatbed, or pickup truck. Easily convert your utility fleet by mounting the the front bumper and run off existing PTO power.



- The ERV-750™ works equally well on either a truck or trailer, and its mounting options are virtually limitless.
- The ERV-750 does not require the operator to physically hold it down on the valve.



“ Like most municipalities, we face a smaller workforce, shrinking budgets, and growing needs. We rely on Wachs VITALS™ software to meet those needs. It's flexible, and seamlessly transfers data with a very high level of accuracy. ”

DOUG ZWAHLEN
Utilities Field Supervisor,
City of Akron, OH
Water Department

TM-7™

Industry Leading Power and Intelligence

If you have valves that are old, corroded and resist turning by ordinary exercisers, consider an E.H. Wachs TM-7™. Using our Intelligent Automation, it can apply up to a massive 2500 ft-lbs (3390 Nm) of torque. With a large variety of truck and trailer mounting options to choose from, the TM-7 is the ultimate in power operated valve operators.



Wachs TM-7™

- Ideal for larger, older systems
- Industry leading torque
- Newest design single drive
- Case hardened, torque accepting construction
- Multiple truck and trailer mount options
- Intelligent Automation
- VITALS™ Compatible



Tough but Smart

We build the TM-7 with hardened components for brute strength, and then add smarts with our Intelligent Automation. At its maximum torque output the TM-7 could easily break most valves, but Wachs Intelligent Automation monitors torque and gently applies the minimum force required in a gradual sequence. Equipped with our HC-100 handheld controller and VITALS™, the TM-7 will remotely exercise the valve, capture the data and activate auto reverse and auto shut down as needed. Requires no operator support, safely perform daily maintenance without operator injuries and out of harms way using the wireless Bluetooth connectivity to the TM-7.

“We use a Wachs valve exerciser with VITALS™ and GPS to help manage our water system of 9,000 valves and 26,000 connections. San Jose gets lower maintenance costs and improved operations by combining GPS technology and Wachs data collection to support our long term system objectives.”

MANSOUR NASSER, P.E.
Division Manager
Water Resources Division
Environmental Services Department
City of San Jose, CA

Our HC-100 GPS handheld controller allows the user to stand clear of the keyway for safety. The operator can monitor the turning sequence on the VITALS™ Mobile screen in real time, while the HC-100 captures the information.



Wachs HC-100 Controller

- Durable hardened plastic in a shear-proof and shock-resistant design
- Bluetooth wireless technology
- GPS 2-5 meters accuracy
- Optional Docking Station
- Optional 3 yr protection plan



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.



GRAND LX™

Trailer or Skid

Grand LX™ Skid/ Trailer Features

- Wachs HD TM-7 & ERV-750 Valve Exercisers
- Wachs HC-100 VITALS Controller with Bluetooth
- 250 Gallon Spoils Tank
- Gas or Diesel Engine
- HTMA Class II Auxiliary Hydraulic Circuit 8 GPM @ 1,800 PSI
- 500 CFM Vacuum Pump
- 2.5 GPM @ 3,000 PSI Pressure Washer System
- 20ft x 3in Suction Hose with 2 1/2in, 1 1/4in, and 7/8in by 8ft steel suction wands
- 50ft Hydraulic Hose Reel
- Telescoping Valve Key with 2" socket
- Excavating and Wash Down Wands
- DOT Approved Lights
- Dexter torsion axle rated @7000 lbs GVWR
- Bulldog super duty platform jack stand (extendable by hand crank)
- Heavy duty locking diamond plate job box.
- Programmable arrow board service lighting
- Compliant with NATM (National Association of Trailer Manufacturers

The GRAND LX™ (Valve Maintenance Trailer/Skid) with the ERV-750™ and TM-7™ onboard is the industry leader in maintaining water distribution systems designed to transport all the valve maintenance and vacuum tools needed in the field. Built for years of reliable service, it's the perfect solution for municipalities or contractors looking for a rugged, long lasting self contained system.

GRAND LX Features

The GRAND LX is impressively equipped with a 27 HP gas or Kubota diesel engine, vacuum pump of 500 CFM for light excavation and valve box clean out. To fully access the valve, a 2.5 GPM @ 3,000 PSI pressure washer system removes stubborn debris. Also included in the power pack is the Wachs HPU-750 providing hydraulic power to the ERV-750 and TM-7 rated for 8GPM @ 1800 PSI.

Removal of debris in the 250 gallon spoils tank is effortless utilizing the slide and tilt hydraulic system. The utility crew can safely operate all functions of the GRAND LX using the convenient and fully accessible control panel.

With Wachs, municipalities can safely and efficiently perform valve maintenance programs to be ready in any emergency and prevent costly utility repairs.

Optional Features (Skid/Trailer)

- Kubota 1.1L, I-3 4-stroke, liquid cooled diesel engine (for Skid or Trailer)
- Expand GPS capabilities to either centimeter accuracy on the HC-100 controller



500 CFM Vacuum Pump for valve box clean out



Highly portable, Grand Skid stows easily when not in use.

VMS TRUCK

Service Body & Upfitting

Wachs has partnered with Knapheide to improve the efficiency of the Valve Maintenance Skid (VMS) through the design of a specialized service body; this unique solution optimizes vehicle storage and equipment layout, making for an efficient workflow. Designed specifically for the application, the VMS Truck eliminates costs of a conglomerate of equipment.



The VMS includes every tool required to locate, access and operate valves, record data, and schedule repairs for a successful valve maintenance program.

- Grip Strut Bumper with Pintle Hook Recess
- LED Warning Strobe Light Kit (front/rear)
- LED lighting in all cabinets
- Cab Guard Full Width, Dab High with 2 Work Lights & Grab Handle
- LED Work Lights
- Key/Shovel Storage Box 132in L x 10in H x 20in D
- Innerbody Storage for TM-7 (integrated into service body deck maximizing free deck space)
- Rollup Service Door for TM-7 Cabinet
- Underbody Storage at rear for 45 lb Breaker (between frame rails)
- 110v Electric, 20 Amp Continuous (90 Amp Peak) Low Frequency Inverter with (2) Auxiliary Batteries & Electric Cord Reel - 50ft
- Extend Cargo Floor to Edge of Body Curb Side (vertical compartments deleted above floor level)
- Rear Storage Box for Paint Cans & Wire Brush
- Class V Receiver Hitch with 2.5in Receiver Tube
- Two Drawer Tool Box
- 24in & 12in Retractable Steps with SS Kick Plates
- Fuel tap & Electric tap reduce maintenance and service requirements



Ample Storage Compartments



Valve Key Storage Box



Power Inverter

TM-7



Rear/Curbside mounted controls



Tool Storage

STANDARD LX™

Trailer or Skid

Power, flexibility and robust construction are what make E.H. Wachs the industry leader in valve maintenance. The Wachs STANDARD LX™ is now available in either a trailer or skid mount. Locate, excavate and exercise valves with Wachs trustworthy and dependable equipment. Designed for curbside usage, it sets new standards for operator safety and convenience.



STANDARD LX™ Features

- 27 HP gas or Kubota 1.1L, I-4-stroke liquid cooled diesel engine
- HC-100 VITALS controller with GPS
- Pressure washer system 2.5GPM & 3,000 PSI
- 80 gal fresh water tank
- Trailer NATM compliant
- 250 gal spoils tank with twin cylinder, electric over hyd. dump system, powered by Monarch HPU. The slide & tip system moves the tank out before tilting to clear then lifts to 55 degrees for debris removal

Single User Operation

Loaded with Wachs ERV-750 automated valve exerciser, the impressive power pack and the durable spoils tank allows for complete valve maintenance using the “no assumption” method to safely and effectively turn valves using AWWA recommended procedures.

Standard LX Package

- Hydraulic hose reel
- Programmable arrow board lights
- Bluetooth Tether
- Job box (Trailer only)



COMPACT LX™

Trailer or Skid

The COMPACT LX™ is the perfect platform for your ERV-750 when no vacuum is needed, space is an issue and you prefer a light trailer or skid mount solution. The complete trailer weighs less than 1400 lbs (635 kg), measures a compact 63in W x 105in L overall (160 cm x 267 cm), and is easily pulled with light duty vehicles.



With its small footprint, the COMPACT LX is ideal for narrow city streets and tight alleys, for fragile or forested landscapes or anywhere a large, heavy trailer or truck won't fit.

Compact and Lightweight

E.H. Wachs COMPACT LX is designed to carry our powerful ERV-750 (Extended Reach Valve) exerciser and Class II Hydraulic Power Unit. It's compact, lightweight and easily transportable to perform valve maintenance using our Intelligent Automation and HC-100 handheld controller.

Compact LX Package

- Hydraulic hose reel
- Light Bar assembly (VMT only)
- Bluetooth Tether



Compact LX Features

- 16 HP gas or Kohler 15.4 HP I-2 4-stroke liquid cooled diesel engine
- ERV-750 extended valve operator with a 13 foot (3.96 meters) reach
- HC-100 VITALS controller with GPS
- HTMA class II auxiliary hydraulic circuit rated at 8 GPM @ 1,800 PSI
- Skid 3" structural steel main frame with integrated 8" fork slot tubes
- Trailer NATM compliant
- Telescoping Valve Key

VACUUM SYSTEMS

UTILITY HYDRO-VAC

The Utility Hydro-Vac is designed for the toughest jobs and to endure the harshest environments in Hydro-excavation. This heavy-duty vacuum system is versatile in trailer or truck configuration.

Standard Equipment

- Hydraulic Pump/Reservoir HTMA Class II
- 250 gallon (960 L) spoils tank
- Positive displacement blower 500 CFM (14.2 cmm) - 11 Hg (280mm Hg) vacuum
- Hydraulic slide & tilt dump system
- Fresh Water Tank
- Suction wands & wash down wands
- 2.5gpm (9.5 LPM) @ 3000 PSI (210 bar) pressure washer system



TRAV-L-VAC 300

The Trav-L-Vac 300 is a lightweight, portable vacuum system ideal for tight quarters or fragile landscapes. Designed for valve box cleanout and light to medium duty vacuum tasks, the Trav-L-Vac 300 will safely and quickly handle liquid debris and lift solids up to 25 lbs(11.35kg). Available in skid or trailer configuration.

Standard Features

- Gas Kohler 20 HP engine or Hydraulic Motor (requires 15 GPM@2000 PSI)
- 90 Gallon Spoils Tank
- 345 CFM at 14in Hg Heavy Duty Positive Displacement Blower with Discharge Silencer

Hydro-Vac Options

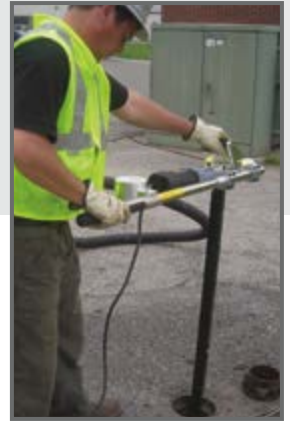
- Gas or Diesel Engine
- Upgrade 350 gal spoils tank
- 50ft Hydraulic hose reel kit
- Hot water heater
- Diamond plate job box
- Available in trailer or skid mount

Trav-L-Vac 300 Options

- Trailer: 2in ball couple or pintle hook
- 40in (102cm) wide by 60in (152cm) long and 950 lbs (432 kg)
- Rear Mount Engine Control
- Available in trailer or skid mount



HANDHELD EXERCISERS



POW-R-DRIVE 2

The Pow-R-Drive 2 or P-2 is the industry's leading handheld valve exerciser in operator safety, increased productivity and valve protection. Available in electric, hydraulic and pneumatic drive delivering controlled power to operate 6-60in (DN150-1500) valves. Operating weight 35 lbs (16kg).

Standard Features

- Standard model: 500 ft lbs torque – 20-24 RPM
- High Torque model: 800 ft lbs torque – 10-13 RPM
- Vitals ready: electronic torque control with data collection (controller optional)



RS-2 Rising Stem Valve Exerciser

E.H. Wachs RS-2 is a handheld exerciser designed to operate both rising and non rising stem valves delivering up to a powerful 800 ft-lbs (1085NM) of torque. Available in electric, hydraulic and pneumatic drive to operate 6in- 60in (DN150-1500) valves.



Handheld Options

- Universal Hand Wheel Adaptor Plate with full range extension arms (removable)
- Dedicated Hand Wheel Adaptor Plate with detent pins & U-bolts for mounting
- Drive adaptor for use with keys or operating nuts
- Telescoping valve keys



UTILITY PIPE



Guillotine® Models

- Super C, cuts 2in-12in (DN50-300)
- Model D, cuts 6in-18in (DN150-450) or up to 16in (DN400) on ductile pipe
- Super D, cuts 10in-24in (DN250-600) or up to 22in (DN550) on ductile pipe

Trav-L-Cutter™ Models

- Model E Air Kit with twin heavy duty air drive motors
- Model HE Hydraulic Kit with heavy duty hydraulic drives, reversing valves & speed control. Suitable for water immersion.

GUILLOTINE® RECIPROCATING SAWS

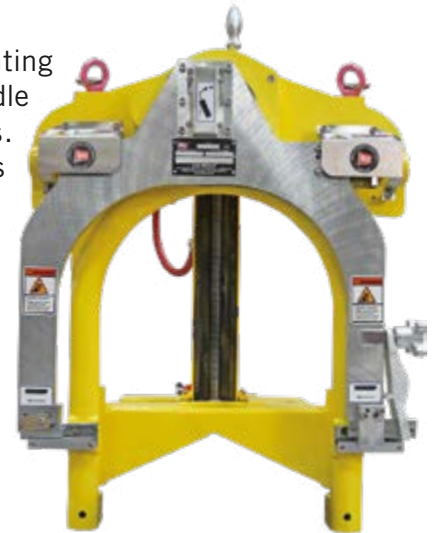
The E.H. Wachs family of portable Guillotine reciprocating saws are built to efficiently cut 2in through 32in (DN50-800) pipe of all materials, as well as solids such as bar stock and rails. Their compact design and ease of use provide fast, accurate cutting of pipe for municipalities, gas utilities and contractors.

Quick and Easy Setup

Setup is quick and easy - the chain mounting system utilizes a machine cast iron "V" saddle base that assures perfectly square cuts. Mounting horizontally or vertically, the Wachs guillotine saws require minimal clearance and combine light weight with simple, rugged construction for quick setup, low maintenance and a long service life.

Drive Options

- Pneumatic: 50 cfm @85 PSI (1.433/m @5.9 bar)
- Hydraulic: 10 gpm @1500 PSI (38 lpm @106 bar)



Trav-L-Cutter™ Pipe Milling Machine

The Wachs Trav-L-Cutter is a portable milling machine capable of simultaneously cold cutting and beveling on all machinable pipe materials, schedules and sizes from 6in up to 72in O.D. (DN150-1800).

Secured by its own drive and tensioning chain, the Trav-L-Cutter can tackle larger pipes, leaving a smooth, machined finish. Standard weld prep bevels of 30 and 37.5 degrees.

The Trav-L-Cutter chain feed system maintains out of round compensation, while providing positive drive under all conditions. By using an optional guide track and special guide track wheels, accuracy of .005in (0.13mm) can be maintained on all pipe sizes, even in zero visibility. This cutting method facilitates section removal in the field where new sections, pre-cut by the same method, can be easily dropped in place.



Model HE Hydraulic



CUTTING

DIAMOND WIRE GUILLOTINE®

Wachs Diamond Wire Guillotine® pipe saws are designed to safely cold cut Steel, Ductile and Cast Iron pipe. Designed with safety in mind, everything about these machines are geared toward operator safety, simplicity, reliability and performance.

Motion of cutting media is limited by mechanical devices enclosed in the stainless steel housing, protecting the operator and preventing any uncontrolled movement of the tool for operator safety.



DWG-208
2in-8in (DN50-200)



DWG-416
4in-16in (DN100-400)



Easy To Use

The light weight durable construction allows for quick and easy set up. Operation is easy with one person manual control. Choice of horizontal or vertical mounting. Connect directly to Wachs TM-7 or standard Class II Hydraulic Power Unit.

Diamond Wire Guillotine® pipe saw package comes complete with Diamond Wire, Shipping/Storage Skid, Water Delivery System, Operating Hand Tools and Manual.



DW Guillotine®

- Prevent operator injuries
- Lightweight and portable
- Quick and easy setup, one man operation
- Does not bind like traditional saws



ACCESSORIES for

Submersible Pumps

Lightweight, compact hydraulically powered cast iron and stainless steel construction for durability. Compact yet rugged hydraulically driven and is self priming is ideal for tight places. Requires a hydraulic power source (not included, sold separately) with a 7-12 GPM (26.5 to 45 LPM) output.

The WDP 3500 pump is capable of discharging water and solids up to .375in (9.5mm) quickly and quietly. It features, and a direct drive hydraulic motor for continuous use. With no spindle bearings requiring periodic lubrication, it can safely be run dry without damage. Discharges 500 GPM (1890 LPM) of water at a 40ft (12.2M) head. Draws water down to 3.5in (8.9cm)

The WTP 4800 trash pump is capable of pumping water, slurries, gravel, sludge and solids up to 3in (7.6cm) diameter. It features a free flow impeller with a direct drive hydraulic motor for continuous use. Discharges 800 GPM (3028 LPM) at a 10ft (2.5M) head.



WTP 4800 Trash Pump



WDP 3500 Submersible Pump

HYDRAULIC BREAKER

45 pound Hydraulic Breaker With EX Ride and 1 1/8 in hex bit capacity

- Operate from any HTMA class 2 hydraulic circuit
- 1,800 blows per minute
- Perfect for cutting curbs, sidewalks and asphalt

HPU Hydraulic Power Units (Class I & II)

Model HPU-750 15 HP gasoline engine, hydraulic skid mounted power unit with electric start, heavy duty oil cooler and auxiliary circuit, rated for 8 GPM @ 1800 PSI (30 LPM @ 124 BAR).

Wachs Utility 18 HP CE Compliant, gas engine driven hydraulic cart. Powered by an 18 HP (13.25 kW) Briggs & Stratton V-Twin engine with electric start, it is designed to power both HTMA Class I & II tools. A selector valve on the control panel sets the pump to deliver either 8 GPM (30 LPM) @ 2,000 PSI (140 bar) or 5 GPM (20 LPM) @ 2,000 PSI (140bar).



HPU 18



HPU-750

VALVE MAINTENANCE

Valve Nut Rx

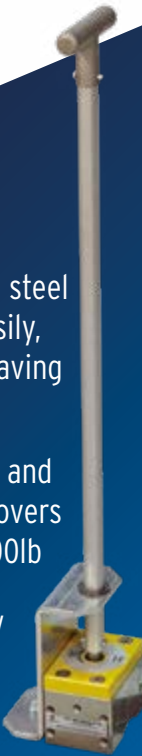
Save the streets. Save time and money by replacing rounded or worn out operating valve nuts with new long-lasting stainless steel replacement nuts and avoid complete valve removal. Our complete Valve Nut Rx kit provides everything needed for successful nut replacement. Removing the worn nut is as easy as lowering the Nut Extractor; set, lock and lift. To measure correct new valve nut set old nut onto provided template to select proper sizing.

- Replace a rounded or inoperable Operator Nut.
- Replace a missing Operator Nut.
- Remove any corroded hardware holding down an original Operator Nut.
- Replace the old retaining Nut or Bolt with a new SS Nut or Bolt.
- Drill and tap any valve stem, if needed to secure the new Operator Nut



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.





WACHS Corporate Locations
★ Sales Locations

Contact your local ITW Orbital Cutting & Welding representative for additional information or to request a product demonstration.

UNITED STATES

ITW-OCW US Headquarters E.H. Wachs®

600 Knightsbridge Parkway
Lincolnshire, IL 60069 USA
T: +1.847.537.8800
F: +1.847.520.1147
Toll Free: 800.323.8185

Northeast Sales, Service & Rental Center E.H. Wachs

1001 Lower Landing Road, Suite 208
Blackwood, New Jersey 08012 USA
T: +1.856.579.8747
F: +1.856.579.8748

Southeast Sales, Service & Rental Center E.H. Wachs

171 Johns Road, Unit A
Greer, South Carolina 29650 USA
T: +1.864.655.4771
F: +1.864.655.4772

West Coast Sales, Service & Rental Center E.H. Wachs

5130 Fulton Drive, Unit J
Fairfield, California 94534 USA
T: +1.707.439.3763
F: +1.707.439.3766

Gulf Coast Sales, Service & Rental Center E.H. Wachs

2220 South Phillippe Avenue
Gonzales, LA 70737 USA
T: +1.225.644.7780
F: +1.225.644.7785

Houston (Pasadena) Sales, Service & Rental Center E.H. Wachs

3327 Daisy Street
Pasadena, Texas 77505 USA
T: +1.713.983.0784
F: +1.713.983.0703

GERMANY

ITW-OCW Europe Headquarters Orbitalum Tools GmbH® E.H. Wachs Sales & Service Center

Josef-Schüttler-Straße 17
Singen D78224 Germany
T: +49 (0) 77 31 - 792 0
F: +49 (0) 77 31 - 792 500

CANADA

Wachs Canada Ltd® Eastern Canada Sales, Service & Rental Center

1250 Journey's End Circle, Unit 5
Newmarket, Ontario L3Y 0B9
Canada
T: +1.905.830.8888
F: +1.905.830.6050
Toll Free: 888.785.2000

Wachs Canada Ltd® Western Canada Sales, Service & Rental Center

5411 82 Ave NW
Edmonton, Alberta T6B 2J6
Canada
T: +1.780.469.6402
F: +1.780.463.0654
Toll Free: 800.661.4235

UNITED KINGDOM

Wachs UK® UK Sales, Service & Rental Centre

Units 4 & 5 Navigation Park
Road One, Winsford Industrial Estate
Winsford, Cheshire CW7 3RL
United Kingdom
T: +44 (0) 1606 861 423
F: +44 (0) 1606 556 364

UNITED ARAB EMIRATES

Wachs Middle East & Africa Operations® E.H. Wachs

PO Box 262543
Jebel Ali Free Zone South
Dubai FZS 5, ACO6
United Arab Emirates
T: +971 4 88 65 211
F: +971 4 88 65 212

INDIA

ITW India Private Limited

Indialand Global Industrial Park
Sr. No.234/235/245, Plot 8, Gala No. 7
Hinjawadi-Phase-1
Tal-Mulshi, Pune 411057 India
T: +91 40 30261812
F: +91 40 30480815

CHINA

ITW Welding China E.H. Wachs / Orbitalum Sales

New Caohejing International Business Centre
Room 2801-B, Building B
No 391 Gui Ping Road
Shanghai 200052, China
T: +86 (0) 21 52 30 37-51
F: +86 (0) 21 52 30 37-58

WACHS Utility Products
A Division of **ITW**

The Valve Maintenance Experts™

www.turnvalves.com

© 2018 UTY 1118 Printed in USA