

Complete System

Built to Exercise and Rehabilitate
Your Valves and Hydrants

STANDARD LX
VALVE MAINTENANCE SYSTEM
GAS MODEL (SHOWN) [77-000-55]
DIESEL MODEL [77-000-54]

The Wachs Valve Maintenance System has all the tools for water distribution preventative maintenance. Built for safe operation, a two-person crew can find valves, wash out valve boxes, and safely exercise and rehabilitate valves up to 13 feet away with the ERV-750 valve exerciser with the built-in automation. The included handheld computer with VITALS® Software records the valve info and status for transfer back to headquarters.

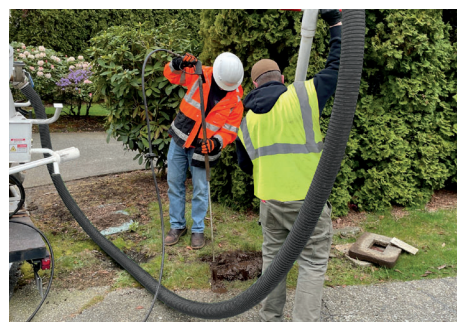
This versatile platform can be mounted to a medium-duty truck with a flatbed or a heavy duty truck with a custom service body. The *Grand* upgrade option of this system is the heavy duty Wachs TM-7 HD Plus valve exerciser (2,500 ft-lb torque) to be used in emergencies on stuck and stubborn street valves.

FEATURES

- Ready to bolt down and run
- Curbside control for improved operator safety
- ERV-750 valve exerciser
 - Ideal for preventative maintenance and rehabilitation
 - Reach curbside valves
 - Operate multiple valves and hydrants from a single location
- Vacuum System
 - Capture debris and spoils from valve boxes
- HTMA Class II hydraulic circuit
 - 10 gal reservoir
 - Fan-cooled heat exchanger
 - 45 ft hoses w/ reel
- Rugged TC-100 handheld computer
 - VITALS® Valve Software Preloaded
 - Bluetooth & Cable Connectivity
- LX LED Light Package
 - Control Panel
 - Programmable Arrow Board
 - Directional spot lights
- Pressure washer system
 - Short wash down gun
 - Long hydro excavation gun
 - 95 gal water tank/reservoir
 - 50ft retractable hose w/ reel
- Heavy Duty Frame with Storage
- Fits medium duty standard and wide-body flatbed trucks



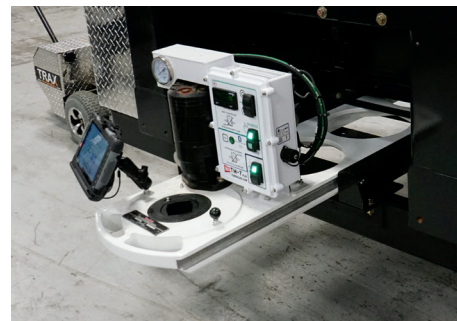
With the ERV-750 extended reach valve exerciser an operator can turn multiple nearby valves without moving the vehicle



A two-person crew can excavate and vacuum debris from valve boxes for easy access



The Standard LX skid can be mounted on trucks from a medium duty flatbed up to a heavy-duty custom service body



Optional TM-7 HD Plus valve operator provides 2500 ft-lb of torque for turning large valves

SPECIFICATIONS

ERV-750

- » Bluetooth Connectivity
- » Remote and Wireless Operation
- » Hydraulic
- » Integrated automation circuitry
- » Up to 750 ft-lb torque
- » Mount point and center pivot feature locking disc brakes
- » 270° lateral range of motion from base
- » 300° lateral range from center pivot

VACUUM SYSTEM

- » 500 CFM-11 inch Hg positive displacement blower
- » 250 Gal spoils tank
- » Push-button hydraulic slide, lift, and dump action
- » Automatic latching doors
- » Quick change connections
- » 3 in x 20 ft flexible vacuum hose
- » Handles on hose connection
- » 2-1/2 inch suction wand
- » 1-1/4 inch suction wands
- » 7/8 inch suction wands
- » Elbow Connector

LIGHT BAR

- » Programmable Arrow Board
- » Dual LED Spotlights
- » Control Panel integration

HYDRAULIC HOSE REEL

- » 45 ft X 1/2 inch diameter hydraulic hose set w/quick disconnects
- » Spring retractable
- » Top roller wheel

HTMA CLASS II HYDRAULIC CIRCUIT

- » 10 gal reservoir
- » Fan-cooled Heat Exchanger
- » 8 gpm @ 2000 PSI

2.5 GPM @ 3000PSI PRESSURE WASHER

- » 20 in short gun-style wash-down wand
- » 53 in long gun-style high-pressure wand with adjustable spray
- » 45 ft hose reel
- » 95 gal water tank
- » 3 gal antifreeze reservoir

TC-100 RUGGEDIZED HANDHELD COMPUTER

- » IP68 Rated
- » MIL-STD-810 Military Grade
- » Windows 10 IoT Enterprise
- » 7 inch display
- » Built-in GPS
- » VITALS preloaded
- » 12v vehicle charging cable
- » USB sync cable
- » Machine control cable
- » Screen protector

ENGINE OPTIONS

GAS POWER [77-000-55]

- » 27 HP Kohler overhead cam, air-cooled engine
- » 10 gallon, hydro formed and rolled DOT approved aluminum fuel tank

DIESEL POWER [77-000-54]

- » Tier 4F compliant, Kubota 1.1L, I-3 4-stroke, liquid cooled, IDI diesel engine
- » 10 gallon (38 L), hydro formed and rolled DOT approved aluminum fuel tank

VALVE KEY OPTIONS

COLD CLIMATE TELESCOPING VALVE KEY

- » 24lb (10.9 kg)
- » T-handle Adapter
- » Rated for 800 ft-lb torque
- » 1 inch interface 4 ft - 9 ft

WARM CLIMATE TELESCOPING VALVE KEY

- » 24lb (10.9 kg)
- » T-handle Adapter
- » Rated for 800 ft-lb torque
- » 2 inch interface 3 ft - 8 ft

UPGRADES

TM-7 HD PLUS (GRAND OPTION A)

[17-405-00]

- » Bluetooth Connectivity
- » Remote, Wireless, and Manual Operation
- » Hydraulic
- » Integrated automation circuitry
- » Up to 2,500 ft-lb torque
- » Digital Revolution Counter
- » Torque Output Gauge
- » 8 ft valve key

— OR —

DRIVER SIDE JOB BOX (OPTION B)

[77-409-00]

- » Polished Aluminum
- » Diamond Plate Pattern
- » Lockable Storage



The ruggedized TC-100 handheld computer / wireless controller / datalogger provides intuitive remote exerciser control

ACCESSORIES

45 LB HYDRAULIC BREAKER [08-000-10]

- » 5 in x 11 in Asphalt Cutter [08-410-01]
- » 14 in Moil Point [08-410-02]
- » 3 in x 14 in Long Chisel [08-410-03]
- » Locking Hydraulic Breaker Mount for trailer [08-405-00]

TRIMBLE R2 [79-412-02]

- » GNSS receiver for centimeter level GPS

VALVE NUT RX [08-000-15]

VALVE BOX BUDDY [08-000-26]

WDP3500 DEWATERING PUMP [08-000-03]

- » 3 in discharge hose

WTP4800 TRASH PUMP [08-000-04]

- » 4 in discharge hose

WARRANTY

E.H. Wachs machine tools and their associated parts are warranted against defects in materials and workmanship for a period of twelve months from the date of purchase. E.H. Wachs expressly reserves the right to repair or replace only those parts which prove to have been defective at the time of purchase. This warranty becomes void if maximum flow and pressure ratings are exceeded.

CONTACT US TODAY FOR A DEMONSTRATION OR QUOTATION

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Improve your water distribution system reliability today with a Wachs Valve Maintenance System