

SAM, RAM, AWT, SCALEBREAK

Технические характеристики

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SAM-3 Firetube Boiler Tube Cleaning Kit • SAM-3-20-DELUXE-2-1/2



Product Overview

Complete boiler tube cleaning kit.

The Goodway Soot-A-Matic®, is the world's most popular system for cleaning firetube boilers, and this complete kit gives you everything you need on one. The SAM-3 unit is compact, portable, and easy to use. One operator can thoroughly clean a boiler in a fraction of the time required by other cleaning methods - all by flipping a switch. Interchangeable bayonet nozzles and cleaning tools are available to fit tubes 1 3/8"-4" (35-102mm) O.D. The SAM-3 uses a cleaning tool mounted to the tip of a 26' (7.9m) spring steel tape. A trigger switch controls the tape feed. The operator inserts the nozzle into the boiler tube and pushes the trigger forward. The cleaning tool travels the full distance of the tube at more than 3' (0.9m) per second, loosening soot and scale. The operator pulls the trigger back for cleaning tool return and moves to the next tube. The kit simultaneously removes loosened deposits, leaving tubes clean. This kit also includes the GTC-540 industrial soot vacuum and accessories.

What's Included

SAM-3 boiler cleaning kit includes:

- 1 x SAM-3 Tube Punching Machine
- 1 x GTC-540 Soot-Vac Vacuum (specify capacity)
- 12 x GTC-151 brush (select size)
- 1 x GTC-167 clean-up tool

- 1 x SC-682 carry case
- 1 x Poly-20-25 collection bags (with 20-gallon tank option only)

Product Features

- Complete boiler tube cleaning kit
- Simple to operate - minimal training required
- Spring steel tape - long life
- Interchangeable cleaning tools - versatile
- Carrying handle and stand - easy transport and storage
- Simultaneous vacuum - removes deposits
- Trigger switch and brush travel indicator - better brush control
- Motor power: HP (0.4 kW)
- Input power: Standard: 7 amps, 115 V AC (Optional: 3.5 amps, 230 V)
- Tape length: 26' (7.9m) Vacuum hose: 2" (51mm) diameter x 12' (3.7m) long
- Dimensions: 21" (550mm) long (without nozzle)
- Weight: 38 lbs (17 kg) Optional carrying case: 24" (610mm) high x 28" (710mm) wide x 9" (230mm) deep

RAM-4X-KIT Heavy-Duty Turbine Firtube Boiler Cleaning System

• RAM-4X-60-15-KIT



Product Overview

The RAM-4X Firtube Boiler Cleaning System is equipped with a full 1 HP (0.75 kW) drive motor. It uses a cleaning tool mounted to the tip of a heavy-duty flexible shaft and a simultaneous vacuum to remove scale and other deposits from boiler tubes 1" (25.4mm) I.D. and up.

What's Included

RAM-4X Kit includes:

- RAM-4X Firtube boiler cleaning system
- Mobile dolly
- Tool storage box
- Footswitch
- Dry pickup attachment
- 2" x 12' hose, 18" straight bayonet nozzle, 25' GTC-721G flexible shaft, spring filled brush
- GTC-540 series vacuum

Product Features

- Simple to operate - minimal training required
- Stainless steel construction - long life
- Interchangeable cleaning tools - versatile

- Large wheels - easy to move
- Simultaneous vacuum - removes deposits
- Foot switch activation - safe operation
- Flexible Shaft Speed: 1,725 rpm (can be decreased to 862.5 rpm by changing pulley ratio
- request 2:1 ratio drive for greater torque)
- Motor Power: 1 HP (0.75 kW)
- Input Power: 13 amps, 115 V, 60 Hz AC (Optional: 13 amps, 115 V, 50 Hz; 6.5 amps, 230 V, 60 Hz; or 6.5 amps, 230 V, 50 Hz)
- Dimensions: 37" (940mm) high x 20" (510mm) wide x 17" (430mm) deep
- Weight: 59 lbs (27 kg) net dry

SAM-3 Firetube Boiler Cleaning System • SAM-3 2-1/2



Product Overview

Industrial FireTube Boiler System.

If saving on fuel costs and driving boiler efficiency is a priority to you, Goodway boiler tube cleaners are a great solution. A cornerstone of Goodway, the Soot-A-Matic™ firetube boiler cleaner was first introduced over 30 years ago. Now in its third generation as the SAM-3, it is the world's most popular firetube boiler cleaning system. The unit is compact, portable and easy to use. One operator can thoroughly clean a boiler in a fraction of the time required by other cleaning methods - all by flipping a switch. Interchangeable bayonet nozzles and cleaning tools are available to fit tubes 1-3/8"-4" (35-102mm) O.D. The SAM-3 uses a cleaning tool mounted to the tip of a 26' (7.9m) spring steel tape. A trigger switch controls the tape feed. The operator inserts the nozzle into the boiler tube and pushes the trigger forward. The cleaning tool travels the full distance of the tube at more than 3' (0.9m) per second, loosening soot and scale. The operator pulls the trigger back for cleaning tool return and moves to the next tube. When you connect a GTC-540 SootVac™ vacuum (sold separately) to the tube through the SAM-3, it also simultaneously removes loosened deposits.

What's Included

SAM-3 Boiler Tube Cleaner includes:

- SAM-3 firetube boiler cleaner with tape
- 2" x 12' vacuum hose

Product Features

- Simple to operate - minimal training required
- Spring steel tape - long life
- Interchangeable cleaning tools - versatile
- Carrying handle and stand - easy transport and storage
- Simultaneous vacuum - removes deposits
- Trigger switch and brush travel indicator - better brush control
- SAM-3A is CE certified
- Motor Power: HP (0.4 kW)
- Input Power: Standard: 7 amps, 115 V AC (Optional: 3.5 amps, 230 V)
- Tape Length: 26' (7.9m)
- For tubes 1-3/8"-4" (35-102mm) O.D
- Vacuum Hose: 2" (51mm) diameter x 12' (3.7m) long
- Dimensions: 21" (550mm) long (without nozzle)
- Weight: 38 lbs (17 kg)
- Optional Carrying Case: 24" (610mm) high x 28" (710mm) wide x 9" (230mm) deep

Heavy Duty Tube Cleaner • RAM-4X-60



Product Overview

The impressive RAM-4X Tube Cleaner is equipped with a full 1 HP (0.75 kW) drive motor. It uses a cleaning tool mounted to the tip of a heavy-duty flexible shaft to remove hard deposits and scale from tubes/pipes 1" (25.4mm) I.D. and up. Flexible shafts and accessories are available for either WET or DRY applications. For wet applications, the unit feeds water through the casing to the cleaning tool, flushing out deposits as they are loosened. For dry applications, the GTC-DPA Dry Pickup Attachment and a simultaneous vacuum are used to remove loosened deposits.

What's Included

RAM-4X Tube Cleaner includes:

- RAM-4X Heavy-Duty Tube Cleaner
- Mobile dolly
- Tool storage box
- Footswitch

Product Features

- Simple to operate - minimal training required
- Stainless steel construction - long life
- Interchangeable cleaning tools - versatile
- Large wheels - easy to move
- Simultaneous water flush or vacuum - removes deposits
- Foot switch activation - safe operation

- RAM-4XA-50HZ is CE certified
- Flexible Shaft Speed: 1,725 rpm (can be decreased to 862.5 rpm by changing pulley ratio
- request 2:1 ratio drive for greater torque)
- Motor Power: 1 HP (0.75 kW)
- Input Power: Standard: 13 amps, 115 V, 60 Hz AC (Optional: 13 amps, 115 V, 50 Hz; 6.5
amps, 230 V, 60 Hz; or 6.5 amps, 230 V, 50 Hz)
- Dimensions: 37" (940mm) high x 20" (510mm) wide x 17" (430mm) deep
- Weight: 59 lbs (27 kg) net dry



BIG RESULTS COME IN SMALL PACKAGES

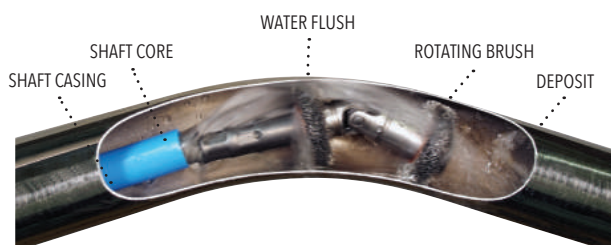
FOR TUBES 1" I.D. AND UP



AWT-100 Compact and Powerful

For situations where electricity is not available or desirable, the air-powered AWT-100 is up to the task. Both portable and lightweight, the AWT-100 is perfect for tight spaces and remote locations.

With the appropriate cleaning tool attached, the flexible shaft will loosen unwanted deposits while the shaft casing provides water to flush out the loosened debris for better system efficiency. The unit also does double duty as a dry tube cleaner when accompanied by a Dry Pickup Attachment and Vacuum (See page 18 for details on the Dry Pickup Attachment and Vacuum).



RECOMMENDED:

For better air regulation and quality, plus longer motor life, we recommend the combination air lubricator, filter and regulator unit.

SEE PAGE 23



GTC-705-4

FEATURES

- Air-powered
- Compact
- Speed/torque control to set shaft rotation to optimum speed for each application
- Quick connect threadless shaft manifold
- Interchangeable cleaning tools
- Simultaneous water flush
- Foot switch activation

AWT-100: Air-powered Tube Cleaner, including adjustable speed/torque control, quick connect air and water fittings, and single-direction foot switch.....

Note: See pages 22-25, 27-29, 32-33, 36-41 for accessories.

AWT-100

Motor Power	Up to 1.5 HP depending upon air pressure and volume
Air Requirements	Minimum 60 PSI at 15 CFM, Maximum 100 PSI at 70 CFM
Flexible Shaft Speed	Adjustable, 500-3,000 rpm
Water Requirements	Minimum 30 PSI at 2 GPM
Dimensions	10 3/8" high x 6" wide x 19" deep
Weight	29 lbs net dry

ELIMINATE DEPOSITS WITH AIR-POWERED PERFORMANCE

FOR TUBES 1" I.D. AND UP



AWT-100X Air-powered Performance

The AWT-100X has power and versatility to clean virtually any tube or pipe in either wet or dry modes (see page 18 for details on the Dry Pickup Attachment and Vacuum). You control the speed and torque of the unit's flexible shaft to suit your application.

A variety of cleaning tools are available for the different kinds of deposits you face. For superior air-powered technology that handles all your tough cleaning applications, this unit will blow you away.

AWT-100X	
Motor Power	Up to 4 HP depending upon air pressure and volume
Air Requirements	Minimum 60 PSI at 85 CFM, Maximum 100 PSI at 130 CFM
Flexible Shaft Speed	Adjustable, 500-3,000 rpm
Water Requirements	Minimum 30 PSI at 3 GPM
Dimensions	37" high x 20" wide x 17" deep
Weight	54 lbs net dry

FEATURES

- Air-powered
- Stainless steel construction
- Air lubricator
- Speed/torque control to set shaft rotation to optimum speed for each application
- Quick connect threadless shaft manifold
- Interchangeable cleaning tools
- Integrated dolly
- Simultaneous water flush
- Foot switch activation

AWT-100X-ID: Heavy-Duty Air-powered Tube Cleaner, including air lubricator, adjustable speed/torque control, mobile dolly, tool storage box and single-direction foot switch

Note: See pages 22-25, 27-29, 32-33, 36-41 for accessories..

RECOMMENDED

ASH-B50-G: Air Supply Hose, 1/2" x 50'

CONTRACTOR DOLLY

The AWT-100X is available with an integrated contractor dolly for total mobility at multiple job locations.

RAM-DOLLY-C: Heavy-Duty Contractor Dolly.....

Note: Available for upgrade with a machine.

SPECIALTY TOOLS



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