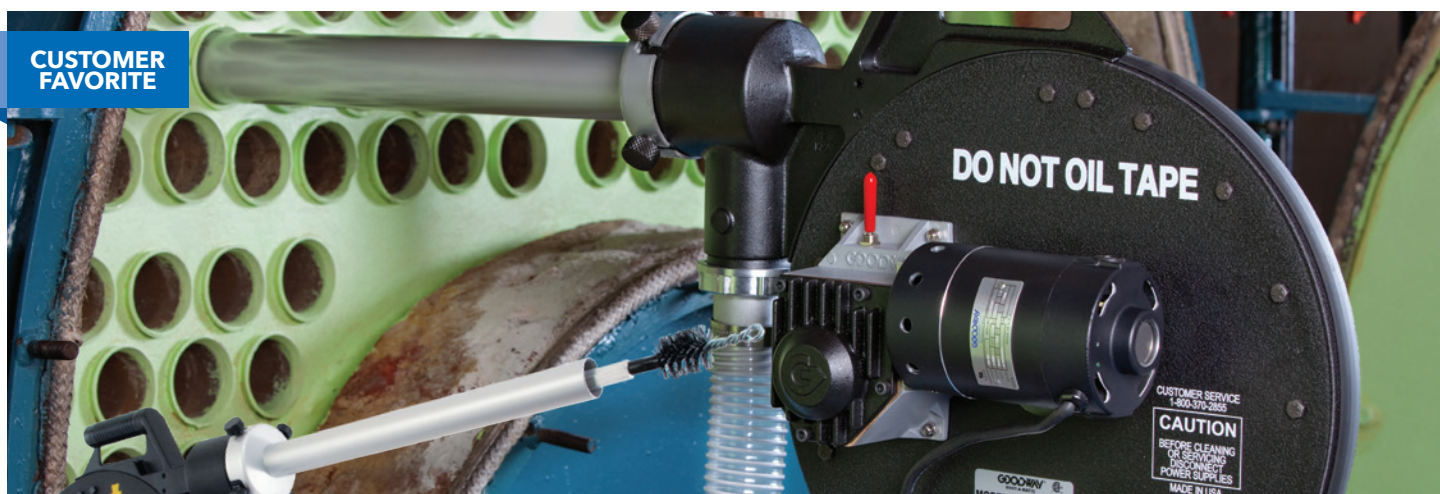


# GLOBAL CHOICE FOR BOILER TUBE CLEANING

**CUSTOMER  
FAVORITE**



## SAM-3 - Easy Operation

You might as well be burning money if you're allowing soot to collect in your boiler firetubes. At five times the insulating value of asbestos, just a small amount of soot can cause dramatic heat loss and substantially increase fuel consumption. Now in its 3rd generation, the SAM-3 Firtube Boiler Cleaner removes soot and scale in almost no time, enabling your system to run at optimal efficiency.

A cleaning tool mounted to a 26' spring steel tape does the dirty work of loosening soot buildup, while an in-line vacuum attachment handles clean-up duties. All you have to do is flip the switch. It's that easy. And yes, it's that efficient.

**SAM-3:** SAM-3 Firtube boiler cleaner with tape, 2" x 12' vacuum hose, Bayonet Nozzle, and brush ..... **Call for Price**

### FEATURES

- Spring steel tape
- Auto feed trigger switch
- Brush travel indicator
- Interchangeable cleaning tools
- Simultaneous vacuum to remove deposits
- Carrying handle and stand

### DEPOSITS AND BOILER PERFORMANCE

Soot in Boiler Tubes	Heat Loss	Increased Fuel Consumption
1/32"	12%	2 1/2%
1/16"	24%	4 1/2%
1/8"	47%	8 1/2%

### SAM-3

Motor Power	1/2 HP
Input Power	Standard: 7 amps, 115V, 50/60 Hz AC Optional: 3.5 amps, 230V, 50/60 Hz
Tape Length	26'
Power Supply Cord	25', 18-3
Vacuum Hose	2" diameter x 12' long
Dimensions	21 1/2" long (without nozzle)
Weight	38 lbs
Optional Carrying Case	24" high x 28" wide x 9" deep

### BOILER CLEANING SYSTEMS (WITH VACUUMS)

**SAM-3-20-KIT:** Boiler Firtube Punching Machine, including a 2" x 12' hose, 18" Straight Bayonet Nozzle (specify diameter), brush and GTC-540-20SS SootVac® Vacuum ..... **Call for Price**

**SAM-3-15-KIT:** Boiler Firtube Punching Machine, including a 2" x 12' hose, 18" Straight Bayonet Nozzle (specify diameter), brush and GTC-540-15SS SootVac Vacuum ..... **Call for Price**

**SAM-3-30-KIT:** Boiler Firtube Punching Machine, including a 2" x 12' hose, 18" Straight Bayonet Nozzle (specify diameter), brush and GTC-540-30DD SootVac Vacuum ..... **Call for Price**

**SAM-3-55-KIT:** Boiler Firtube Punching Machine, including a 2" x 12' hose, 18" Straight Bayonet Nozzle (specify diameter), brush and GTC-540-55DD SootVac Vacuum ..... **Call for Price**

**Note:** See Tube Sizes Chart on pages 38-41 for nozzle and brush sizes.



**GOODWAY®**  
INNOVATIVE MAINTENANCE SOLUTIONS

**Call: 1-800-333-7467**

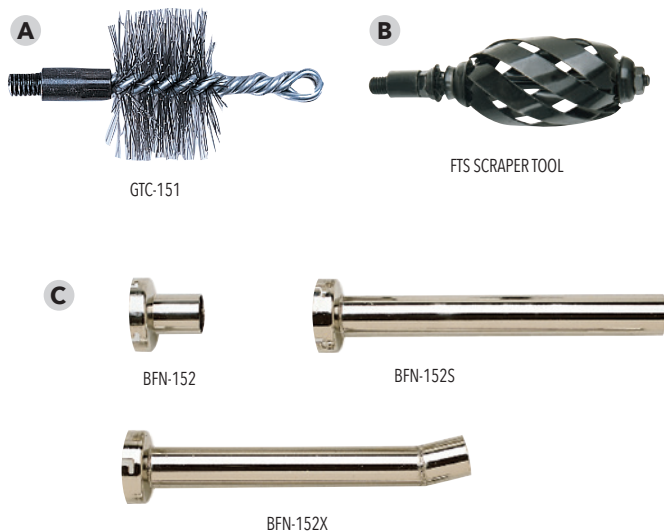
**Visit: [www.goodway.com](http://www.goodway.com)**

**Goodway Technologies Corporation**

420 West Avenue, Stamford, CT 06902-6384 U.S.A.

Phone: 203-359-4708 • Fax: 203-359-9601 • [goodway@goodway.com](mailto:goodway@goodway.com)

# MUST HAVE SAM-3 ACCESSORIES



## A. STEEL BRUSHES:

Steel brushes are recommended for removing soot and light scale deposits.

**GTC-151:** Steel brushes for tubes 1 3/8", 1 5/8", 2", 2 1/2", 3", 3 1/2" or 4" O.D. .... **Call for Price**

## B. FTS SCRAPER TOOLS:

FTS Scraper Tools are medium action, spring-loaded tools. They are used for removing light scale deposits in boiler firetubes when steel brushes do not remove all deposits. Ferrule extension required.

**FTS-200:** Scraper Tool for tubes 2" O.D. .... **Call for Price**

**FTS-250:** Scraper Tool for tubes 2 1/2" O.D. .... **Call for Price**

**FTS-300:** Scraper Tool for tubes 3" O.D. .... **Call for Price**

## FERRULE EXTENSIONS:

Scraper tools require ferrule extensions. Select the ferrule extension to match the bayonet nozzle in use.

**FE-375:** Ferrule Extension for scraper tools when using BFN-152 Short Bayonet Nozzles .... **Call for Price**

**FE-2100:** Ferrule Extension for scraper tools when using BFN-152S or BFN-152SA Straight Bayonet Nozzles .... **Call for Price**

**Note:** Scraper tools cannot be used with BFN-152X or BFN-152XA Offset Bayonet Nozzles.

## CARRYING CASE:

**SC-682:** Carrying case for SAM-3 Boiler Firetube Punching Machine and accessories .... **Call for Price**



## C. STANDARD BAYONET NOZZLES:

**BFN-152:** Short Bayonet Nozzle, 3 1/2" long for tubes 1 3/8", 1 5/8", 2", 2 1/2", 3" or 3 1/2" O.D. .... **Call for Price**

**BFN-152S:** Straight Bayonet Nozzle, 18" long for tubes 1 3/8", 1 5/8", 2", 2 1/2", 3" or 3 1/2" O.D. .... **Call for Price**

**BFN-152SA:** Straight Bayonet Nozzle, 18" long with ferrule extension for tubes 4" O.D. .... **Call for Price**

**BFN-152X:** Offset Bayonet Nozzle, 18" long for tubes 1 3/8", 1 5/8", 2", 2 1/2", 3" or 3 1/2" O.D. .... **Call for Price**

**BFN-152XA:** Offset Bayonet Nozzle, 18" long with ferrule extension for tubes 4" O.D. .... **Call for Price**

**Note:** Contact factory if longer Straight or Offset Bayonet Nozzles are needed for your application.

**Note:** When ordering bayonet nozzles or brushes, specify part number and size according to the table (order by tube O.D.). Bayonet nozzle and brush diameters will fit tube I.D.

TUBE SIZES	
Standard Boiler O.D. Size	Approximate Boiler I.D. Size
1 3/8"	1 1/4"
1 5/8"	1 1/2"
2"	1 3/4"-1 7/8"
2 1/2"	2 1/4"-2 3/8"
3"	2 3/4"-2 7/8"
3 1/2"	3 1/4"
4"	3 3/4"