

SAM-3 Accessories

Tube Sizes

Standard Boiler O.D. Size	Approximate Boiler I.D. Size
1 3/8" (35mm)	1 1/4" (32mm)
1 5/8" (41mm)	1 1/2" (38mm)
2" (51mm)	1 3/4"-1 7/8" (44-48mm)
2 1/2" (64mm)	2 1/4"-2 3/8" (57-60mm)
3" (76mm)	2 3/4"-2 7/8" (70-73mm)
3 1/2" (89mm)	3 1/4" (83mm)
4" (102mm)	3 3/4" (95mm)



GTC-151



FTS Scraper Tool



JTS Scraper Tool



BFN-152

BFN-152S

BFN-152X



SC-682
Carrying
Case



GTC-167

GTC-167

VAC-049QD

POLY-30-25

PDL-30



GTC-170S QD

Steel Brushes and Scraper Tools

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" (35mm, 41mm, 51mm, 64mm, 76mm, 89mm or 102mm) O.D.

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" (51mm) O.D.

FTS-250 Scraper Tool for tubes 2 1/2" (64mm) O.D.

FTS-300 Scraper Tool for tubes 3" (76mm) O.D.

JTS Scraper Tools

JTS Scraper Tools consist of 48 scraping edges. These edges contact every portion of the tube wall with an aggressive scraping action. These tools should be allowed to pass completely through the tube before reversing direction. Ferrule extension required.

JTS-200 Scraper Tool for tubes 2" (51mm) O.D.

JTS-250 Scraper Tool for tubes 2 1/2" (64mm) O.D.

JTS-300 Scraper Tool for tubes 3" (76mm) O.D.

JTS-350 Scraper Tool for tubes 3 1/2" (89mm) O.D.

JTS-400 Scraper Tool for tubes 4" (102mm) O.D.

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 or BFN-152A Short Bayonet Nozzles

FE-2100 Ferrule Extension for scraper tools when using BFN-152S or BFN-152SA Straight Bayonet Nozzles

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

Standard Bayonet Nozzles

BFN-152 Short Bayonet Nozzle 3 1/2" (89mm) long for tubes 1 3/8", 1 5/8", 2", 2 1/2", 3" or 3 1/2" (35mm, 41mm, 51mm, 64mm, 76mm or 89mm) O.D.

BFN-152A Short Bayonet Nozzle 3 1/2" (89mm) long with ferrule extension for tubes 4" (102mm) O.D.

BFN-152S Straight Bayonet Nozzle 18" (460mm) long for tubes 1 3/8", 1 5/8", 2", 2 1/2", 3" or 3 1/2" (35mm, 41mm, 51mm, 64mm, 76mm or 89mm) O.D.

BFN-152SA Straight Bayonet Nozzle 18" (460mm) long with ferrule extension for tubes 4" (102mm) O.D.

BFN-152X Offset Bayonet Nozzle 18" (460mm) long for tubes 1 3/8", 1 5/8", 2", 2 1/2", 3" or 3 1/2" (35mm, 41mm, 51mm, 64mm, 76mm or 89mm) O.D.

BFN-152XA Offset Bayonet Nozzle 18" (460mm) long with ferrule extension for tubes 4" (102mm) O.D.

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.

Carrying Case

SC-682 Carrying Case for SAM-3 Boiler Tube Punching Machine and accessories

Vacuum Accessories

VAC-049QD Steel Crevice Tool with quick connect

GTC-167 Cleanup Tool with quick connect

GTC-167R Replacement Bristle for GTC-167 Cleanup Tool

GTC-168 Flat Surface Paw Scraper Tool with quick connect

GTC-170 Replacement Hose 2" x 12' (51mm x 3.7m) for Soot-A-Matic

GTC-170S QD Hose 2" x 12' (51mm x 3.7m) with sleeve, quick connect and washer

PDL-30 High Density Polyethylene Liner for 20 or 30 gallon (76 or 114 liter) drum

POLY-20-25 Disposable Polyethylene Bag (package of 25) for 20 gallon (76 liter) drum

POLY-30-25 Disposable Polyethylene Bag (package of 25) for 30 gallon (114 liter) drum

