

B&W Replacement Sootblower Tubular Products for Copes-Vulcan and Clyde Bergemann Sootblowers

The hidden cost of sootblower maintenance can add thousands of dollars to your annual operating costs. Routine inspections, reliable replacement parts and expert service can help avoid premature failure caused by poor quality welds or improper nozzle or material selection.

Babcock & Wilcox (B&W) is a trusted supplier of boiler cleaning solutions, including sootblower tubular products that meet or exceed any original equipment manufacturer's design standards. We maintain an extensive inventory so we can provide quick delivery of high-quality components.

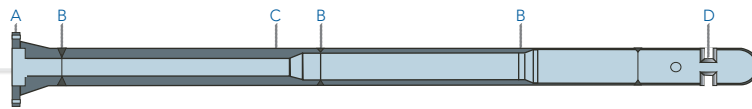
Features

- Engineered designs for required applications
- 100% X-ray critical weld joints
- Many sizes and configurations in stock

Benefits

- Reduced maintenance and operational costs
- Improved reliability
- Improved performance
- Quick delivery

Lance tubes



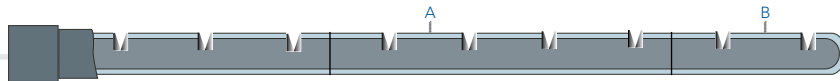
- A** Forged butt weld flange for added strength and reduced weld stress
- B** Full-penetration welds for reliability and strength, with radiographic testing (RT) to meet ANSI B31.1 RT acceptance criteria; 100% RT available upon request; all high-stress flange welds receive RT by default
- C** Lance tube wall thickness engineered for minimum deflection and longer service life
- D** Engineered custom 2-3-4 jet configurations, high-performance nozzles and convertible steam/water configurations available for improved cooling and cleaning

Feed tubes



- A** Split ring connection or threaded design
- B** Full-penetration butt weld
- C** Feed tubes constructed from stainless steel to close tolerances for proper carriage seal, or with Rc60 surface hardness for longer service life of feed tube and packing

Elements



- A** Mass or lane blowing configuration available
- B** Variety of materials available for different heat zones

Swivel tubes



- A** Full-penetration butt weld
- B** One-piece nozzle with back rake jet for improved cleaning of furnace wall tubes

Tube Order Data Sheet

Organization/Customer:		Key Contact/Title:	
Plant/Mill Name:		Phone Number:	
Plant/Mill Location:		E-Mail :	
Equipment Type:	Clyde Bergemann: US/RS <input type="checkbox"/> Clyde Bergemann Other: _____ Copes Vulcan: T20 <input type="checkbox"/> T30MK1 <input type="checkbox"/> T30MK2 <input type="checkbox"/> T30MK3 <input type="checkbox"/> D5E Rotary <input type="checkbox"/> Copes Vulcan Other: _____		
Boiler OEM / Unit Info:			
Boiler Unit #:			
Fuel Type:	Coal <input type="checkbox"/> Black Liquor <input type="checkbox"/> Wood <input type="checkbox"/> Biomass <input type="checkbox"/> Oil <input type="checkbox"/> Other _____		
Sootblower Location / Number:			

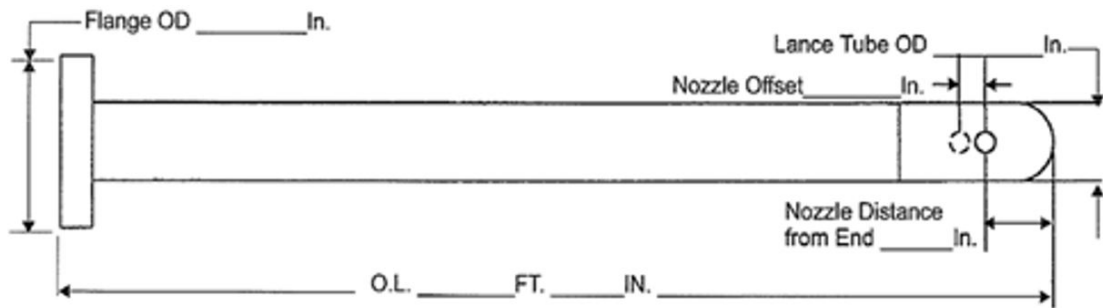
Retractable Sootblower Information

Blowing Medium:	Air <input type="checkbox"/> Steam <input type="checkbox"/>	Pressure / Temp:	_____ PSIG (BARG) _____ F (C)
Flue Gas Temperature @ Blower:	_____ F (C)	Blower Operating Pressure:	Positive <input type="checkbox"/> Negative <input type="checkbox"/>

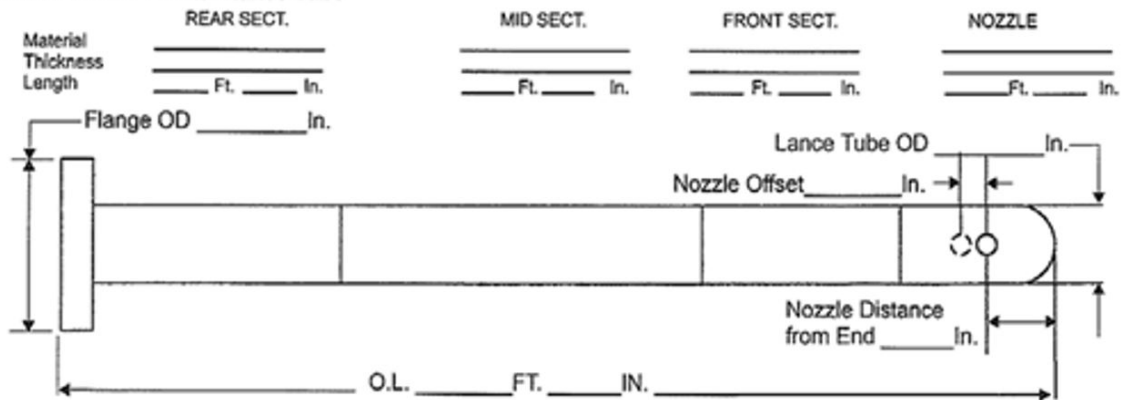
Lance / Nozzle Data

Lance Overall Length (OAL):		Lance OD:		Nozzle Type:	Standard <input type="checkbox"/> Gemini <input type="checkbox"/>
Number of Jets:		Nozzle Diameter:		Nozzle Offset:	

Three Inch Diameter Lance Tube

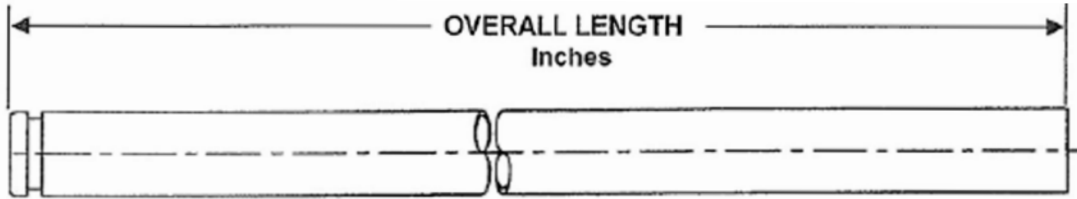


Four and Five Inch Diameter Lance Tube



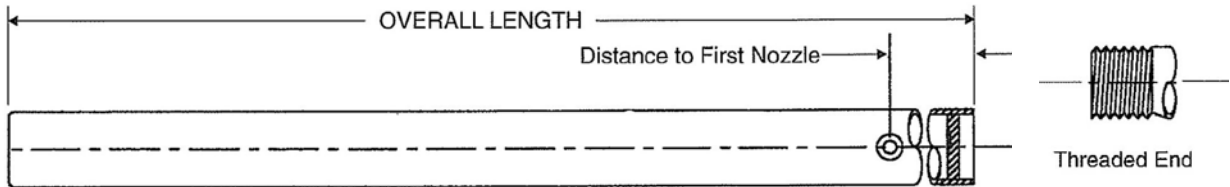
Feed Tube Data

Type:	CV <input type="checkbox"/> CB <input type="checkbox"/>	Insulated:	Yes <input type="checkbox"/> No <input type="checkbox"/>
Overall Length:		Material Type:	Diamonized Feed Tubes <input type="checkbox"/> Stainless Steel <input type="checkbox"/>
Tube O. D.:		Wear Beads:	



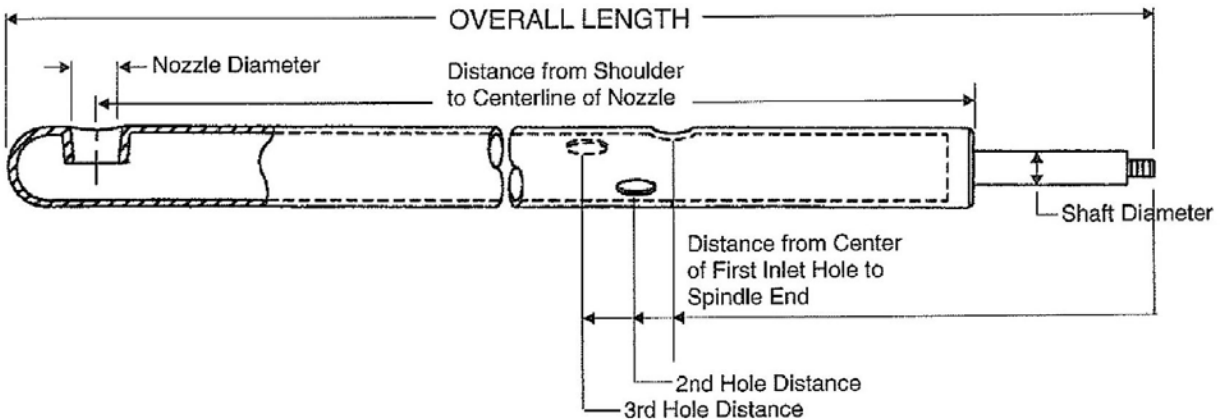
Element Data

Material:	Carbon Steel <input type="checkbox"/> Hyvuloy / Dialoy <input type="checkbox"/> Vulcrom / 310S <input type="checkbox"/>	Stainless Steel:	Grade
Element OAL:		Element OD:	1 1/2 in. <input type="checkbox"/> 2 in. <input type="checkbox"/>
Nozzle Material:		Nozzle Spacing:	
Nozzle Size:	1/4 in. <input type="checkbox"/> 5/16 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/>	Type:	Venturi <input type="checkbox"/> Straight <input type="checkbox"/>
Threaded End:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Type:	BS <input type="checkbox"/> NPT <input type="checkbox"/> UN <input type="checkbox"/>
		Coupling:	Yes <input type="checkbox"/> No <input type="checkbox"/>



Wall Blower Swivel Tube Data

Overall Length:		Nozzle Diameter:	
Nominal OD:		Shaft Diameter:	
Distance from Shoulder to Center Line of Nozzle:		2nd Hole Distance:	
Distance from Center of First Inlet Hole to Spindle End:		3rd Hole Distance:	





Contact your local sales representative, or call **1-800-354-4400** to reach our Global Parts & Service group around the clock. Our friendly, knowledgeable specialists can help source and deliver tubes, rebuilds or other equipment — whatever it takes to get you what you need, when you need it.

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