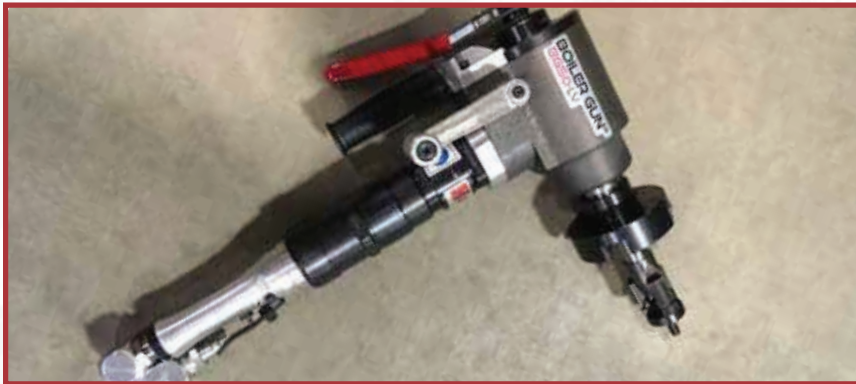


The **BG50 Boiler Gun** is a combination of power, versatility, and ease of use in a compact and lightweight package. Designed to perform on-site machining on boiler tubes or other pipe applications with speed and accuracy, delivering the optimal speed and torque combination to make short work of your tube prep projects.



## POWERFUL PERFORMANCE

**Powerful drive motors** make quick work of light-wall tubing and provide the torque needed for heavy-wall alloy tubes.

**Multiple RPM ranges available** with high-velocity (HV), low-velocity (LV), and electric (E) to cover a wide range of applications.

**Heavy duty gearset** increases machine longevity and provides the torque and speed required to perform a wide variety of end prep work.

**Heavy duty tapered roller bearings** for very rigid and smooth operation.

## VERSATILITY

**Pneumatic and Electric motor options** allow for machine use in any environment or facility.

**Two different locking systems available** - Collet or Wedge, giving you the best clamping capability for any application.

**Enhanced wedge design** with an integrated wedge system and captured retaining springs allows quick change of wedge extensions and prevents loss of spring.

**Anchor Grip™ collet system** provides superior gripping for applications such as stub removal, light wall tubing that cannot be deformed and tubing that cannot be contaminated with falling debris.

**'Speed Wheel'** allows wedge expansion using a star-wheel, which is faster in confined spaces.

**Both fixed and sliding tool holders available** allowing you to use the right tooling for each application.

**Flange Facing attachment option** quickly turns machine into flange facer with automatic radial feed.

**Elbow mandrels** accurately center and firmly lock the tool in place in pipe elbows or any application down 0.5 inch (12.7 mm) minimum depth.

**Corrosion resistant finish** applied to all external components prevents machine weathering and extends the life of the components.

## EASY TO USE

**Crank feed** allows for a fast and consistent feed for tough applications such as fin removal or for production.

**Comfort grip handle** allows for convenient transport and setup from job to job.

**Finer feed screws** make it easier to advance the feed, putting less burden on the operator and the machine.

**Drop Swivel Air Fittings** extend the life of the machine by reducing hose kinks and damage.

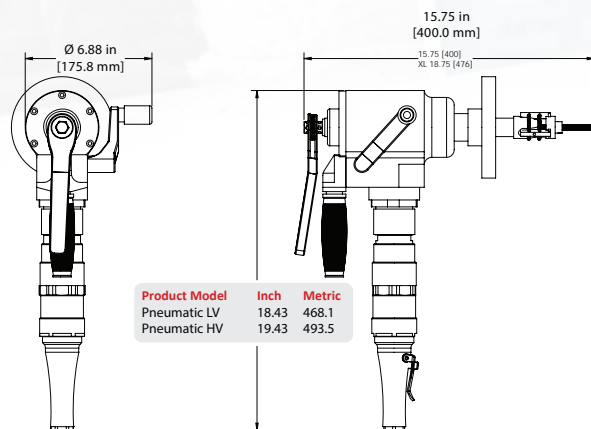
**Air Lock option** dramatically saves time on high-volume jobs by locking and unlocking the tool instantly with the flip of a valve.

**Heavy-duty storage case with foam inserts** protects the machine from damage on-site or in transit.

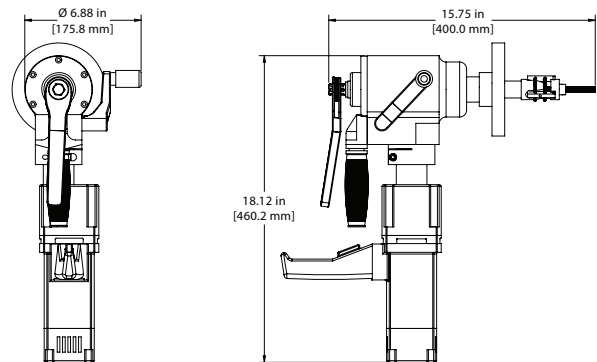
# BG50 BOILER GUN

	Pneumatic LV	Pneumatic HV	Electric
<b>Machine Performance Ranges</b>			
Working range	1.0 - 5.562 in (25.4 - 141.3 mm)	1.0 - 5.0 in (25.4 - 127.0 mm)	1.0 - 5.0 in (25.4 - 127.0 mm)
Radial tool clearance	2.75 in (69.8 mm)	2.75 in (69.8 mm)	2.75 in (69.8 mm)
Head width	4.0 in (101.6 mm)	4.0 in (101.6 mm)	4.0 in (101.6 mm)
Travel	1.25 in (31.8 mm)	1.25 in (31.8 mm)	1.25 in (31.8 mm)
<b>Drive System</b>			
Motor	1.3 hp (0.97 kw)	1.3 hp (0.97 kw)	1.5 hp (1.1 kw)
Recommended air pressure	90 psi (6.1 bar)	90 psi (6.1 bar)	N/A
Recommended volume	38 cfm (1.1m3/min)	38 cfm (1.1m3/min)	N/A
Speed	55 rpm	100 rpm	98/176 rpm
<b>Measures</b>			
Machine weight	32.0 lbs (14.5 kg)	30.0 lbs (13.6 kg)	31.0 lbs (14.1 kg)
Shipping weight	59.0 lbs (26.7 kg)	57.0 lbs (25.8 kg)	58.0 lbs (26.3 kg)
<b>Dimensions</b>			
Length (L x W x H)	Refer to dimensional drawing below		
Crate dimensions (L x W x H)	23 x 19 x 7 in (584.2 x 482.6 x 177.8 mm)		

## DIMENSIONAL DRAWING



Pneumatic Motor



Electric Motor

## H&S APPLICATIONS

### The Boiler Guns are used by these industries

- Power Generation
- Fossil-Fuel Power Stations
- Gas Turbine Power Plants
- Pulp and Paper Plants
- Chemical Processing Plants
- Oil Refineries
- Ship Yards
- Water and Wastewater Treatment

### Typical Applications

- Boiler tube repair
- Stud removal
- Pipe lines
- Seal weld removal