

# Canusa Atomizer Gun & Cartridge System

## For spraying HBE 3:1 (1000mL) and Liquid Epoxy Types 4:1 (940mL)

The Canusa Atomizer Gun is an advanced pneumatic dispenser designed to spray apply Canusa's two-component HBE for standalone corrosion protection systems, and/or Liquid Epoxy Types for 3-layer corrosion protection systems. The gun is capable of applying Canusa's liquid coatings faster, easier, with less clean up, with less applicator error and with minimal equipment maintenance vs. conventional brush and spray install methods. The Atomizer Gun and Cartridge System allow applicators to produce a coating thickness that is both consistent and repeatable.

The system design is made up of the following componentry: Canusa Atomizer Gun, Atomizer Cartridge, and Mixing Tip Nozzle (straight and 90° angle mixing tips available). Uses include coating mainline pipelines, rehabilitation projects, girth weld field joints, damage repairs to FBE, and pipeline valves, fittings or bends.

### Faster Application Times

- Using the Atomizer Gun and Cartridge System, Canusa's Liquid Epoxy products can be applied to large diameter girth weld field joints at high build thicknesses in less than 30 seconds.

### Automated Epoxy Mixing

- The pre-measured quantities of epoxy in the Atomizer Cartridge are automatically mixed in the chamber of the static Mixing Tip prior to spraying.

### Easy, Controlled and Repeatable

- The atomized liquid is applied onto the substrate surface with controlled fluid flow and air flow pressures yielding a consistent output volume from the gun. The apparatus is also lightweight and portable.

### No Clean Up

- Once the cartridge is empty, simply replace with a filled cartridge and continue spraying.

### High Build in Single Coat

- A single pass application direct-to-metal can achieve a high build coating thickness of 20-40mils (500-1000microns).



### Applications



Oil & Gas



3-Layer Systems



Water Pipelines



Repair & Rehab



Girth-Weld Joints



Fittings & Bends



# Canusa Atomizer Gun & Cartridge System

For Spraying HBE 3:1 (1000mL) and Liquid Epoxy Types 4:1 (940mL)

## Required System Components

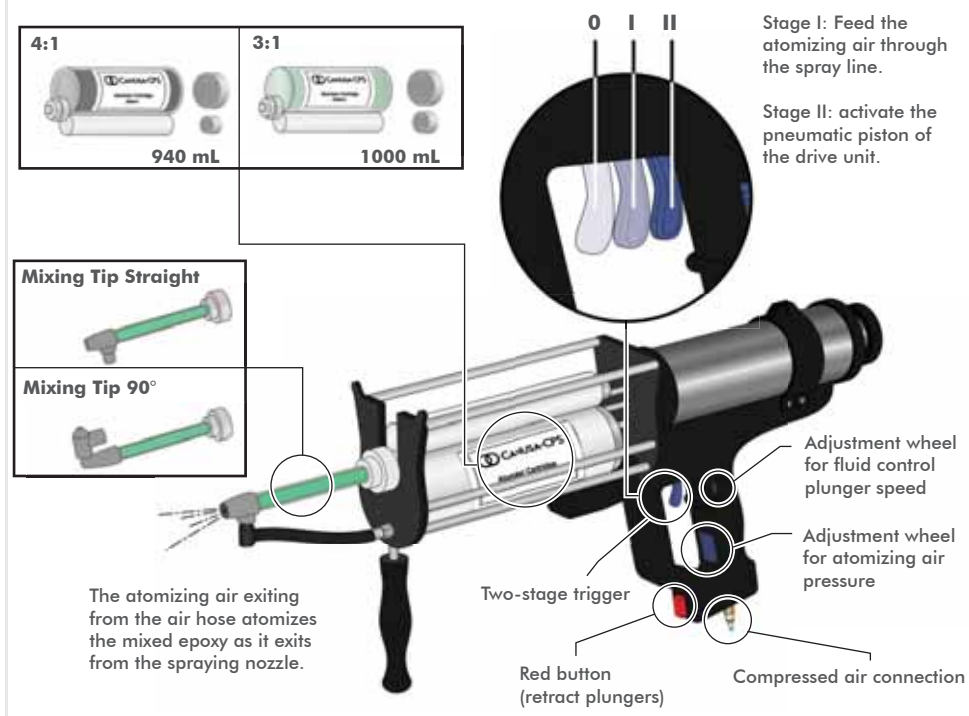
		
Atomizer Gun	Atomizer Cartridge	Mixing Tip Nozzle

## Cartridge Configurations

HBE Atomizer Cartridge (3:1) 1000mL – Standalone Corrosion Protection

Liquid Epoxy Type Atomizer Cartridge (4:1) 940mL – 3 Layer Corrosion Protection

## Overview of Dispenser



Since 1967, Canusa-CPS has been a leading developer and manufacturer of specialty pipeline coatings for the sealing and corrosion protection of pipeline joints and other substrates. Canusa-CPS high performance products are manufactured to the highest quality standards and are available in a number of configurations to accommodate many specific project applications.

The product information shown here is intended as a guide for standard products.

Consult your Canusa representative for specific projects or unique applications.



**Canusa-CPS**  
A division of ShawCor Ltd.

### Head Office

25 Bethridge Rd.  
Toronto, ON M9W 1M7 Canada  
Tel: +1 416 743 7111  
Fax: +1 416 743 5927

### Canada

Suite 3200, 450 - 1st Street S.W.  
Calgary, AB T2P 5H1 Canada  
Tel: +1 403 218 8207  
Fax: +1 403 264 3649

### Americas

2408 Timberloch Place, Building C-8  
The Woodlands, TX 77380 USA  
Tel: +1 281 367 8866  
Fax: +1 281 367 4304

### Europe, Middle East, Africa & Russia

Unit 3, Sterling Park,  
Gatwick Road, Crawley, West Sussex  
RH10 9QT United Kingdom  
Tel: +44 1293 541254  
Fax: +44 1293 541777

### Asia-Pacific

101 Thomson Road,  
#11-03 United Square  
307591 Singapore  
Tel: +65 6749 8918  
Fax: +65 6749 8919

**Canusa-CPS is registered to ISO 9001:2008**

Canusa warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the product data sheet when used in compliance with Canusa's written instructions. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith. Canusa's liability is stated in the standard terms and conditions of sale. Canusa makes no other warranty either expressed or implied. All information contained in this data sheet is to be used as a guide and is subject to change without notice. This data sheet supersedes all previous data sheets on this product. E&OE

PDS\_Atomizer\_Gun\_rev012