

HBE Atomizer and 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 Our 2-Component HBE For Standalone Corrosion Protection Systems, And/Or Liquid Epoxy Types For 3-Layer Corrosion Protection Systems.

The gun is capable of applying liquid coatings faster, easier, with less clean up, less applicator error and minimal equipment maintenance versus conventional brush and spray install methods. The atomizer gun and cartridge system allows 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

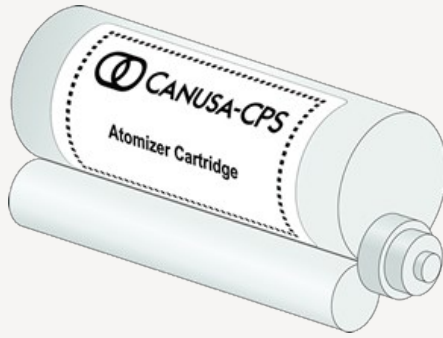
- A single pass application direct-to-metal can achieve a high build coating thickness of 20-40mils (500-1000microns)



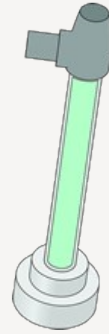
REQUIRED SYSTEM COMPONENTS



Atomizer Gun



Atomizer Cartridge



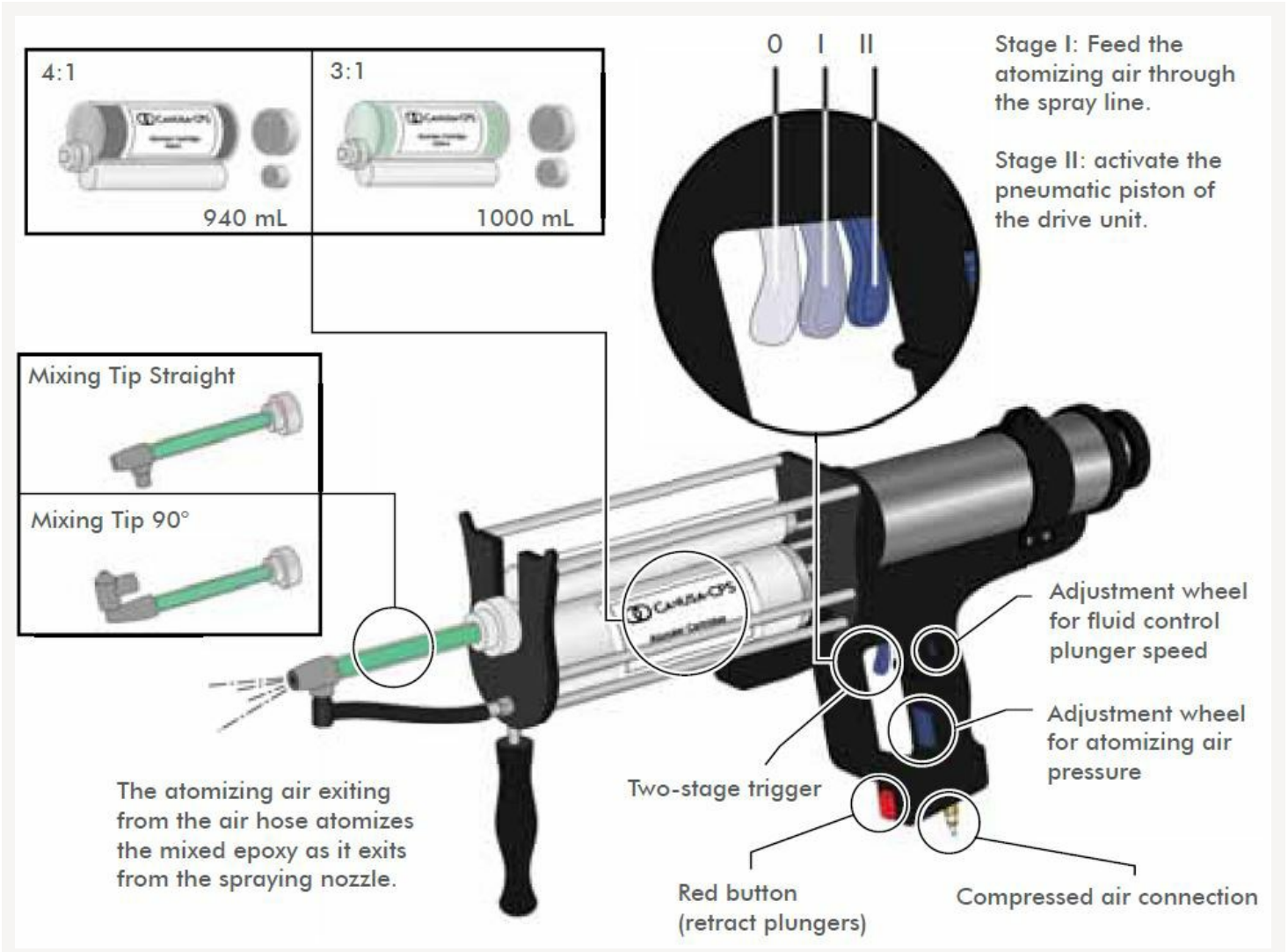
Mixing Tip Nozzle

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



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