



## **Advantages of Smith PDS-2000 Replacement Spray Bars**

**Small orifice (.018) nozzles** provide for less water per pulse and a much smaller water droplet, which eliminates water spotting. The orifice output is only 50% of the water per pulse output of other systems. Other systems typically spray excess water for most applications on newsprint or coated stocks.

**Waterproof, leak proof components** are provided inside the spray bar. Marine type **long life** coils and coil connectors are impervious to moisture. Other spray bars have valves that are susceptible to condensation and corrosion from fluid contact.

**Quick change solenoid valve assemblies** can be replaced in minutes without taking the entire bar apart. Other spray bars must be disassembled if other than the end valves must be replaced.

**Heavy-duty construction** for long life. Spray bars, custom mounting components are all manufactured from quality stainless steel. Others are lighter weight design with less durable materials such as fiberglass or plastic.

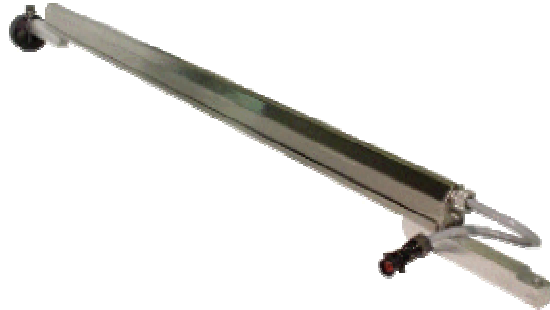
**Solution supply quick disconnect and electrical in-line connection cables** provided to match customers' existing equipment specifications.

**Quick release, ¼ turn nozzles** are provided with internal component retainer. Others have plunger and spring or nozzle filters that fall out when removed.

**Easy access slide covers** for the spray bar, which are quickly removed without tools. Other spray bars require unscrewing for access and replacement of gaskets each time a solenoid is changed.

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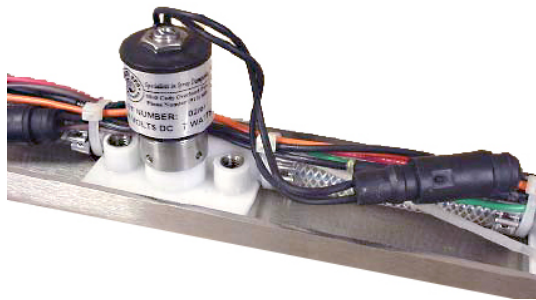
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Goss Colorliner replacement Spray Bar  
without water quick disconnect and deflectors  
(Typical Goss mounting hub shown on far side)

#### SPRAY BAR SPECIFICATIONS

- BRUSHED STAINLESS STEEL BOTTOM PLATE AND COVERS.
- ACETAL SOLENOID VALVE MOUNTING BODIES.
- STAINLESS STEEL MOUNTING FASTENERS.
- ELECTRICAL QUICK DISCONNECT – CUSTOM MANUFACTURED WITH CUSTOMERS EXISTING CONNECTOR SPECIFICATIONS
- SOLUTION SUPPLY QUICK DISCONNECT – CUSTOM MANUFACTURED WITH CUSTOMERS EXISTING CONNECTOR SPECIFICATIONS



Marine type **long life** coils and coil connectors

#### SOLENOID VALVE SPECIFICATIONS

- SPECIAL 24VDC 7 WATT COIL:
- EPOXY COATED SEALED TOP COIL
- DOUBLE POWDER COATED CAN ASSEMBLY 6", XLPE, 18 GA., 0.031" INSULATION PIGTAIL LEADS SEALS
- DOUBLE PASSIVATED 304 STAINLESS STEEL
- MAX OPERATING PRESSURE DIFFERENTIAL: 40 PSI
- 2 PIN MARINE GRADE WATERPROOF CONNECTORS



Quick release, ¼ turn nozzles

#### NOZZLE SPECIFICATIONS

- 303 DOUBLE PASSIVATED STAINLESS STEEL
- EPDM SEALS

#### Upgrade Available for Smith PDS-2000 Replacement Spray Bars

**PDS-2000 Spray Bars** may be upgraded with **independent, custom made shielding** that provides for cleaner bar operation and easy removal and replacement without cumbersome removal of attached shielding and the bar together. Custom shields also provide for maximum mist containment.

- STAINLESS STEEL
- CUSTOM DESIGNED
- HOUSING WITH SINGLE
- POINT SPRAY BAR
- ELECTRICAL AND WATER CONNECTION

