



The Uni-Roller® S2 supplies precision lubrication for top and bottom of coil stock at line speeds up to 500 ft/min (152 m/min). Ideal for stamping, roll forming, fine blanking, deep drawing and punching.

#### **Continuous stock lubrication**

The Uni-Roller® S2 lubricator is the ultimate solution for continuous stock lubrication. Combined with a SmartFlow® programmable fluid controller, the Uni-Roller® S2 will consistently apply the correct amount of fluid to both the top and bottom of your coil, day after day.

- Reduce lubricant consumption by 50% or more
- Cleaner floors & work area
- Quick-change rollers for easy maintenance

#### **Uni-Roller® S2 applications:**

- Punching
- Stamping
- Roll forming
- Fine blanking
- Deep drawing
- Application of rust preventives and other protective coatings

#### **Delivers return on investment in less than 6 months**

That's what many of our customers report. By applying the proper amount of fluid, the Uni-Roller® lubricator uses 50 to 90% less lubricant for coil lubrication. Plus it decreases the mess, the

parts cleaning, fluid recycling and costs associated with in-die spray systems, rag technology and externally lubricated rollers.

## The internally-supplied difference

The internally-supplied rollers are essential to precisely applying the fluid. Inside each of the rollers is a dispenser tube with small holes placed along its length. Fluid is injected into the dispenser tubes from the fluid controller and dispensed across the inside of the rollers.

The lubricant is transferred to the stock through durable polyester felt or polyurethane foam roller covers. These cover materials apply the lubricant smoothly and evenly across both the top and bottom of the stock.

The Uni-Roller® S2 Powered applies the exact amount of lubricant required. This eliminates the mess and waste associated with in-die spray systems and externally lubricated roller systems. The result is not only a cleaner shop, but also significant savings from decreased fluid waste, improved die life, better part quality and increased machine up-time. Many customers have reported savings resulting in a return on investment of less than six months!

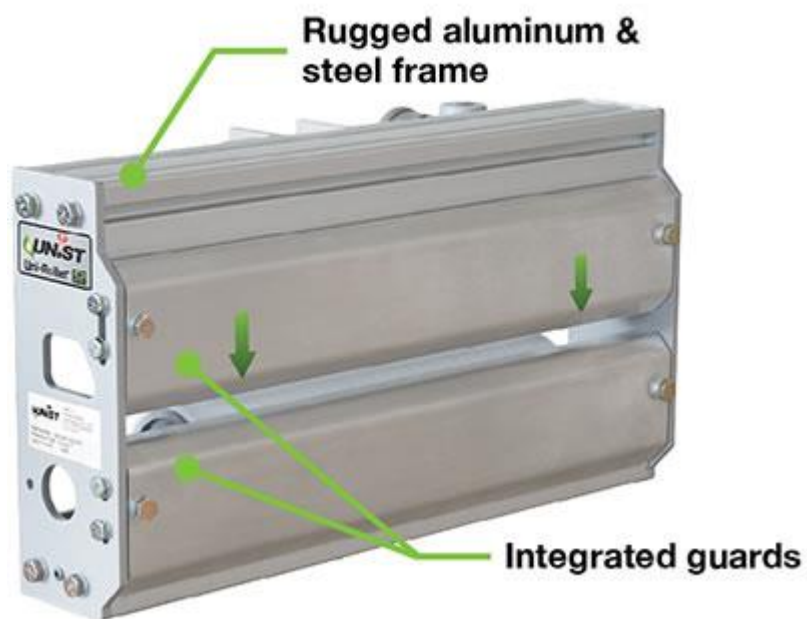


Uni-Rollers system delivers smooth and consistent lubrication.

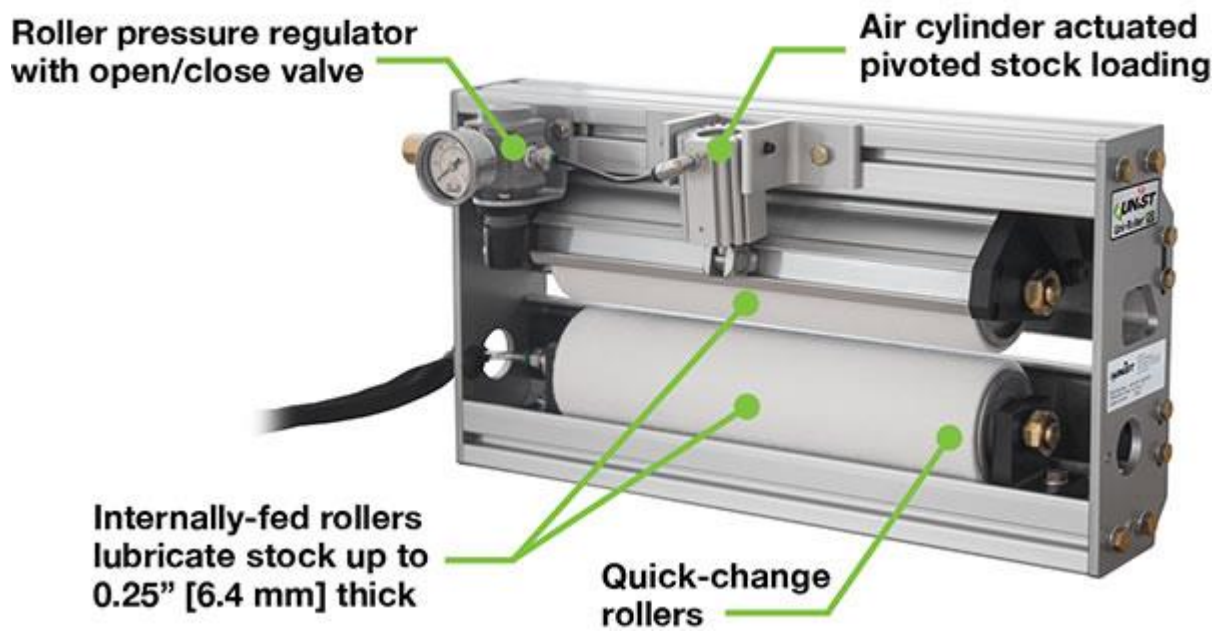
## Construction

The brushed stainless steel guards protect the rollers and guide material when loading coil stock or feeding blanks. With the guards removed for better access, a roller can be changed in about a minute using a single wrench. The Uni-Roller® S2 is built to handle any manufacturing environment without sacrificing ease of maintenance.

### Single roller entry side

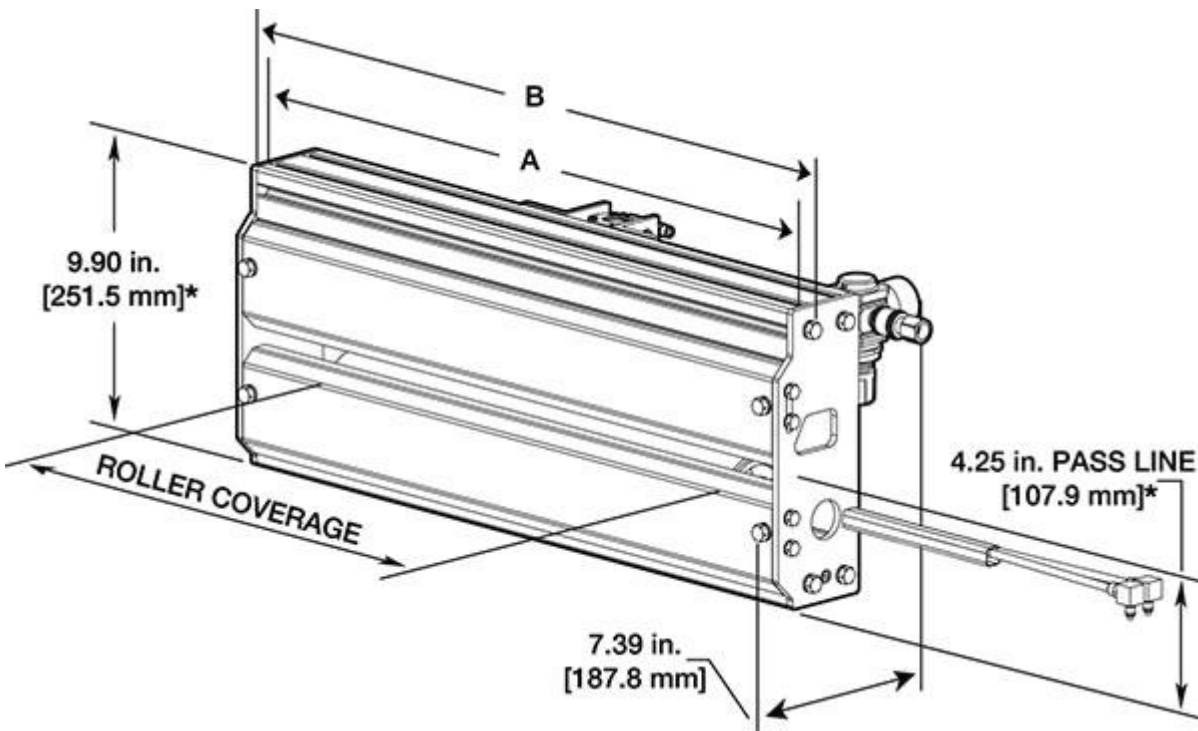


### Single roller exit side

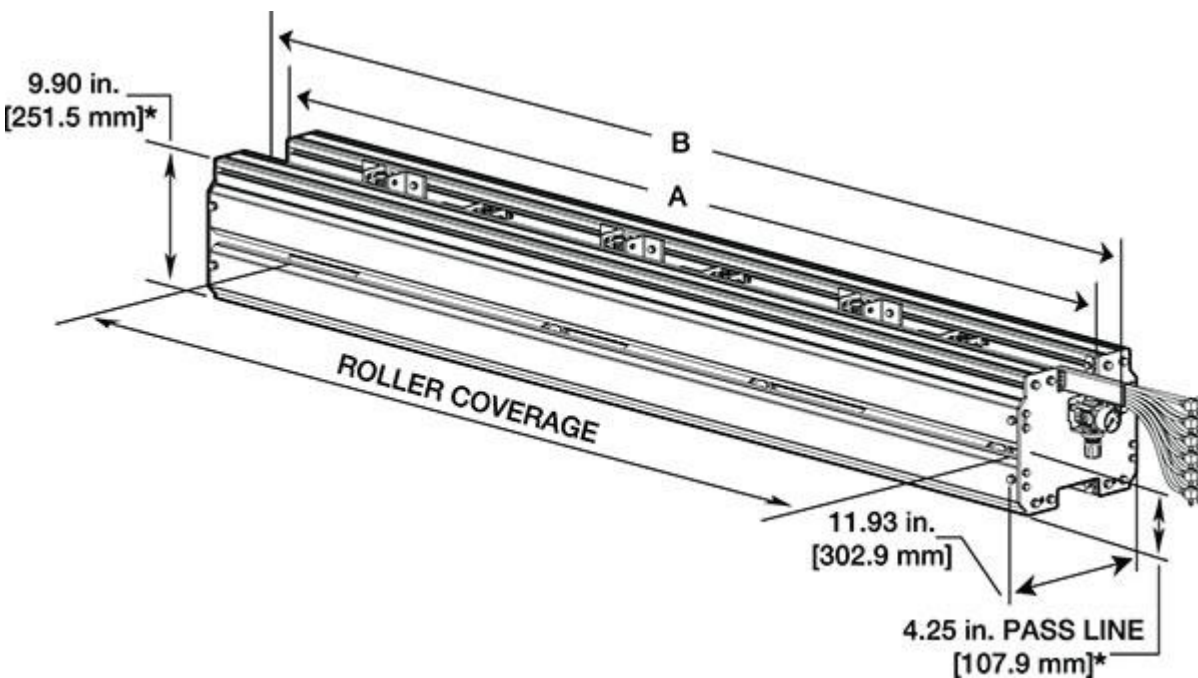


## Built to fit your application

The Uni-Roller® S2 is modular in design. A single roller set is used for widths of 18" [457.2 mm] or less. For stock over 18" [457.2 mm] wide, multiple 12" [304.8 mm] wide roller sets are staggered and overlapped. Standard sizes are available to accommodate common stock widths, with custom sizes available on request.



Single roller (coverage up to 18" (457.2mm))



Multi rollers (coverage over 18" (457.2mm))

## Take control with the SmartFlow®

The SmartFlow® alerts you to issues before they become expensive problems that interrupt or stop your production lines. With the SmartFlow® you'll know immediately if the fluid supply runs low, if fluid pressure varies, or if flow to the applicator is interrupted (Level, pressure, and flow sensors required). The SmartFlow® features an intuitive, easy-to-use interface as well as an access code to prevent unauthorized tampering or changes in fluid settings.



### SmartFlow®

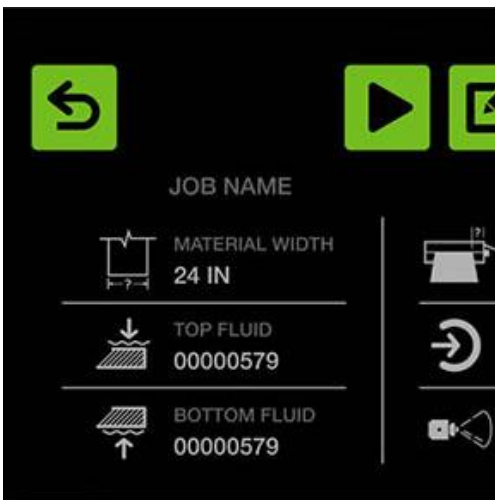
- Monitors critical parameters
- Controls up to 22 outputs
- Stores up to 250 setups



Easy to use touch screen interface.



The SmartFlow® controller can monitor pressure, flow, valve performance and line status.



Job setup wizard makes job creation easy.