



Controlled, Repeatable Lubrication

The Duo™ fluid controller delivers controlled, repeatable coil stock lubrication for narrow-width stamping applications. With Duo™, you conserve lubricant by applying only what you need, directly to the stock, without overspray or excess fluid mess.

Duo™ delivers stamping fluid to a Mini-Roller™ or Uni-Roller® S2 which then applies it neatly to one or both sides of the stock. The Duo™ controller is designed for painless integration: Simply attach the provided rotation sensor cable, fill the lubricant reservoir, and mount and plug-in the Duo™ controller to get started. Adjust the frequency and duration of lubricant dosing and let Duo™ provide worry-free, consistent lubrication while you focus on making parts.

- Consistent lubrication protects dies & improves efficiency
- Reduces stamping fluid consumption significantly
- Neat lubricant application keeps press areas clean



Uni-Roller® S2



3–18" wide stock (72–457 mm)

OR

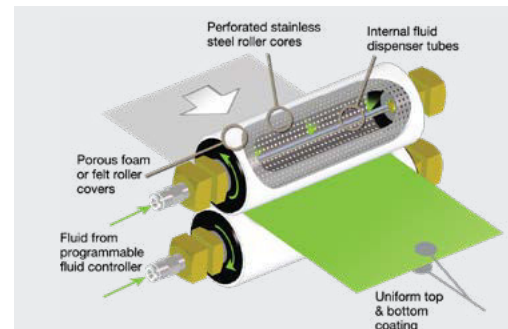
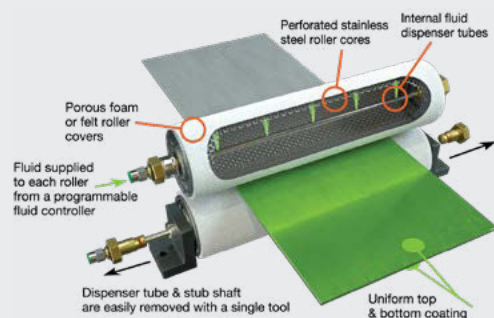
Mini-Roller™



1–6" wide stock (24–154 mm)

The Internally-Fed Difference

Unist's unique internally-fed roller design wicks and transfers a controlled amount of lubricant to the stock. Only what is needed is used - saving fluid and preventing messy, wet press areas.



Supplemental / In-Die Spray

The Duo™ controller can also be used to control two Unist Airless Spray Nozzles for jobs where critical die components require additional lubrication.



MONTFORT INTERNATIONAL Ltd

2500 avenue Watt, Québec (QUÉBEC) Canada G1P 3T3
+ 1 (418) 877-0778 - (800) 463-6668 - info@montfort-international.com



Pulse R™ Easy Lubrication Adjustment

The Duo™ controller's outputs are easily set and adjusted using individual Pulse R™ electronic timers.

- Easy to use two-button adjustment
- Tamper proof lock



Precise Fluid Application

Reliably apply a precise, even volume of lubricant.



Easily Adjustable

Select lubricant amount easily with two-buttons.



Low Fluid Warning

Know when it's time to refill with LED indicator.



Simple Integration

Integrate quickly with simple basic connections.

Specifications

Outputs	2 outputs, 24 VDC, 6.5 watts
Control	Pulse R count and duration timers
Maximum cycle input rate	Max: 50 cycles/second at 50% duty cycle
Rotation sensor	PNP inductive sensor (Uni-Roller® S2), Magnetic reed switch (Mini-Roller™)
Supply air pressure	Clean, dry compressed air, 80-100 psi [5.5–7.0 bar], 25 SCFM [708 LPM] MIN
Supply fluid pressure	5 – 100 psi [.34–7.0 bar]
Incoming power	100–220 VAC, 0.5 Amps Integral voltage transformer to 24VDC
Operating temperature	32°-122°F [0°-50°C]



Beyond DUO™ : Unist Metalforming Lubrication Solutions

Looking to lubricate wider coil or blank stock? Need advanced integration into your pressline? Check out Unist's full line of Uni-Roller™ applicators and our programmable SmartFlow® controller.

unist.com/metalforming