

## ADHESIVE ROLLER COATER



**The Union Tool Corporation**

P.O. Box 935

Warsaw, IN 46581-0935

Phone: 574/267-3211

Fax: 574/267-5703

PB #1977

E-Mail: [info@uniontoolcorp.com](mailto:info@uniontoolcorp.com)  
Website: [www.uniontoolcorp.com](http://www.uniontoolcorp.com)

## ADHESIVE ROLLER COATER

The Union Adhesive Roller Coater was designed to apply water-based, solvent-based or phenolic resin adhesive to the top and/or bottom surface of clutch and brake facing plates in a single pass. This coater applies a smooth, even, controlled amount of adhesive with a direct action roller coater. The facing plates may range in size from 3" to 22" in diameter and in thickness from 0.030" to 4.000".

The Union Tool Corporation has been manufacturing roller coaters for many years. We have combined our years of experience with today's materials and technology in order to offer a roller coater which we feel is superior to any other on the market. Union roller coaters are available in sizes ranging from 6" to 110".

### MECHANICAL SPECIFICATIONS

SERIES, MODEL NO.	Series #15, Model A
SEALPLATES	Supply of coating material for upper and lower coating assemblies is held in the trough formed by the doctor roll and coating roll and UHMW seal plates which seal the ends of the rolls. Seal plates equipped with drains for recirculation of adhesive
ROLLER ADJUSTMENTS	Upper coating roll: single handwheel for vertical adjustment Doctor rolls: unifeed adjustment
ROLLER DIMENSIONS	Coating rolls: 6.5" diameter x 26" long Doctor rolls: 4.375" diameter x 26" long
ROLLER COVERING	Coating rolls: Smooth ground rubber Doctor rolls: Smooth ground chrome-plated steel
MECHANICAL DIGITAL INDICATORS	Mechanical digital indicators, reading in thousandths, for visual reference of roll position
ROLL CHANGING	Hinged top half of machine opens for easy access to change coating and doctor rolls
BEARINGS	Anti-friction, self-aligning roll bearings and slides inverted for optimum protection from adhesive
MOTOR & CONTROLS	2 drive motors; 1 motor and gearbox arrangement to drive coating rolls and another to drive doctor rolls. Each coating roll and doctor roll is independently driven by a drive shaft. Conveyors driven from coating rolls by timing belt drive. Explosion-proof electricals available
OPERATING SPEED	Variable from 20 to 60 l.f.p.m.
HOOD	Hood with adjustable sliding (such as Lexan) on infeed and offbearing side of coater. Exhaust opening 8" diameter. Lexan slides are electrically interlocked to stop coater when they are not in position
V-CASTERS	V-casters mounted for ease in rolling machine inline; includes foot lock
PUMPING SYSTEM	Optional air pump, with valve and air controls, available to pump adhesive from a supply tank to each coating head
CONVEYOR SYSTEM	Stainless steel wire mesh infeed and offbearing conveyors

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