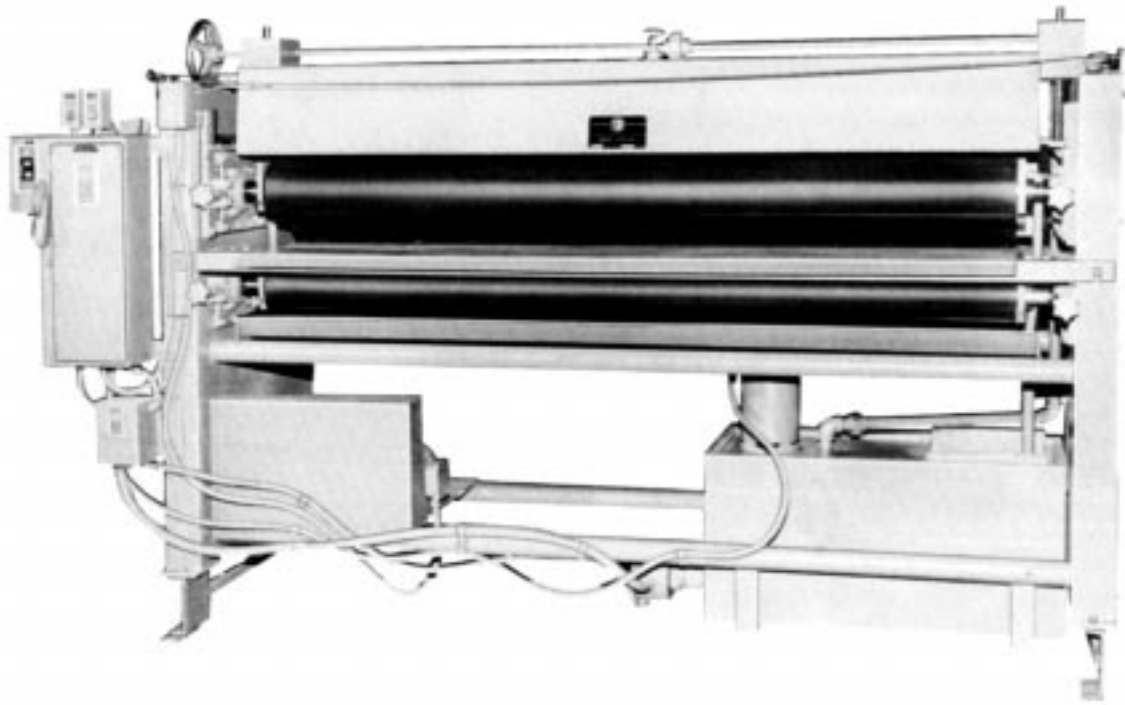
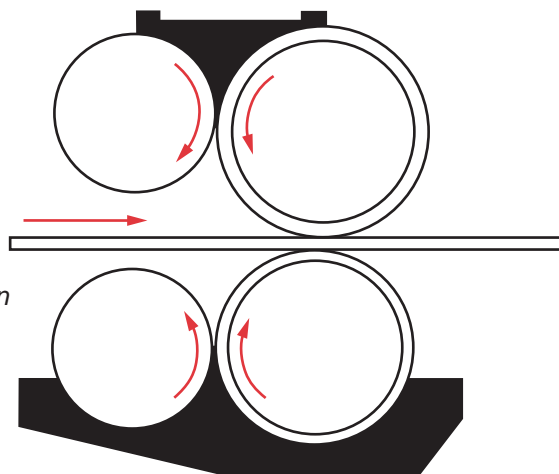


SERIES 45 ROLLER COATER



MODEL B
Roller Configuration



The Union Tool Corporation

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PB #2035

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SERIES 45 ROLLER COATER

The Union Series #45 Roller Coater was designed for customers who require an extremely rugged, dependable roller coater. The 8.75" diameter coating rolls and 6.5" diameter doctor rolls are constructed of extra-heavy wall tubing and are mounted in heavy-duty, anti-friction, self-aligning ball bearings. The heavy-duty construction allows the Series #45 to be built in widths ranging from 12" to 98". Coating speeds up to 600 l.f.p.m. are possible while applying a smooth, even, controllable coating to a wide variety of sheets or coils. Standard construction features include a single handwheel to adjust the upper coating head in a vertical plane (0-2") in order to compensate for various substrate thicknesses. Two hand knobs move the doctor roll bearing assemblies in relationship to the coating roll to adjust the amount of coating being applied. All coating and/or backup rolls are powered through a chain drive, complete with spring-loaded takeups. Standard safety features include a reversing drum connected to a safety cable around the perimeter of the coater to reverse the direction of the powered rolls in the event of an emergency. Sheet metal guards with expanded metal inserts enclose the upper coating head. The drive system as well as all moving parts are shielded with guards or covers to protect the operator.

MECHANICAL SPECIFICATIONS

SERIES, MODEL NO.	Series #45, Model B
OVERALL DIMENSIONS	Length and Width: Varies to accommodate stock dimensions
SHEET SIZE RANGE	Length: up to 98" Width: 14" to 98" Thickness: 0 to 2"
ROLLER DIMENSIONS	Coating roll: 8.75" diameter Doctor roll: 6.5" diameter Roll length: Varies with stock width
ROLLER COVERING	Coating: Neoprene, smooth ground or corrugated
ROLL CONFIGURATION	Model B (See illustration)
ROLL MOUNTING	Spring-loaded rolls mounted in self-aligning bearings
MOTOR & CONTROLS	2 H.P. dual voltage with 110 volt controls
OPERATING SPEED	Any single speed or variable speed
COATING MATERIALS	Drawing compounds, lubricants, synthetic oils
SAFETY FEATURES	Reversing cable around top perimeter of machine. Protective guards on rolls and chain drive
OPTIONAL FEATURES	Recirculating pumping system for continuous supply of coating materials Casters for portability Conveyors Automatic feed

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