

# R-100 V Coating Machine

“the Original Since 1937”

The Ronci Coating Machine is a combination dipping and spinning machine for completely coating large quantities of small parts with liquid coatings such as paints, dry film lubricants, bonding adhesives, dispersions, waxes, oils and many more. To keep evaporation of the coating substance to a minimum, the material tank is enclosed within the machine. Also, to assure the proper material flow on the parts being coated, both operations are performed within the solvent atmosphere—this permits the spun off coating to remain in the tank—NO WASTE.



## R-100 V Specifications

Work -basket: Specially alloyed cast aluminum outer frame lined with steel mesh. Inside diameter 10”, depth 4”. Aluminum work-baskets are available with removable bottoms. Total internal volume 312 cubic inches.

Material tank: The standard material tank and cover are of welded stainless steel construction. The coating material capacity is approximately 3 gallons.

Controls: The tank platform is raised and lowered with a mechanical lever located on the left side of the machine. The spin actuation lever, located on the right side of the machine, controls forward and reverse spin direction as well as the brake release function. An 8 position selector switch controls the desired basket spin speed.

Mechanical sliding door: Moves in concert with the tank platform lever.

Electric spin motor: Available from 110 Volt single phase to 600 Volt 3 phase. 8-Basket spin speeds from 100 to 800 RPM

Electrical controls: Explosion proof limit switches, Allen Bradley AC drive, control switches and enclosures.

Production capacity: With time for loading and unloading included, 20 to 40 cycles per hour.

Floor space 24” x 24” x 72” high

Weight 460 lbs. Crated 600 lbs.

**Material and workmanship are guaranteed for one year.**

**P. RONCI**  
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# APPROXIMATING PRODUCTIONS RATES

Because the densities of parts vary, we find that approximating production rates is best determined using volume as a measure. Production rates will vary with operator efficiency, configuration of parts being coated, number of coats required and amount of spin time necessary.

The R-100V has a mechanical lifting system to raise and lower the coating material tank. This apparatus moves the material tank from the parked position to the dip and spin positions very quickly, whereas the R-200V and the R-200VPC, because of the increased weight of the larger coating material tanks, have hydraulically actuated lifting systems to move the tank from the parked position to the dip and spin positions.

This chart shows the range of production rates for parts commonly processed in our machines. Calculations assume one operator based on single coat application.

	R-100V	R-200V	R-200VPC*
Total Basket Capacity Cubic inches	300	1200	1200
Typical load Ranges Cubic inches	100-200	400-800	400-800
Typical Cycle time In minutes	3.0-1.5	4.5-3.0	3.5-2.0
Coating Cycles/hr	20-40	13-20	17-30
Cubic inches Of parts/hr.	2,000-8,000	5,320-16,000	6,840-24,000

\*operation with 2 work-baskets

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