



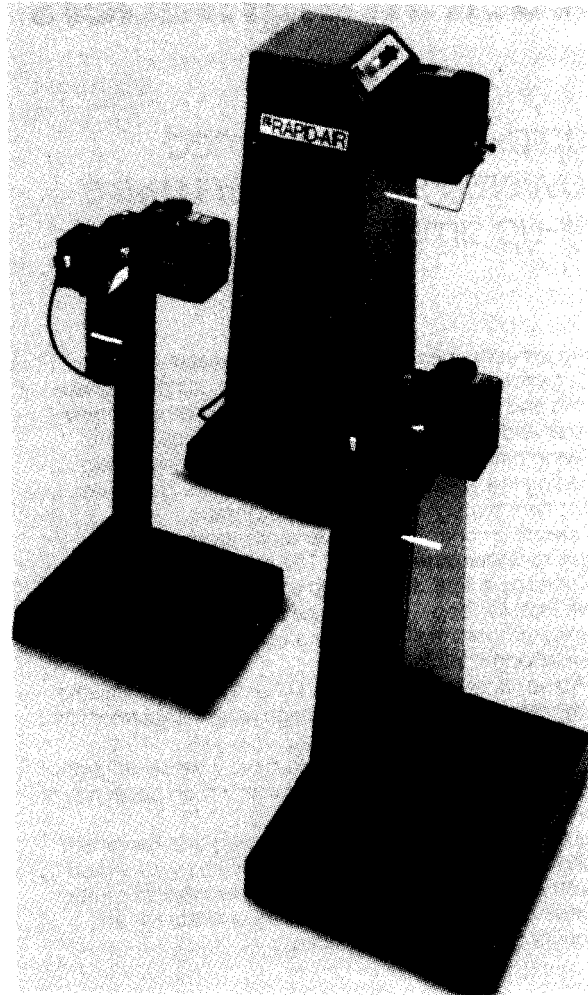
Rapid-Air

Rapid-Roll Units

Rapid-Roll power units adapt to specific needs

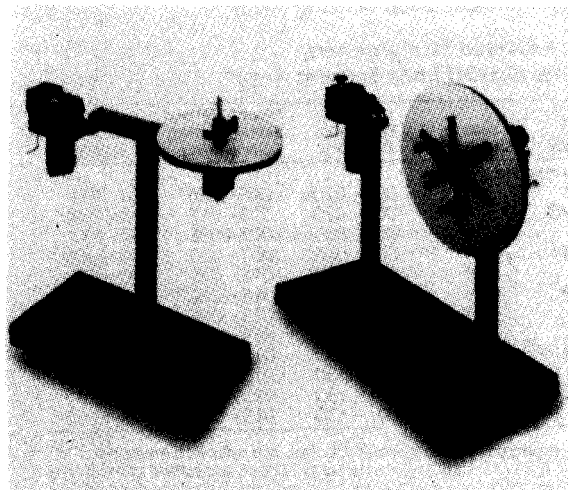
Rapid-Roll power units utilize powered pinch rollers to systematically advance material to production equipment and maintain a free loop. The adjustable spring-loaded pinch rollers are hardened steel and gear driven by a variable speed D.C. motor. Optional urethane covered rollers are available. Add-on flat stock or wire straightener modules extend their versatility (see section on Pull-Thru Straighteners).

Motor speed is controlled by the movement of a light weight loop sensing arm-units can be equipped with an optional variable speed proportional control or a control package for external loop-control. Full torque availability is provided over a wide speed range thus enabling units to operate at slow feed rates when required. DC. controls provide accurate speed variation even with loading and line voltage fluctuations,



**Rapid-Roll Units/D.C. Drive
(w/Std. On-Off Loop Sensing Arm)*1**

Model	Type of Stock	Max. Stock Width (In.)	Max. Thickness Capacity (In.)	Recommended Oper. Range (In.)	Std. Speed In./Min.
Base & Post Models					
P1V	Flat	1.5	.187	.0005-.075	0-700
P1M	Flat	1.5	.187	.0005-.075	0-1400
P1W	Wire	—	.187	.005-.150*2	0-700
P1WM	Wire	—	.187	.005-.150*2	0-1400
P4V	Flat	4	.187	.0005-.060	0-700
P4M	Flat	4	.187	.0005-.060	0-1400
P8V	Flat	8	.187	.0005-.050	0-700
P8M	Flat	8	.187	.0005-.050	0-1400
Cabinet Models					
P1V-C	Flat	1.5	.187	.0005-.075	0-700
P1M-C	Flat	1.5	.187	.0005-.075	0-1400
P1W-C	Wire	—	.187	.005-.150*2	0-700
P1WM-C	Wire	—	.187	.005-.150*2	0-1400
P4V-C	Flat	4	.187	.0005-.060	0-700
P4M-C	Flat	4	.187	.0005-.060	0-1400
PH4-c	Flat	8	.187	.0005-.060	0-4125
P8V-C	Flat	8	.187	.0005-.050	0-700
P8M-C	Flat	8	.187	.0005-.050	0-1400
PH8-C	Flat	8	.187	.0005-.050	0-4125



*1 For Proportional Potentiometer Control, add suffix-P to model No.; for Control Package for External Loop Control, add suffix-E to model No.
 • z Wire Dia. must be specified with order. Extra roller sets may be ordered to adapt units to various wire diameters.