



# Rapid-Air

## Stock Straighteners

Rapid-Air self-contained powered straighteners make set-up simple and stable

Being self-contained, with an integral variable speed D.C. motor, these stock straighteners are compact, space-saving and durable. SA and SB models can be assembled in base and post configurations with other equipment.

Swing open counterbalanced design not only makes reloading fast and simple, but also maintains exact roller adjustment through the reloading process.

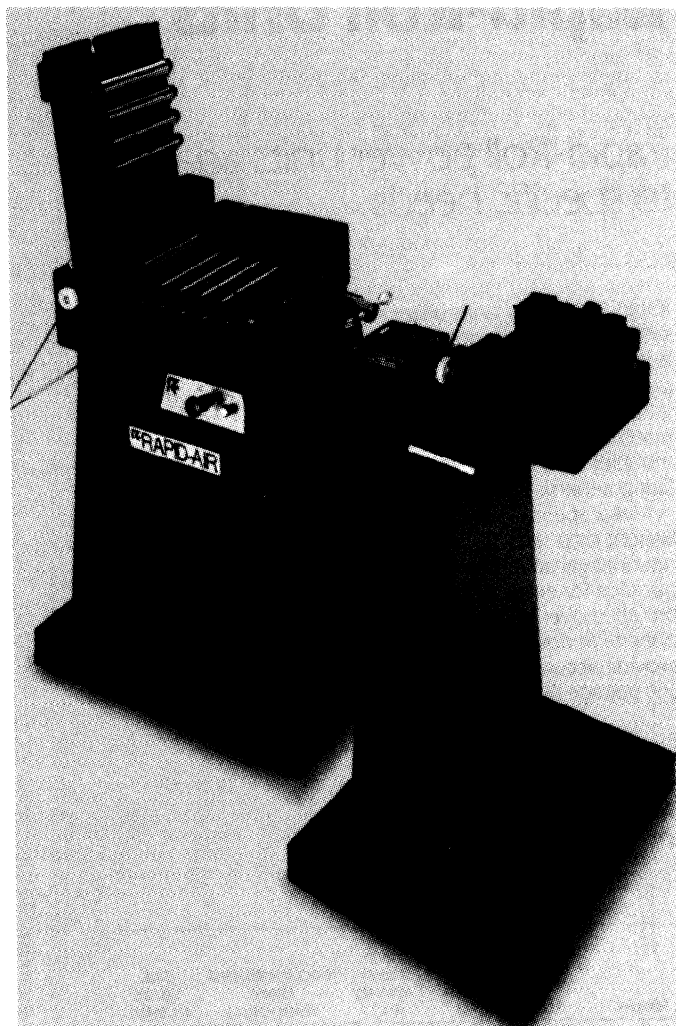
Operating controls are conveniently located and are simple to understand and use. The motor on-off control is activated by a light weight loop sensing arm to maintain a free material loop—units can be equipped with an optional proportional control or a control package for external loop control.

SA and SB series models have 11 hardened steel straightening rollers. A unique platen design allows adjustment for direction of stock curl.

The SS, SM and SH series models have 9 hardened steel straightening rollers—individual adjustment on upper rollers provides precision set-up.

All models feature entrance guide rollers and hardened pinch rollers. Eccentric adjustment on pinch rollers adjusts to precise parallel to eliminate straightener induced camber.

Entrance and exit cascade rollers are available as an option for SA and SB series models.



### D.C. Powered Straighteners (w/Std. On-Off Loop Sensing Arm)\*1

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| Model                              | Mat'l. Width (in.) | Thickness Capacity | Recommended Straightening Range (in.) | Std. Speed In./Min. |
|------------------------------------|--------------------|--------------------|---------------------------------------|---------------------|
| <b>Cabinet Models</b> <sup>2</sup> |                    |                    |                                       |                     |
| SA3                                | 3                  | .001-.020          | .005-.020                             | 0-700               |
| SAM3                               | 3                  | .001-.020          | .005-.015                             | 0-1400              |
| SB4                                | 4                  | .001-.035          | .007-.035                             | 0-700               |
| SBM4                               | 4                  | .001-.035          | .007-.030                             | 0-1400              |
| SS4                                | 4                  | .001-.130          | .015-.085 <sup>3</sup>                | 0-825               |
| SM4                                | 4                  | .001-.130          | .015-.070 <sup>3</sup>                | 0-1650              |
| SH4                                | 4                  | .001-.130          | .015-.075 <sup>3</sup>                | 0-4125              |
| SS8                                | 8                  | .001-.130          | .015-.071 <sup>3</sup>                | 0-825               |
| SM8                                | 8                  | .001-.130          | .015-.068 <sup>3</sup>                | 0-1650              |
| SH8                                | 8                  | .001-.130          | .015-.068 <sup>3</sup>                | 0-4125              |
| SS12                               | 12                 | .001-.130          | .015-.050 <sup>3</sup>                | 0-825               |
| SM12                               | 12                 | .001-.130          | .015-.050 <sup>3</sup>                | 0-1650              |

\*1 For Proportional Potentiometer Control, add suffix-P to model No.; for Control Package for External Loop Control, add suffix-E to model No.

\*2 Certain models are available for base and post mounting—contact Rapid-Air.

\*3 Max. thickness increases by same percentage as stock width decreases up to Max. of 150%.

