



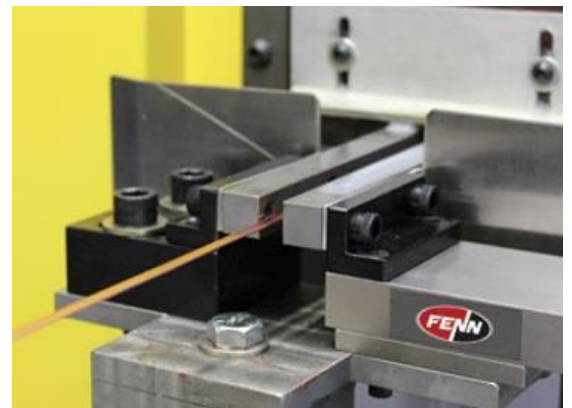
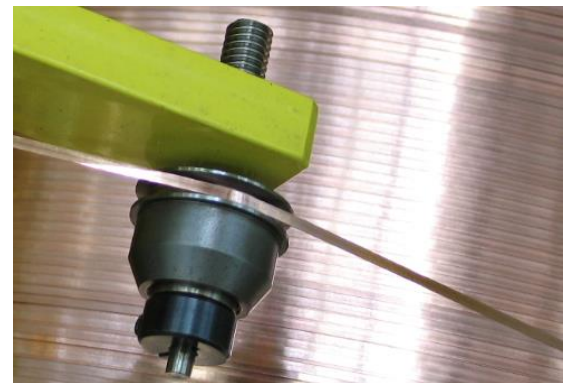
PV Ribbon & Busbar Equipment

Providing Customized Machinery for the Solar Industry

Leaders in Generating Precise Dimensions at High Speeds

Let us help your company become a leader in the production of PV Ribbons and Busbars for the solar industry

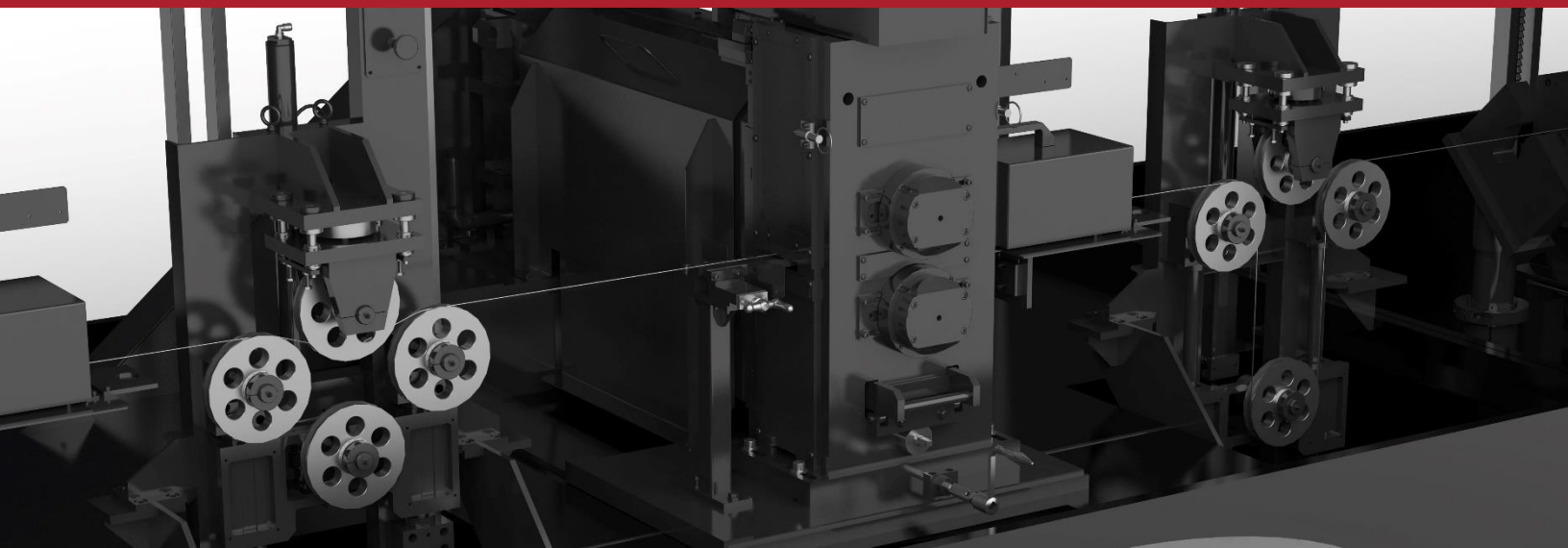
- With over 115 years in the industry, FENN maintains the expertise to develop the proper arrangement of equipment designed to achieve your production requirements
- At speeds of up to 800 MPM, you can achieve high levels of output with minimal workforce
- FENN's wire flattening lines have a robust construction, ensuring longevity of your machine with minimal maintenance and downtime
- FENN machines deliver consistent, reliable results- your wire will be produced to your specified width, thickness and quality requirements
- Technical support, service and training available to ensure your equipment produces to its fullest potential





PV Ribbon and Busbars

Let us help you produce your own PV Ribbon for the solar industry at 800 MPM!



Machine Specifications

Typical Interconnect Ribbon Range:

Thickness 0.1 mm- 0.3 mm

Width 0.8 mm- 3.0 mm

Typical Busbar Range:

Thickness .02 mm-0.06 mm

Width 3.0 mm-7.0 mm

Typical Tolerances:

Thickness +/- 0.005 mm

Width +/- 0.07 mm

Main Features

- Labor efficiency: An operator & assistant can easily run two lines set up in opposite directions
- Driven spool payoff
- Multi-stand mill
- Motorized screw down
- Precision tension control and speed synchronization
- Remote diagnosis feature
- Air conditioned control cabinet
- External and internal cooling of rolls
- Recirculating coolant system
- Independent lateral movement of stands (offers full utility of roll face width against wear)
- Servo-controlled traversing spool take-up with servo controlled wire guide for precision winding
- AC Vector variable speed drive system
- Automatic thickness gauge control (AGC)
- Air actuated lift platforms for ease of spool changeover at Pay-Off & Take-Up
- Optional SPC package

Rolling Mills • Wire Flattening & Shaping Lines • Turks Heads • Torin Spring Coilers
Drawbenches • Swagers • Spare Parts • PM Programs • Upgrade & Remanufacture

www.fenn-torin.com

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