

## **BauGrider**

The BauGrider is an automatic resistance welding machine linked to the straighten and cut machine, which is fed by the drawing machine. Cold drawn wire of the desired diameter is fed from the drawing machine into the straighten and cut machine, where rods are cut automatically to  $\pm 1/8$ " tolerance.

These rods are conveyed to hoppers that feed the automatic resistance welder. An automatic BauMagFixture holds the rods in place under the multi-head resistance welder. The newly welded BauGrid is conveyed to the BauGrider. The BauGrid is held in another BauMagFixture while BauClips are installed on the four corners to make a BauGridCage. The BauGridCage can then be shipped to the yard or site for installation of rebar. A BauCage can be made at the plant by automatically charging rebar into the BauGridCage and using BauRebarNuts to lock the BauRebar into place.

