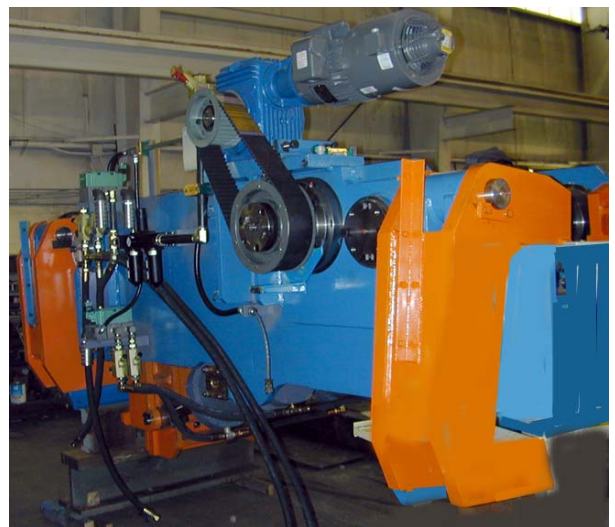


Gauge Beam Systems for accurate cut lengths & positioning

The demand for non-standard custom lengths and smaller order lots has resulted in Quad developing a new **high-speed length gauge system**. The gauge head travels at high speed to the next customer order length position while the shear or saw is making a cut. This way the gauge head is in the correct position for the next cut length, without causing a production delay.



The gauge head runs on a rack system with a **fine adjust** to ensure accurate head placement. The rack clamp device ensures the position does not change on bar impact. The length position is **calibrated with a laser** backup to ensure accurate cutting throughout the shift.



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The gauge beam length can be extended to the bundler/stacker to ensure proper placement of the cut drag on the bundling or stacking table. This allows multiple bundles of product to be formed at the same time.



The gauge head can run from the shear or saw continuously through to the bundler. This allows one head design to be used and the position of the heads to be easily changed to meet the product cutting length and bundling requirements.

A **retrofit gauge beam** can be supported on one or both sides of the roll line. A span of up to 65' is obtained by a rigid design of beam that acts as a self-supporting truss. There is no interference with the table rollers or transfer chains with this overhead design, so the drag of cut bars can be stopped anywhere along the bundler/stacker entry conveyor.



Replacement gauge heads can be adapted to existing gauge beams to replace worn out or under designed heads.

The gauge stop has shock absorbing capability so the product can be run up to the stop with minimal additional bar handling time.