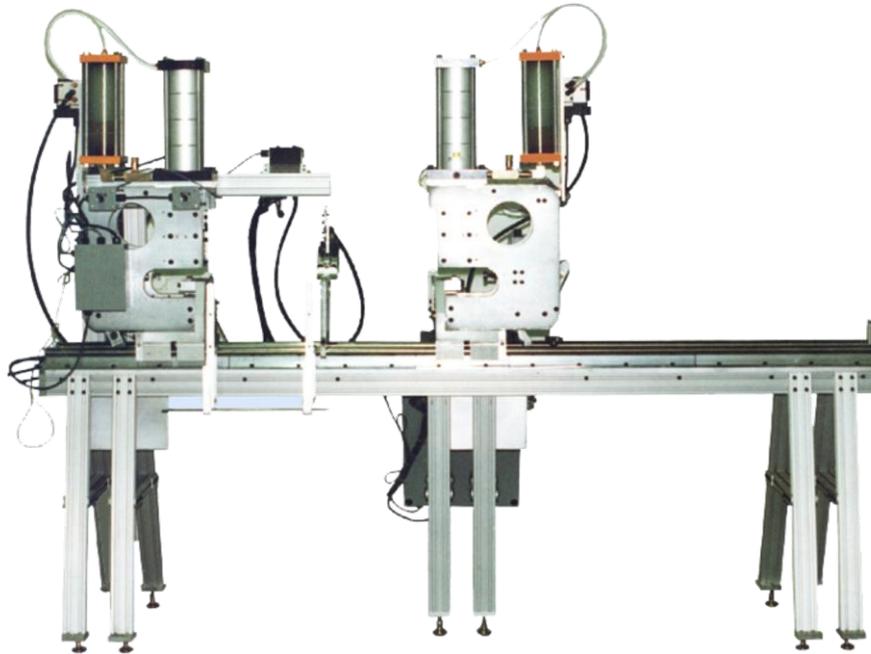


CROP MACHINE



The **Oakley Center and Cut to Length Machine** is designed to cut elements to an exact predetermined length. The elements are manually loaded and unloaded. The elements are automatically centered so the same amount will be cut from each end, thus ensuring that the desired pin length inside the elements will be maintained. The elements are then sheared to the desired length and automatically ejected from the machine.

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ADVANTAGES

- Clean, fast and accurate method for length control
- Very close length tolerance: +/- 0.10" (+/- 0.25 mm)
- Can accommodate diameters from .200" to .500" (5 mm to 12.7 mm)
- Can be supplied for any maximum element length up to 30 ft. (9 meters)
- Quick length adjustment and diameter change
- Optional digital length readout available

CHARACTERISTICS

The cycle time of the machine is 3-4 seconds. Production will usually range from 300 to 900 pieces per hour depending upon the element length. Because they are easier to handle, shorter elements will have much higher production rates. The machine can be supplied for maximum element lengths from 206mm to 9 meters (8.125" to 30 ft.) and for element diameters from 5mm to 12.7mm (.200" to 500").

Special power-boost cylinders are used to eliminate the need for a more costly and messy hydraulic system. Removable trays are located beneath the machine to catch the cut ends of the elements. A newly designed round cutoff blade provides for clean-cut ends and longer life. When the blade becomes dull or worn, it can easily be indexed to a new cutting position. Also, because of the tooling design, the roundness of the element ends is not deformed and little or no burr is left on the face of the element end. A handwheel is mounted to the moveable cutting head to provide for fine adjustment of the finished element length.

TECHNICAL CHARACTERISTICS

Length: max. element length	+4 ft (+1220 mm)
Width	2.1 ft (660 mm)
Height	6.5 ft (1980 mm)
Weight	1200 lbs (545 kg)
Electric Supply	220 v – 1 ph – 50/60 hz
Air Supply	5.6 bar (80 psi)
Min. Diameter	.200 inch (5 mm)
Max. Diameter	.500 inch (12.7 mm)
Max. Wall Thickness	10% of the element
Min. Element Length	0.6 ft (206 mm)
Max. Element Length	30 ft (9 meters)

LAYOUT

