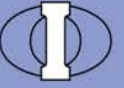


Machine Features

- PROVIDES STRAIGHTER ELEMENTS WHICH GREATLY FACILITATES AUTOMATED PROCESSES
- CAN BE SUPPLIED FOR ELEMENT DIAMETERS FROM 6.35mm TO 11.0mm (.250" TO .437")
- A DIFFERENT SET OF ROLLS IS REQUIRED FOR EACH ELEMENT DIAMETER
- VARIABLE SPEED MOTOR IS SUPPLIED TO ENABLE YOU TO MATCH THE SPEED OF YOUR REDUCER OR ROLL TO LENGTH MACHINE
- CAN BE MOUNTED TO A ROLL REDUCER, A ROLL TO LENGTH MACHINE OR CAN BE USED AS A STAND ALONE UNIT
- QUICK AND EASY SETUP



Bench Model for Straightening after Annealing

The **Oakley Element Straightener** consists of 14 straightening rolls arranged in two planes. There are 7 rolls in each plane. The lower 4 rolls are driven while the upper 3 rolls are adjustable to provide the required straightening offset.

The machine features a variable speed drive that can be adjusted to coincide with the speed of a roll reducer or roll to length machine. Rolls are made from hardened D-2 tool steel and are ground to suit a specific element radius. For this reason a different set of rolls is required for each element diameter.

For customers who require straight elements prior to annealing or elements that will not be annealed, we offer a model that can be directly mounted to a roll reducer or a roll to length machine. We also offer a bench model that is intended for straightening elements after annealing.

Because of the many variables involved, it is impossible to guarantee any absolute degree of straightness that can be obtained when using this device. However, one customer who manufactures short length, small appliance elements has been able to hold a tolerance of $\pm 0.25\text{mm}$ (.010") on the total indicator readout of the elements. Because they are running the same elements day in and day out, they have not had to adjust the straightener for several years.

When straightening annealed elements, the result will not be as perfect. However, the elements will be significantly straighter and will certainly be straight enough to be fed through automated systems.

Machine Specifications

	<u>Machine-Mounted Model</u>	<u>Bench Model</u>
Element Diameters:	6.35mm to 11.0mm (.250" to .437")	Same
Element Length:	Any	Same
Electrical Supply:	220/380/440v—3ph—50/60hz	Same
Length:	940mm (37")	991mm (39")
Width :	533mm (21")	533mm (21")
Height:	406mm (16")	813mm (32")
Weight:	177 kg. (390 lbs.)	197 kg. (435 lbs.)