



Machine Features

- **INEXPENSIVE FEEDING SYSTEM**
- **REDUCES LABOR AND PREVENTS JAM-UPS**
- **SIMPLE TO CHANGE FOR DIFFERENT ELEMENT DIAMETERS AND LENGTHS**
- **OPTIONAL TESTING OF ELEMENTS FOR DIELECTRICAL STRENGTH OR LEAKAGE CURRENT WITH AUTOMATIC REMOVAL OF FAILURES**



Feeder Controls and Hipot Test Unit

The Oakley Tray-Type Element Feeder is designed to economically feed elements into the roll reducer. Two models are available. The basic model holds a single layer of elements and will hold a maximum of 78 elements with a 9.5mm (.375") diameter. The model shown has a second tier of elements above the first to enable the feeder to hold more elements. With this option, the feeder is capable of holding as many as 130 elements with a 9.5mm (.375") diameter.

An option available for either model is a hipot test station. With the inclusion of this device, the elements are tested for dielectric strength or leakage current, and any elements that fail are automatically removed into a separate compartment before they are reduced. No adjustments are required for different element lengths, and the machine can be supplied to suit any desired maximum length up to 3658mm (12 ft.). The Tray-Type Element Feeder does not require any adjustments when changing element diameters whose difference in diameter is not very large, for example when changing from 9.5 to 8.0mm (.375" to .315") elements. When the difference in diameter is greater, the adjustments required take less than 10 minutes. The feeder is mounted on wheels so it can be easily moved away from the reducer to make possible the hand-feeding of very long elements or to enable you to perform maintenance on either machine.

These feeders optimize production on the roll reducer while at the same time preventing jam ups that are sometimes caused by operators who feed the elements into the reducer without an adequate gap between them. These feeders are a cost effective way to eliminate labor and also to reduce scrap.

Machine Specifications

Length:	Max. Element Length + 336.5mm (13.25")
Width:	1117.6mm (44")
Height:	1244.6mm (49")
Weight:	209 kg. (460 lbs.) for 2000mm (78.75") length
Electric Supply:	220—1ph—50/60hz—5 amp with tester
Air Supply:	5.6 bar (80 psi)
Element Diameters:	6mm to 12.7mm (.238" to .500")
Min. Element Length:	190.5mm (7.5")
Max. Element Length:	3658mm (12 ft.)

Test Specifications

Voltage Test Range:	0 -5000VAC
Failure Trip Point:	0.1 – 12.0 mA
Test Time:	0 – 999.9 seconds