



I-Beaming and Extreme Clearance

One of the greater challenges our ASP machines are faced with is feeding o-rings that are warped or “potato chipped”. Our standard machines are designed to accommodate an o-ring that is warped by not more than 30% of its cross section. If it is expected that the o-rings will be warped by more than this, two options are available to handle some degree of additional warping.

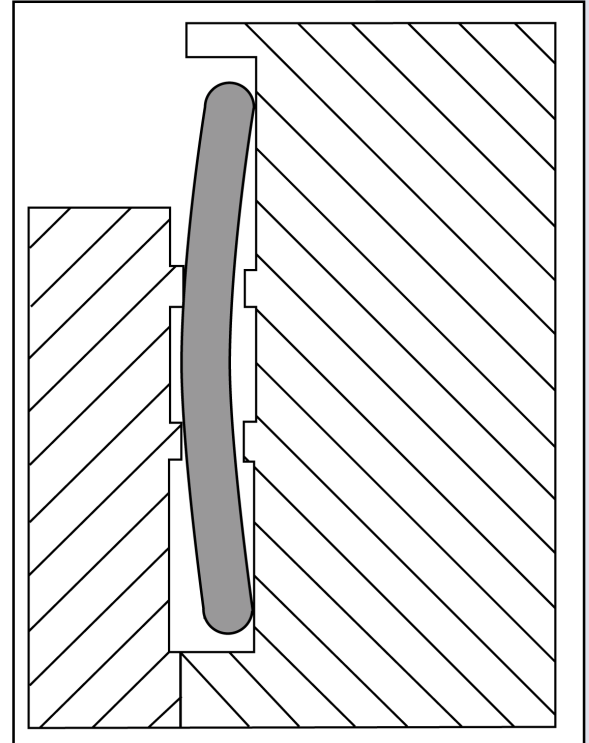
I-Beaming

This feature will allow the machine to accommodate an o-ring that is warped by not more than 50% of its cross section. This is accomplished with the following changes:

- The discharge chute is machined to allow more clearance.
- Channels are machined in the feed track and inside the installation head to allow additional clearances.
- An air assist is added at the bottom of the feed track to be sure the o-ring is properly placed in the installation head tooling.

Extreme Clearance

This feature will allow the machine to accommodate an o-ring that is warped by not more than 200% of its cross section. It uses the same changes as I-Beaming but with greater clearances on the machined parts. Also, an escapement is placed on the discharge chute that only allows one o-ring at a time down the feed track.



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