

AXON 10

'HOT-AIR' CONTINUOUS HEAT SEALER



FEATURES

★ 'Hot-Air' system of Heat Sealing.....

BENEFITS

NO expensive sealing bands thereby eliminating costly downtime.

.....**Produces a seal stronger than surrounding areas.**

★ All working parts fully accessible.....

Reduced maintenance time.

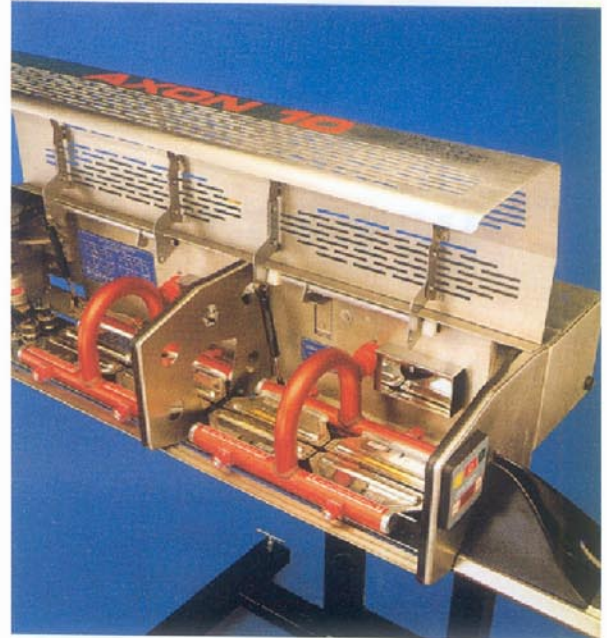
The **AXON 10** 'Hot-Air' Continuous Heat Sealer has been designed to close heavy duty plastic bags at speed. It will seal all thermo-weldable materials and because of the long heating zone is suitable for sealing polylined multi-wall paper sacks.

The proven 'hot-air' sealing method, that eliminates old fashion and expensive sealing bands, has been used in this member of the **AXON** family. The **AXON 10** produces the distinctive crimped seal of the **AXON** range of sealers.

The **AXON 10** utilises the latest P.I.D. heating control technology, providing a visual readout of the sealing temperature. An external air supply for the heater modules is not required and the machine has many built-in safety features. Every part of the machine is accessible for maintenance and experienced labour is not necessary. Many of the parts can be replaced on a plug-in basis which effectively reduces maintenance down-time to a minimum. The **AXON 10** is of rugged construction and in its various forms can cope with the most difficult production environment. It has been designed as a multi-purpose sealer and can be used as a free-standing unit on an adjustable column and mobile trolley or incorporated in a fully automated bag sealing line.

MAIN FEATURES

- ★ All working parts fully accessible: the use of quick release fastenings on major components such as the air ducts and heating assemblies makes for immediate removal for maintenance and cleaning purposes.
- ★ Large range of drive pulleys give wide choice of sealing speeds to suit your existing conveyor line or suit your production requirements.
- ★ Tamper-proof cams ensures safe isolation of power supply when the hinged covers are opened.
- ★ Padlockable isolator.
- ★ Ultra-efficient 'Hot-Air' system features plug-in stainless steel heating capsules and the latest P.I.D. heating control technology provides a visual readout of the sealing temperature. The heater capsules can be replaced without the use of any tools.
- ★ Deep throat of **AXON 10** allows up to 110mm of bag above the seal.
- ★ Ergonomic infeed moulding allows easy feeding of bags.



HOW THE 'HOT-AIR' SYSTEM OF THE AXON 10 WORKS

Using the temperature controller, the correct temperature is set to suit the thickness of bags being sealed. The open mouth of the filled plastic bag is guided into the in-feed section where it is gripped and supported by continuously moving rubber belts. The bag then traverses through opposed streams of 'Hot-Air' creating a molten band of plastic which immediately passes between pressure rollers to complete the weld, before leaving the machine.

SPECIFICATIONS

(Subject to change and without prior notice)

1. Sealing speed range: Set speeds available up to 140ft/min (42.5m/min) depending on bag thickness.
2. Thickness of film (max): normal range of thermo-weldable films up to 300 micron (1200 gauge or 12 mil).
3. Seal: 6mm wide crimped as standard. Wider seals available depending on application and type of bag.
4. Throat depth: Up to 110mm of bag length above seal possible.
5. Feed: Right-to-Left or Left-to-Right.
6. Voltage: 220/250v, 50/60Hz, 1 phase or 220v, 50/60Hz, 3 phase or 380/440v, 50/60hz, 3 phase.
7. Air requirements: None as air is generated by internal fan units.
8. Total Power Consumption: 2800 watts (max).
9. Drive motor power: 0.18 KW.
10. Standard finish: epoxy powder coat.
11. Nett weight of sealing head with adjustable column and trolley: 155 Kgs.

OPTIONAL EXTRAS

1. All stainless steel body for corrosive environment and medical/food application.
2. High integrity version with electrics up to IP65.
3. Bag top trimming – Trims the bag top parallel to the seal line. Also available is a jet flow trim remover which sucks bag top trimmings away into a sack.
4. Embossing Coder.
5. Ink Coder.
6. Bag Top Cooler.
7. Conveyors. We offer a standard range of heavy duty slat and belt conveyors. Also special design conveyors are available to suit individual requirements.
8. AIRWASH Bag Top Cleaner.