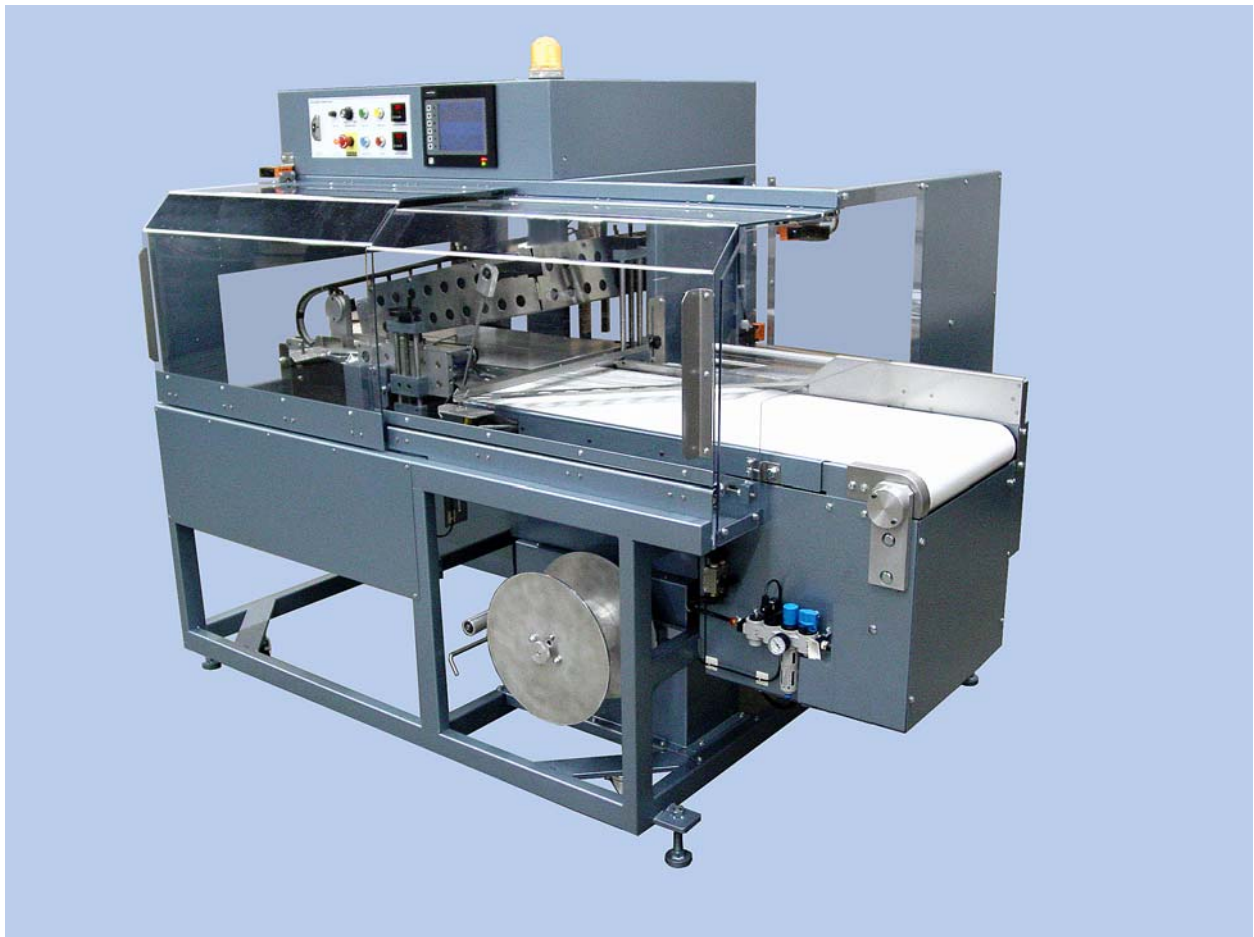


IABLS FULLY AUTOMATIC SEALING MACHINE



GENERAL DESCRIPTION

The model IABLS is a fully automatic “L” bar sealer using a belt to belt transfer system together with a synchronized film advance system to transfer product from the in-feed belt into the sealing area. The optional closing conveyor slides forward to bridge the opening required by the sealing head when small product needs to be wrapped. If the package being wrapped does not require this feature, it can be turned off. The sealing head is a hot knife system with independent digital temperature controllers for the side and front. An adjustable film inverting head is supplied as standard equipment. The film delivery system uses a two-roller assembly mounted at the rear of the machine at floor level for supporting the film roll. The web of film is fed over a separator bar then a powered drive/perforator roller that provides positive film separation. After the film is fed over the film inverting head it is pulled through the film advance unit, which indexes the film when packages are inserted into the sealing area.

The operator touch screen shown below provides an easy to use menu that allows changes to be made to the speed, acceleration, deceleration and timing functions of the in-feed, discharge and film motors. Ten separate sets of parameters (programs) can be stored and later retrieved. This feature can reduce setup time by a considerable amount.



DURABILITY

The machine is built with a steel frame that supplies the necessary rigid base for the other components that are mounted to it. All conveyor rollers and seal head support points use sealed ball bearings, which need no further lubrication. The closing in-feed conveyor is supported on sealed linear bearings.

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EASY SETUP:

The machine is supplied with a default set of operating parameters that can be loaded into memory and will allow the machine to be operated. This default program can then be modified during the operation of the machine. When the machine is operating satisfactorily the developed program can be stored in one of the ten program storage areas. The next time the same product needs to be wrapped the program can be recalled with all previous settings intact.

Push buttons mounted on the control panel allow the operator to make a manual seal, jog the film advance unit, start the auto cycle and stop the auto cycle. The stop button is also used to reset the machine.

FEATURES:

The machine's overall speed is dependent on how fast the packages can be moved into the sealing area of the machine. Servo drive motors allow the conveyor and film drives to be started and stopped at extremely high rates of speed. This reflects in the overall speed of the machine. When the speed of the in-feed conveyor is adjusted, all the other speeds are synchronized automatically.

The film inverting head can be adjusted by a handle mounted on the top of rear slide.

The size of the seal area (package width) is adjusted by simply sliding the sealing head assembly to the rear of the machine for smaller products or to the front for larger ones.

Sealing head temperature is adjustable. The digital controllers are mounted on the front of the control panel. They display the set temperatures and actual temperatures.

The machine will shut down automatically if the unwind film roll web breaks or runs out. It will also shut down if the scrap film web breaks, the guard is opened or if a package is caught between the sealing jaws.

SPECIFICATIONS

Package Sizes:	Maximum -	15" wide 21" length
Film	Maximum -	26"
Drives		
Film Unwind / Take-up		
In-feed / Discharge		Servo Motors
Film Rewind		D.C. Permanent Magnet
Voltage		120/208 Volts Single Phase Three Wire 15 Amps 60 Hz.
Footprint		55" wide 92" long