# weld tron Model 7121

SHRINK TUNNEL
WITH VARIABLE VELOCITY AIR SYSTEM



## PRODUCES UNIFORM SHRINK ON ALL PACKAGE SURFACES

## **FEATURES:**

- Variable air velocity system insures complete, uniform shrink with all available shrink films
- Pre-heat and cooling chambers, plus air-cooled conveyor permit efficient handling of polyethylene as well as polypropylene and PVC
- Has 7000 watt heat capacity
- Live roller conveyor system has variable speed to 70 F.P.M.
- Heat thermostatically controlled to 450°F.
- Completely Weldotron engineered

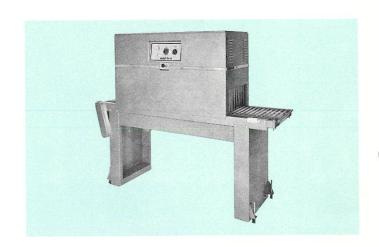
The Weldotron Model 7121 Console Shrink
Tunnel will produce complete, uniform shrink with
all available shrink films including polyethylene.
Heavy-duty blowers create a high velocity air system which forces hot air to reach all surfaces of a
package, producing a contour fit on a wide range
of product sizes and configurations. Controlled
high heat capacity, variable air velocity, variable
speed live roller conveyor system and other exclusive Weldotron features make the Model 7121
extremely versatile. Air-cooled conveyor plus preheat and cooling chambers, as well as other features, are added innovations that contribute to the
proper running of polyethylene. Quality thermostat and controls insure efficient performance —

package after package.

Proper shrink tunnel performance depends on rapidly transferring sufficient heat to the film to initiate the shrink action. With most films such as polypropylene, this is best accomplished by very high velocity air jets. However, polyethylene film actually loosens and softens prior to shrinking, and if subjected to high velocity air jets, will tend to wrinkle and fold. Polyethylene therefore requires low velocity air for proper performance. Weldotron variable velocity tunnels are designed with these principles in mind and have a wide air velocity range.

### **CONSTRUCTION FEATURES OF THE MODEL 7121 TUNNEL**

- Has separate shrink chamber and conveyor
- Simple, trouble-free controls
- Adjustable heat pattern
- Pre-heat and cooling chambers
- Air-cooled control system for longer life
- Fully insulated heat chamber
- Double exit and entry curtains for minimum heat loss, greater efficiency
- Includes sturdy steel base, caster mounted for complete mobility
- All highest quality components



### **SPECIFICATIONS**

**HEATER BANK:** 

7000 watts

TEMPERATURE:

Thermostatically controlled, 0-450°F.

CONVEYOR:

Speed continuously variable from 0 to 70 F.P.M.

CONTROLS:

Line breaker; temperature control; conveyor speed control; air velocity

control; conveyor cooling on-off switch.

ELECTRICAL REQUIREMENTS:

220 volts, 35 amp, single phase.

**DIMENSIONS:** 

Tunnel length 46"; width 19"; height 28"; chamber opening 8" H. x 16" W.

Conveyor length 70"; width 19"; height 331/2".

SHIPPING WEIGHT:

Approx. 565 lbs. crated.





industrial packaging systems

1532 So. Washington Avenue (at I-287) Piscataway, New Jersey 08855 Telephone: (201) 752-6700 (212) 227-6663 Telex: 219804 FAX: 201-752-6062

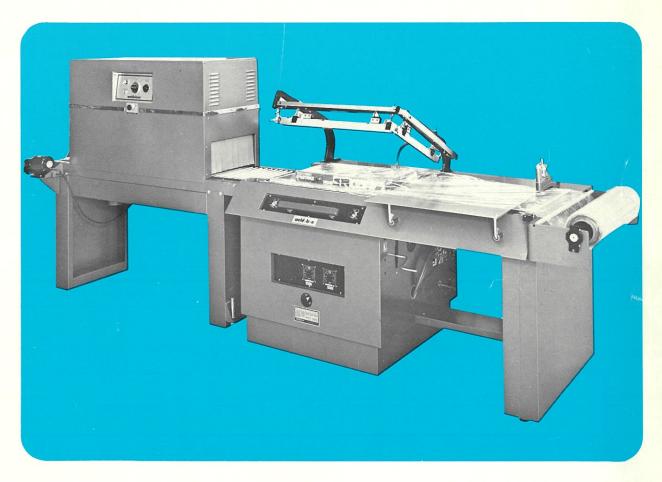




## SEMI-AUTOMATIC CONSOLE SHRINK PACKAGING SYSTEMS

WITH RIGHT ANGLE PRODUCT FEED

FOR OUTSTANDING **PACKAGING** RESULTS WITH ALL SHRINKABLE FILMS



#### **FEATURES:**

- Production rates up to 20 packages per minute
- Push button operation
- Automatic package discharge
- Patented radiant impulse sealing and adjustable self-compensating heat control system combine to insure uniform seal quality with all shrinkable films.



## 5200 Series\*

## SEMI-AUTOMATIC

## CONSOLE SHRINK PACKAGING SYSTEMS

5200 series wrappers combine air-powered sealing with automatic package discharge conveyor. Heavy duty sealing head construction and self-leveling seal bars assure consistent pressure and alignment, vital for optimum sealing performance. Quick conveyor height adjustment insures precise seal line positioning with products of varying depths. This combination of features makes it possible to produce up to 20 neat, trim-sealed packages a minute. With sealing head hold-down and powered product take away all automatically controlled, the operator is now free for production. Push button operation greatly reduces operator fatigue

and permits even untrained personnel to package at high rates. Brake controlled film unwind and an optional built-in high performance scrap removal system with 55 gallon drum allow the operator to maintain top efficiency throughout the day.

Highest quality components combined with rugged caster-mounted cast aluminum and steel console frame insure years of trouble-free service.

Other integral features of the 5200 series wrappers include: Duraloy™ element terminations, quick-adjust film core holders and a built-in operator safety system.

#### **SPECIFICATIONS**

5200 SERIES: Console type semi-automatic production L sealers with air-powered sealing head, powered discharge conveyor, automatic cycle timing; includes vacuum scrap removal system and hole punch.

	seal dimensions		Power		Shipping Dimensions	
Model	width x length	Volts	Amps	Phase	* Size	Weight
5201	20" x 16"	230	25	1	72" x 48" x 52"	610
5202	20" x 28"	230	30	1	72" x 48" x 52"	680
5203	20" x 40"	230	35	1	82" x 46" x 50"	760
5213	30" x 40"	230	40	1	80" x 56" x 50"	1020
5242*	20" x 28"	230	42	1	72" x 48" x 52"	680

<sup>\*</sup>Model 5242 is equipped with our Dynaband sealing system which creates wide, extra strong seals.

- Air requirement for all models: 6CFM free air, 80PSI
- All models available for 50 60 HZ. operation

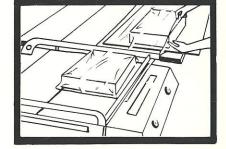
## A COMPLETE PACKAGE WITH EVERY STROKE!



Operator inserts product between layers of film.



After product is transferred to sealing area, operator presses palm buttons to activate sealing head.



The package is automatically sealed and carried by the conveyor into the shrink tunnel while the operator inserts next product into the film.

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