



HSA

Equipment

Catalogue (3)

**Your ultimate source
for packaging materials & equipment**



A Division of Manakz Corporation

HSA Equipment Catalogue (3)

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Pallet Wrap Equipment

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- Equipment

INFRAPAK EZ-DUZ-IT

A light-duty stretch wrapper with a 4,000 Lb. capacity
The INFRAPAK EZ-DUZ-IT is an ideal economical wrapper for those upgrading from a hand-wrapper, or anyone with infrequent wrapping needs. For those upgrading, the increase in productivity, consistency, and worker safety are well worth it. The EZ-DUZ-IT minimizes physical bending and thereby decreases the risk of back injury. All functions are powered and controlled from a panel on the machine. The standard EZ-DUZ-IT™ comes completely assembled and is ready to plug in and is available as high profile and low profile



Standard Features

- Manual electric controls
- Average cycle time 2 min (based on 3 bottom & 3 top wraps)
- Infinite wrap pattern freedom
- Forklift portable (either end)
- Custom formed steel channel with steel tube reinforcement
- All welded steel construction
- Fixed turntable speed: 8RPM
- UL approved components
- Variable stretch control (manual, 0%-100%)
- Adjustable carriage height stop
- Turntable height:
 - High profile: 12-7/16"
 - Low profile: 3-3/16"
- Variable carriage speed

Standard Features ... (cont....)

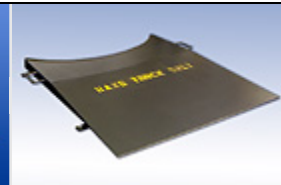
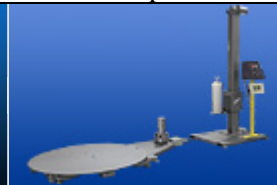
- Steel-It paint provides scratch resistant surfaces and prevents corrosion
- Maximum load size -- 50"x 50" x 83" (LP), 50" x 50" x 74" (HP)
- Maximum load weight 4000 lbs,

Optional Features

- Extended base frames for additional turning clearance for oversized pallets
- Tower height and turntable capacity upgrades
- Top platen device used to stabilize tall or light unstable loads for rotation
- A variety of access ramps to assist loading of pallet
- Wrap-N-Weigh configuration available to combine wrapping and weighing into one operation



INFRAPAK EZ-DUZ-IT HP



INFRAPAK EZ-DUZ-IT LP
(W/O Ramp)

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INFRAPAK EZ-DUZ-IT *plus*

A light-duty stretch wrapper with a 4,000 lb. capacity

The EZ-DUZ-IT™ plus is considered a light-duty wrapper, offering semi-automatic operation at an economical price.

This allows the operator to be free to perform other tasks during the wrapping cycle. This machine is available in high profile and low profile.



Standard Features

- Average cycle time 2 min (based on 3 bottom & 3 top wraps)
- TOC feature (Top Over-Wrap Control)
- Forklift portable (either end)
- Custom formed steel channel with steel tube reinforcement
- All welded steel construction
- Variable turntable speed: 0-12 RPM
- UL approved components
- Cycle pause control
- Turntable jog control
- Carriage pause control (banding)
- Photo electric load height sensing
- Dual LED wrap counters
- Turntable height: high profile: 12-7/16" low profile: 3-3/16"

Standard Features ... (cont....)

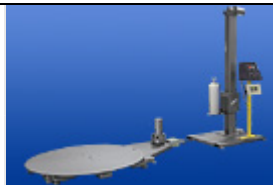
- Steel-It paint provides scratch resistant surfaces and prevents corrosion
- Electronic home position alignment
- Maximum load size –
 - 50" x 50" x 83" (LP),
 - 50" x 50" x 74" (HP)
- Maximum load weight 4000 lbs,

Optional Features

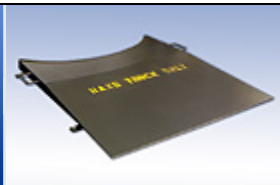
- Extended base frames for additional turning clearance for oversized pallets
- Tower height and turntable capacity upgrades
- Top platen device used to stabilize tall or light unstable loads for rotation
- A variety of access ramps to assist loading of pallet
- Wrap-N-Weigh configuration available to combine wrapping and weighing into one operation



INFRAPAK EZ-DUZ-IT *plus* HP



INFRAPAK EZ-DUZ-IT *plus* LP



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INFRAPAK Pro-Series

A medium-duty stretch wrapper with a 4,000 lb. capacity

The **Pro-Series** enjoys the reputation of being one of the most cost effective machines, pound for pound, on the market. It has many features found on much more expensive machines, including full powered pre-stretch, bringing greater productivity at an economical price. This machine is available in high and low profile.



Standard Features

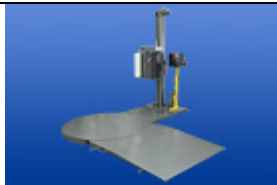
- TOC feature (Top Over-Wrap Control)
- EZ-LOAD Powered Pre-Stretch 150% - 300%
- Average cycle time 2 min (based on 3 bottom & 3 top wraps)
- Forklift portable (either end)
- Maximum load size -- 50" x 50" x 84" (LP), 50" x 50" x 75" (HP)
- Custom formed steel channel with steel tube reinforcement
- All welded steel construction
- Cycle pause control
- Turntable jog control
- Carriage pause control (banding)
- Electronic home position alignment
- Photo electric load height sensing
- Variable carriage speed
- Dual LED wrap counters

Standard Features ... (cont....)

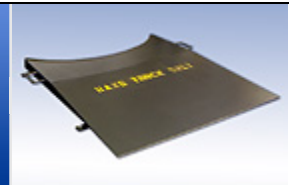
- Steel-It paint provides scratch resistant surfaces and prevents corrosion
- Anti-static pre-stretch rollers
- Corner compensation
- Maximum load weight 4000 lbs,

Optional Features

- Extended base frames for additional turning clearance for oversized pallets
- Tower height and turntable capacity upgrades
- Top platen device used to stabilize tall or light unstable loads for rotation
- Adjustable roping guide
- A variety of access ramps to assist loading of pallet
- Wrap-N-Weigh configuration available to combine wrapping and weighing into one operation



INFRAPAK Pro-Series



INFRAPAK Pro-Series LP

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INFRAPAK SIDEWINDER 4

A heavy-duty stretch wrapper in a 4,000 lb. capacity

The INFRAPAK SIDEWINDER™ represents one of the oldest names in the stretch wrapping industry. It is a name accepted by companies that know quality and reliability. This 24-hour continuous duty wrapper can be manufactured with extended towers for taller loads, extended bases for larger loads, and split frames for odd-sized larger loads. The SIDEWINDER 4 is also available with a 30" film carriage, cold packs, freezer packs, and dual turntables for greater thru-put.



Standard Features

- Panel controlled film tension adjustment
- TOC feature (Top Over-Wrap Control)
- Cycle pause control
- Turntable jog control
- Carriage pause control (banding)
- Corner compensation
- FILM SAVR: EZ-LOAD powered pre-stretch with anti-static rollers
- Photo electric load height sensing
- Average cycle time 2 min (based on 3 bottom & 3 top wraps)
- Maximum load size -- 50"x 50" x 83" (LP), 50" x 50" x 74" (HP)
- Turntable height: high profile: 12-7/16" low profile: 3-3/16"
- Custom formed steel channel with steel tube reinforcement
- Dual LED wrap counters
- Machine operational diagnostics
- Steel-It paint provides scratch resistant surfaces and prevents corrosion

Standard Features ... (cont...)

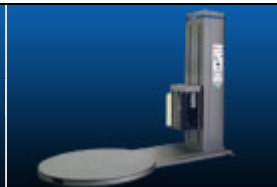
- All welded steel construction
- Allen-Bradley Micrologix PLC

Optional Features

- A variety of access ramps to assist loading of pallet
- Extended base frames for additional turning clearance for oversized pallets
- Tower height and turntable capacity upgrades
- Top platen device used to stabilize tall or light unstable loads for rotation
- Brake roller carriage for running netting film
- Cold packs and freezer packs for cold temperatures
- AFTD (Automatic Film Tear Device) - automatically tears the film at the end of the cycle
- Adjustable roping guide
- Plexiglass security cover to guard against operator misuse
- Anti-static rollers
- Wrap-N-Weigh configuration available to combine wrapping and weighing into one operation



INFRAPAK SIDEWINDER 4 HP



INFRAPAK SIDEWINDER 4 LP

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Pallet Wrap Equipment

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INFRAPAK SIDEWINDER 6

A heavy-duty stretch wrapper in a 6,000 lb. capacity

The INFRAPAK SIDEWINDER 6 is a 24-hour continuous duty wrapper can be manufactured with extended towers for taller loads, extended bases for larger loads, and split frames for odd-sized larger loads. The SIDEWINDER 6 is also available with a 30" film carriage, cold packs, freezer packs, and dual turntables for greater thru-put.



Standard Features

- Panel controlled film tension adjustment
- TOC feature (Top Over-Wrap Control)
- Cycle pause control
- Turntable jog control
- Carriage pause control (banding)
- Corner compensation
- FILM SAVR: EZ-LOAD powered pre-stretch with anti-static rollers
- Photo electric load height sensing
- Average cycle time 2 min (based on 3 bottom & 3 top wraps)
- Maximum load size -- 50" x 50" x 83" (LP), 50" x 50" x 74" (HP)
- Turntable height: high profile: 12-7/16" low profile: 3-3/16"
- Custom formed steel channel with steel tube reinforcement
- Dual LED wrap counters
- Machine operational diagnostics
- Steel-It paint provides scratch resistant surfaces and prevents corrosion

Standard Features ... (cont....)

- All welded steel construction
- Allen-Bradley Micrologix PLC

Optional Features

- A variety of access ramps to assist loading of pallet
- Extended base frames for additional turning clearance for oversized pallets
- Tower height and turntable capacity upgrades
- Top platen device used to stabilize tall or light unstable loads for rotation
- Brake roller carriage for running netting film
- Cold packs and freezer packs for cold temperatures
- AFTD (Automatic Film Tear Device) - automatically tears the film at the end of the cycle
- Adjustable roping guide
- Plexiglass security cover to guard against operator misuse
- Anti-static rollers
- Wrap-N-Weigh configuration available to combine wrapping and weighing into one operation



INFRAPAK SIDEWINDER 6 HP

INFRAPAK SIDEWINDER 6 LP

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INFRAPAK WRAP-N-WEIGH

Combining Wrapping and Weighing into one operation for even greater efficiency.

All INFRAPAK platform stretch wrapper models are available in the WRAP-N-WEIGH configuration. This alternative feature combines wrapping and weighing into one operation by integrating a precision scale and digital controls with either high or low profile turntables. Combining the two functions into one brings greater economy and efficiency to any wrapping operation requiring weighing.



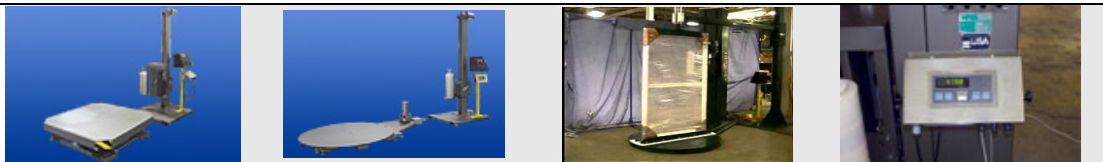
INFRAPAK WRAP-N-WEIGH

Standard Features

- 4 adjustable leveling pedestals
- Precision digital indicator with full numeric keyboard
- All-Metal digital indicator enclosure
- Easy-to-read LED display
- NTEP certifiable
- RS-232 interface connection
- Network addressable
- Scale controls are integrated into the wrappers control panel
- Heavy-duty connections between the wrapper and turntables

Optional Features

- Optional remote displays available



EZ_DUZ_IT WRAP-N-WEIGH HP	EZ_DUZ_IT WRAP-N-WEIGH LP
EZ_DUZ_IT <i>POWERED PLUS</i> WRAP-N-WEIGH HP	EZ_DUZ_IT WRAP-N-WEIGH LP
PRO-SERIES WRAP-N-WEIGH HP	PRO-SERIES WRAP-N-WEIGH LP
SIDEWINDER WRAP-N-WEIGH LP	SIDEWINDER WRAP-N-WEIGH LP

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INFRAPAK RT Series

The INFRAPAK line is complete with this sleek full service rotary tower machine. This system allows for the load to sit stationary while the wrapping sequence occurs. The RT-Series is far superior in performance with our unique drive system allowing 3 shifts per day, seven days per week.



Standard Features

- Machine operational diagnostics
- Semi-automatic controls
- 3 wrap pattern select feature
- TOC feature (Top Over-Wrap Control)
- Cycle pause control
- Turntable jog control
- Carriage pause control (banding)
- Adjustable top and bottom wrap counters (0-9)
- Panel controlled film tension adjustment
- Load height sensing eye
- Safety eye and brake system for the arm tower
- Pre-stretch: 100%-300%
- No film threading required with EZ LOAD FILM SAVR
- Variable arm speed: 0-12 RPM
- Safety flashing light
- Plate steel channel with steel tube reinforcement

Standard Features cont....

- All welded steel construction
- Allen-Bradley programmable logic controller with Arpac standard operator interface
- Steel-It paint provides scratch resistant surfaces and prevents corrosion
- Variable carriage speed
- EZ-LOAD Powered Pre-Stretch 150% - 300%
- Anti-static pre-stretch rollers
- Corner compensation
- Max wrap height: 80"
- Compact mounting stand

Optional Features

- AFTD (Automatic Film Tear Device) - automatically tears the film at the end of the cycle



INFRAPAK RT Series

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EZ Series

Features:

- **Vacuum Formers**
- For Skin Packaging, Blister and Vacuum Forming
- Solid State Control
- Variable Vacuum Control on TP Models
- Electromagnetic Film Frame Locks
- Low Cost Tubular Heating elements
- Pneumatic Operation
- Rugged Welded Steel Construction
- **1 - Year Warranty**



General Specifications

Model	Drape Height	Film Roll Width	Working Area	Platen Height
E-Z-1824	10" (25.40 cm)	20" (50.80 cm)	18" x 24" (45.72 cm x 60.96 cm)	38" (96.52 cm)
E-Z-2430	10" (25.40 cm)	26" (66.04 cm)	24" x 30" (60.96 cm x 76.20 cm)	38" (96.52 cm)

Model	Floor Space	Height	Electrical	Amperage	Weight (Approx.)
E-Z-1824	41" x 54" (104.14 cm x 137.16 cm)	60" (152.40 cm)	220V/1/60	27	485 lbs. (219.99 kg)
E-Z-2430	47" x 66" (119.38 cm x 167.64 cm)	60" (152.40 cm)	220V/1/60	34	565 lbs. (256.28 kg)

Model	TP Vacuum	PD Vacuum
E-Z 1824	X	X
E-Z 2430	X	X
E-Z 2436	X	X

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PC Series

Features:

- Energy Efficient Radiant Panel Heater
- Fast Heat Cycle
- Programmable Logic Controls
- Self Diagnostic
- Form up to 1/8" plastic
- Automatic Blister Blow Off
- Electromagnetic Film Frame Lock
- Rugged Welded Steel Construction
- Completely Self Contained
- Pneumatic Operation
- Variable Vacuum Control
- Customs Sizes Available
- **1 - Year Warranty**



The PC series machines are used for such diverse applications as:

- Skin packaging for point of sale,
- Skin packaging for protection during shipping,
- Blister forming and vacuum forming trays,
- R/C car bodies and various items using up to .125" plastics.
- Applications are limited only by your imagination.

Equipped with our patented radiant panel heater and programmable logic controls, they are the fastest cycling and most energy and labor efficient machines of this type.

- 92% - The amount you can save on your electric bill compared to competitive machines.
- 63% - The amount you can save on labor compared to competitive machines.
- \$10,800 - The amount you can save on a production run of 100,000 parts compared to competitive machines, and in just 3 months!

Model	TP Vacuum	Model	TP Vacuum	PD Vacuum
PC 1824	x	PC 2436	x	x
PC 2430	x	PC 2448	x	x
		PC 3036	x	x

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Skin Packaging Equipment

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T-1824 Skin Packer

Features

- Table Model **Skin Packaging Machine**
- Simply Pull the Heater Forward and the rest of the Cycle is Automatic
- One year parts Warranty
- Modular design. Inexpensively converted to fully automatic operation when your production demands more automation
- Solid State Controls
- Electromagnetic Film Frame Locks
- Heavy gauge welded steel construction
- Pneumatic Operation
- Low cost tubular heating elements
- Vacuum from up to 20 Mil plastics
- Fast heat up and cycle time
- Uniform sealing on corners and edges with unique heat reflector
- 1 - Year Warranty



General Specifications

Model	Drape Height	Film Roll Width	Working Area
T-1824	10" (25.40 cm)	20" (50.80 cm)	18" x 24" (45.72 cm x 60.96 cm)

Model	Dimensions	Electrical	Amperage	Weight (Approx.)
T-1824	41" x 54" (104.14 cm x 137.16 cm)	220V/1/60	27	250 lbs. (113.4 kg)

Optional Equipment

- Air Compressor and Tank

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Model CT1824 Skin Packer

Base Machine:

Options:

460 / 3 phase voltage:

Manual card in-feed table:

Heater standby system, keeps heater oven warm during extended intervals between cycles to provide consistent results:

Automatic High/Low Vacuum system, helps form film around complex parts:



Automation:

Single-station automatic card in-feed system:

Two-station automatic card in-feed system:

Stationary template system, single, mounted on automatic in-feed:

Stationary template system, double, mounted on automatic in-feed:

Transferable template system, single, mounted on automatic in-feed:

Transferable template system, double, mounted on automatic in-feed:

Automatic card out-feed system:

Please contact the HSA sales should you require a quote on a size, specification or option not listed above.

Delivery: Approximately 4 – 6 weeks.
8 – 12 weeks with optional feeding and discharge systems.

Payment Terms: Based on total order value. See Standard Terms & Conditions.

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Skin Packaging Equipment

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Starview PHS-1418

1.1 Description

Starview's PHS Series rotary type Clamshell and Blister sealers are designed for medium to higher volume production requirements. These machines may be used for Plastic-to-Plastic Clamshell sealing as well as conventional carded blisters, full face blisters and half-clamshell styles including applications using Tyvek, foils and other heat sealable lidstock. The PHS Series units are available in six (6) and eight (8) station designs. Six-station models are available in standard sealing areas of 14 x 18, 18 x 22 and 15 x 30 inches. Eight station models are offered in standard sealing areas of 14 x 18 and 16 x 20 inches. Larger sealing areas are available on request. The standard machines feature one heated sealing station and one cooled station with the remaining stations used for load/unload stations. For machines capable of higher production rates Starview's PHSA fully automatic sealers should be utilized.

1.2 Operation:

An accurate cam drive indexer is used for precision table position repeatability. Table speed is adjustable. The time interval at which the table indexes (dwell) is also adjustable to pace the operator(s) who load the blister(s), product(s) and card(s) and unload the sealed packages as they pass each respective open station. Sealing at the heated station is automatic and is controlled by the PLC seal timer. A cooling station immediately following the heated station is used to flatten the blister flange and fuse the two pieces of plastic together.

1.3 Optional Automation:

Starview's PHS Series rotary type clamshell and blister sealers are designed to include an optional automatic feeding system(s) and an automatic package discharge system. Our modular plug and play type design allows these units to be added to existing PHS Series machines at any time. Machines may be ordered without these options when lower production rates are needed. As production requirements increase these options can be ordered and user installed to provide increased productivity.

1.4 Standard Features

- ★ Programmable logic control (Omron)
- ★ Touch screen operator interface (Omron) includes:
 - Seal Timers
 - Dwell Timer

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- Step-up counter
- Production speed (cycles per minute)
- Manual / Auto mode
- Complete manual control of all individual functions for set up
- Table jog
- Low air pressure machine cycle stop
- Machine diagnostics with difficulty location
- Preprogrammed for one optional feed system and package unloading system
- On-screen system errors for troubleshooting
- Alarms
- Electrical parts page(s)
- Pneumatic parts page(s)
- Mechanical parts page(s)
- ★ Digital temperature controller
- ★ Main power switch
- ★ Two-position START/STOP system for Auto Mode
- ★ Emergency STOP push buttons (2)
- ★ Automatic turntable, cam index drive with variable speed AC variable frequency controller
- ★ Filter, Regulator & Pressure gauge & lubricator installed on airline
- ★ Heated sealing station
 - Hot plate insulator
 - Quick-change mounting for relieved face plates
 - Pressure regulator to adjust heated sealing station pressure
- ★ Cooling station
 - Water cooled platen
 - Quick-change mounting for relieved face plates
 - Able to be shut down for standard blister package sealing
- ★ **Base machine pre-wired, plumbed and programmed to accept one optional feeding system and finished package unloading system.**
- ★ Operator safety platen guard
- ★ Rotary table perimeter safety guard
- ★ Easy access through rear of machine for tooling changeover or maintenance
- ★ Welded heavy-wall steel tube construction
- ★ CSA / UL certified
- ★ Steel components painted blue color

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Skin Packaging Equipment

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1.5 Specifications:

Electrical (<i>Customer to specify</i>):	220 Volts / 1 PH / 33 Amps or 208-230 Volts / 3 PH / 19 Amps
Control:	24 Volts AC
Heating system:	Cartridge type 4.8 KW
Heated platen pneumatic cylinder bore size:	1 @ 6"
Temperature range for Plastic-to-Plastic sealing:	200-230° C
Temperature range for Blister-to-Card sealing:	170-180° C
Cooling platen pneumatic cylinder bore size:	1 @ 6"
Chilled water temperature required:	45-50° F
Air consumption per cycle :	1.8 scfm @ 100 psi
Seal area:	14" x 18"
Sealing pressure :	2900 lbs @ 100 psi air
Air inlet size:	1/2" NPT female
Open loading stations:	4
Standard clamshell / blister depth (bottom):	3.00"
Standard clamshell height (top):	1.5"
Cycle speed (Plastic-to-Plastic):	Variable 1 to 14 on average
Cycle speed (Blister-to-Card):	Variable 1 to 15 on average
Dimensions:	70"D. x 66"W x 70"H
Working Height:	37.0"
Weight:	1,500 LB.

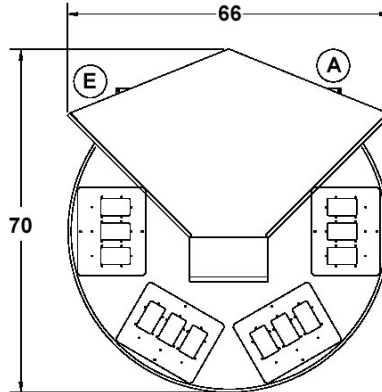
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Machine Floor Plan:

E=Electrical Connection
A=Air Connection



Options:

Voltage, other than standard:..... *Inquire*

Casters with locking wheels:

Adjustable sealing cylinder stroke system, uses proximity switch and PLC to improve cycle speed and reduce air consumption:

Chiller, self-contained refrigeration unit with coolant lines for Cooling Station:

Automatic self-standing Card Feeding System, may be purchased and attached to the machine at any time. Supplied complete with suction cup assemblies for up to 8 cavities of card feeding and mechanical attachment mechanism to link feeding system to main machine frame. Requires sealing fixtures designed for card feeding and card feeder magazine:

Automatic self-standing Clamshell Bottom or Top Feeding System, may be purchased and attached to the machine at any time. Includes mechanical attachment mechanism to link feeding system to main machine frame. Requires sealing fixtures designed for clamshell feeding and clamshell feeder magazine with vacuum plugs:.....

Automatic self-standing Finished Package Unloading System, may be purchased and connected to the machine at any time. Supplied with suction cup assemblies to discharge up to 8 packages per cycle:

Mechanical attachment mechanism, to link Finished Package Unloading System to main machine frame:

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Bag Sealing Equipment

HSA Price Book (3)
- Equipment

Model 70: Constant Heat Bag Sealers



Features:

- Heavy molded plastic
- 300 watt, 110 volt, 60 hz.
- Forms an 1/2" seal, 6" wide
- Lightweight, portable, hand operated
- Adjustable thermostat for temperature control
- Seals cellophane, polyethylene, or laminated poly-lined bags in light duty production application
- Perfect for labs, home freezer, packaging, candy, bagging, produce bagging, medical and dental packaging and industrial parts

ECONOMY HAND BAG SEALERS

Model 70 – 6" - 110V, Economy Hand Bag Sealer

Model 72 – 6" - 220V, Economy Hand Bag Sealer

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Bag Sealing Equipment

HSA Price Book (3)
- Equipment

Model 50: Hand Sealing Irons



Features:

- Accurately balanced and durably constructed
- Thermostatic heat setting control 175° - 550°F
- Seals all heat-sealable materials
- Available with Teflon® shoe for sealing soft plastics
- Grounded shoe
- Aluminum shoe
- Heavy duty rod type heat element may be quickly replaced

Hand Sealing Irons:

NON-TEFLON COATED SEALERS

Model 50 - 110V, 150W

Model 52 - 220V, 300W

TEFLON COATED SEALERS

Model 50-T - 110V, 150W

Model 52-T - 220V, 300W

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Bag Sealing Equipment

Model 210: Impulse Bag Sealers

Ideal for:

- Shipping departments
- Offices
- Mail rooms
- Retail counters
- Parts departments
- Low volume production lines
- Laboratories
- Sample rooms
- Medical centers



Features:

- Low cost, thrifty to use
- Lightweight, portable table model
- Fast impulse sealing of all type of plastic bags, including many laminates
- Seals thin as well as thick materials
- Just plug in and use, no warm-up needed
- No hot surfaces when not sealing
- Dependable time/temperature control
- Sturdy cast aluminum construction
- Band-type seal is liquid and air-tight
- Grounded 3-prong cord included as standard
- Teflon® covered sealing elements

Specifications

Model 210-8G:

- Maximum bag film thickness 5 mil
- Seal length 8"
- Weight 7 lbs.
- **110V Std. Outlet**

Model 210-12G:

- Maximum bag film thickness 5 mil
- Seal length 12"
- Weight 10 lbs.
- **110V Std. Outlet**

Model 210-16G:

- Maximum bag film thickness 5 mil
- Seal length 16"
- Weight 12 lbs.
- **110V Std. Outlet**

Option: Wire element instead of band element for Edge Seal and Trim.

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Strapping Equipment

HSA Price Book (3)
- Equipment

STRAPPING EQUIPMENT

1.6 D-53 Semi-Automatic Table Top Strapping Machine

- Utilizing two DC direct drives,
- D-52 was the first belt-less tabletop strapping machine.
- The D-53 is the second-generation version of this design from Strapack.
- The microprocessor has been upgraded to improve tension control.
- Tension is applied with a steel wheel allowing application of high tension without scuffing the strap.
- Tension is easily adjusted from 4.4 lbs to 100 lbs making the D53 a versatile strapping machine.
- **6 Month Warranty on Defective Parts Only**
- **High Quality Robust Machine**



▶ **DESK LIKE BODY**

- It provides a broad work space and maximum foot room

▶ **SMALL & FUNCTIONAL**

- Sealing head is located in the right side of the body in order to best utilize the working surface of the table top. Machine body is small and light, easy to maneuver, yet strong and sturdy for heavy packages.

▶ **VARIABLE AND CONSISTENT TENSION**

- Tension can easily be adjusted from low to high with a single dial. In addition, tension mode switch offers standard or high tension mode in order to provide a wider range of tension.

▶ **QUICK HEATER**

- Only requires 30 seconds to reach operating temperatures.

▶ **HIGH SPEED CYCLE**

- Cycle starts immediately after the strap is inserted into the band guide and completes the cycle faster than ever.

▶ **ENERGY CONSERVATION FEATURE**

- The motor automatically stops when the machine is idle for a while, and starts again once strap is reinserted into the band guide

▶ **STRAP SIZES OPTION**

- This model can be used with strap widths ranging from 5mm to 15.5 mm

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Strapping Equipment

HSA Price Book (3)
- Equipment

1.7 D53-RS Side Seal Strapping Machine

The D-53RS is a side-seal version of D-53 especially designed to strap donut-shaped bundles such as:

- Tires,
- Wires,
- Tubes and
- Hoses.

The two supporting bars rotate, making it easy to position the bundle with little effort.

The strap feeding buttons are located on the both sides of the machine to enable easy operation from either side.



- ▶ **SIDE SEAL**
 - Quickly strap donut shaped objects
- ▶ **VARIABLE AND CONSISTENT TENSION**
 - Tension can easily be adjusted from low to high with a single dial. In addition, tension mode switch offers standard or high tension mode in order to provide a wider range of tension.
- ▶ **QUICK HEATER**
 - Only requires 30 seconds to reach operating temperatures.
- ▶ **HIGH SPEED CYCLE**
 - Cycle starts immediately after the strap is inserted into the band guide and completes the cycle faster than ever.
- ▶ **ENERGY CONSERVATION FEATURE**
 - The motor automatically stops when the machine is idle for a while, and starts again once strap is reinserted into the band guide
- ▶ **STRAP SIZES OPTION**
 - This model can be used with strap widths ranging from 5mm to 15.5 mm

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1.8 53-HE Horizontal Strapping Machine

The D-53HE is designed to quickly and economically apply horizontal straps to palletized goods and "Gaylord" boxes where automated equipment is too expensive, and hand tools or buckles are too time consuming and cumbersome.

Strapping height is quickly adjusted through the easily operated counterbalance that moves smoothly and effortlessly to the desired strap location.

The innovative pendant switch allows operation of the machine from either side of the load while enabling the operator to control the feeding, tensioning, and sealing of the strap with one hand. Operator control makes positioning of the strap and/or the placement of corner protection an easy task.

The D-53HE is an ergonomic and inexpensive solution to the labor intensive placement of horizontal straps.



▶ HORIZONTAL STRAPPING

- Quickly and economically apply horizontal straps to palletized goods and "Gaylord" boxes

▶ VARIABLE AND CONSISTENT TENSION

- Tension can easily be adjusted from low to high with a single dial. In addition, tension mode switch offers standard or high tension mode in order to provide a wider range of tension.

▶ QUICK HEATER

- Only requires 30 seconds to reach operating temperatures.

▶ HIGH SPEED CYCLE

- Cycle starts immediately after the strap is inserted into the band guide and completes the cycle faster than ever.

▶ ENERGY CONSERVATION FEATURE

- The motor automatically stops when the machine is idle for a while, and starts again once strap is reinserted into the band guide

▶ STRAP SIZES OPTION

- This model can be used with strap widths ranging from 5mm to 15.5 mm

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Strapping Equipment

HSA Price Book (3)
- Equipment

1.9 D53-PLT Pallet Strapping Machine

The D-53PLT is designed to economically and quickly strap most kinds of pallets and skids using standard or heavier polypropylene strapping.

The D-53PLT can cut the time it takes to strap pallets up to by 2/3 when compared to hand tools. Its simple operation entails pushing the track into the pallet void, pressing a button to feed the strap, and inserting the tip of the strap in the machine - and within 2 seconds your strap operation is completed.

The D-53PLT's unique design enables to strap pallets as low as 350mm or 14".

Arch track is retractable with a hand-crank. The height of the track is also adjustable to two positions depending on the type of the pallet or size of its void.

For edge protection insertion, the manual mode can be selected to control strap completion.

► **BATTERY OR 110V MAINS OPERATED**

- The D-53 PLT is available as both a mains operated and a battery powered machine.

► **SMALL & FUNCTIONAL**

- Sealing head is located in the right side of the body in order to best utilize the working surface of the table top. Machine body is small and light, easy to maneuver, yet strong and sturdy for heavy packages.

► **VARIABLE AND CONSISTENT TENSION**

- Tension can easily be adjusted from low to high with a single dial. In addition, tension mode switch offers standard or high tension mode in order to provide a wider range of tension.

► **QUICK HEATER**

- Only requires 30 seconds to reach operating temperatures.

► **HIGH SPEED CYCLE**

- Cycle starts immediately after the strap is inserted into the band guide and completes the cycle faster than ever.

► **ENERGY CONSERVATION FEATURE**

- The motor automatically stops when the machine is idle for a while, and starts again once strap is reinserted into the band guide

► **STRAP SIZES OPTION**

- This model can be used with strap widths ranging from 5mm to 15.5 mm



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Strapping Equipment

HSA Price Book (3)
- Equipment

1.10 Model AQ-7 Automatic Strapping Machine

- The AQ-7 is a budget version of the RQ-8 strapping machine with the ability to reliably run 5mm and 6mm strapping, assuring perfect strap placement and alignment.
- Consistent tension is applied with a tension arm system. The AQ-7 features the same lubrication free operation as the RQ-8. Using cost efficient 3-phase power, the motors run only when necessary.
- Capable of 27 straps per minute, the AQ-7 offers proven reliability and durability at an affordable price.



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Strapping Equipment

HSA Price Book (3)
- Equipment

1.11 Model JK-5 Automatic Strapping Machine

- Strapack's new affordable JK-5 is designed to bring the productivity, speed, and ergonomics of arch strapping machines to those who have wanted an arch machine but have not been able to justify the cost.

- Features:
 - 110 Volt Power,
 - Strap width adjustment from 5mm to 5/8",
 - Up to 27 strap per minute speed,
 - Auto Re-feed,
 - Loop Ejection,
 - A patented strap dispensing system, and
 - Small footprint, the JK-5 can be used virtually anywhere.
 - Multiple Arch sizes Starting from 25" W x 20" H
 - Low Maintenance

- At an affordable price, UPS & FedEx shippers, first class mailers, small to medium size manufacturing concerns, and those customers that must have a strapping machine at multiple workstations, can afford to own the JK-5.



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Strapping Equipment

HSA Price Book (3)
- Equipment

ECOWATT CORRUGATED RE-CYCLER

INNOVATIVE

The cushioning material made by the ECOWATT from your scrap corrugated is unique and addresses today's economic and environmental concerns.

ELASTIC BY-PRODUCT

Waste corrugated is shredded and changed into cushioning material instantly. The ECOWATT's revolutionary cutter keeps the shredded material connected at all points leaving no messy scraps to be scattered. This innovative cutting method eliminates the hassle and mess normally associated with shredded material. The elasticity of the shredded material can easily be adjusted to meet your needs.

IMPROVED FEATURES

The new improved ECOWATT can process up to double-wall corrugated materials. Labels or packing slips need not be removed before the operation (please do *remove* the staples to avoid trouble).

SIMPLE & SAFE

Turn the switch on and the ECOWATT is ready to run! Interlock system assures safety.

PORTABLE & COMPACT

Very little space is required. The ECOWATT can easily be accommodated in your office or shipping area.

SAVINGS

You'll realize optimal package protection with practically no material cost. Why dispose of your excess corrugated when you can convert it into a reusable resource by recycling on-site?

Production Speed: 49.20 feet (15m) per minute

Power Supply: 220V/3 PHASE 60Hz 1.5Kw



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Q Series Features:

- Automatic Conveyor Belt Operation
- Automatic Off-Loading
- Teflon Coated Heat Platen
- Up to 10 Cycles per minute
- Sealing temperature controlled to within 1 degree F.
- Photo-Electric indexing
- All Solid State Controls
- **1 - Year Warranty**



Model Q 1218 Shown

Q 1218 - General Specifications:

Length	66" (167.64 cm)
Overall Height	48" (121.92 cm)
Working Height	36" (91.44 cm)
Width	27" (68.58 cm)
Platen	12" x 18" (70.48 cm x 45.72 cm)
Belt Width	18" (45.72 cm)
Blister Depth Maximum	3" (7.62 cm)
Power:	110/120 VAC 50-60 cycles, 20 Amps.
Finish:	Powder Coat
Casters:	3" (7.62 cm) Locking Wheels
Shipping Weight:	300lbs. (136 kg)

Options Price List:

Sealing fixtures quoted on request
Extension Table - \$ 1,595.00

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Blister Sealing Equipment

HSA Price Book (3)
- Equipment

Blister Sealing DS6C-1214



FEATURES AND DESCRIPTION

The Model DS6C-1214 is a six station rotary-type heat sealer designed for low to medium volume production requirements. This unit is typically used for conventional carded blisters, but can also be used for applications utilizing Tyvek, foils and precut laminated film lidstock. The standard machine features one seal station, and five load/unloading stations.

OPERATION

An accurate moderate speed, cam drive indexer is used for precision repeatability and is time controlled to pace the operator(s), who load the blister(s), product and card(s) into the seal tools, as they index past their loading stations. The machine can also run single cycle(s) by having operator(s) depress cycle start button when ready to start each new cycle. Sealing is automatic and controlled by a seal

Lead time 2-3 Weeks

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Blister Sealing Equipment

HSA Price Book (3)
- Equipment

Automatic SDS8S-1418 Rotary



Description

Visual's fully automatic rotary and carousel type blister sealing machines are ideal for high volume or JIT production. These machines can achieve speeds up to 15 cycles per minute. Model SDS8S-1418 and SDS16S-1418 are designed to feed blister(s), card(s), heat seal and discharge finished packages automatically. An impulse sealing option is available for sealing clamshell packages.

Operation

An accurate high-speed cam drive indexer is used for precision repeatability and is time and speed controlled to pace the operator(s) who load the product into the blister(s) as they index past the open loading stations. The machines can also run single cycle(s) by having the operator(s) depress the cycle start button for each new cycle. Sealing is automatic and controlled by the seal timer. Card(s) and blister(s) are fed from easy-to-load, quick-change feeder magazines.

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Blister Sealing Equipment

HSA Price Book (3)
- Equipment

Rotaries SDSC-F

DESCRIPTION



The "F", food tray packaging series, is ideal for ovenable and microwavable paperboard or plastic trays and lids. This series features stainless steel covers and turn table and a stainless steel tubular bench which allows for floor wash down.

Model shown with automatic lid feeding system
and automatic tray discharge

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Blister Sealing Equipment

HSA Price Book (3)
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Blister Sealing Specifications

Models	EM2	DS6C	SDS4C	SDS6C	SDS8C	ESDS4C	ESDS6C
Seal Area	14" X 18" (35.6cm X 45.7cm)	12" X 14" (30cm X 35cm)	14" X 18" (35.6cm X 45.7cm)		18" X 22" (45.7cm X 56cm)		
Blister Depth	3 1/4" (8.26cm) standard						
Seal Pressure	2900 lb. @ 100psi (1315.4 Kg @ Bar 7)	2000 lb. @ 100psi (907 Kg @ Bar7)	2900 lb. @ 100psi (1315.4 Kg @ Bar 7)		5000 lb. @ 100 psi (2268 Kg @ Bar 7)		
Seal Temp.	Precise Digital Controller 0-600 F (0-315.5 C)						
Seal Time	Adjustable 0-99 seconds						
Dwell Time	N/A	Adjustable 0-99 seconds					
Hot Plate	Teflon sheet covered						
Cycle Speed	Variable 1 to 6 on average	Variable 1 to 8 on average	Variable 1 to 10 on average				
Air Req.	80-100psi (Bar 5-7) - Supplied by customer						
Air Consumption per Cycle	1 CF @ 100psi (0.028m3 @ Bar 7)	0.60 CFC @ 100psi (0.017m3 @ Bar 7)	1 CF @ 100psi (0.028m3 @ Bar 7)		1.8 CD @ 100psi (0.050m3 @ Bar 7)		
Filter, Regulator, Lubricator & Gauge	Supplied by Visual						
Electrical	220/I Phase15 Amps	115 AC volts 50/60HZ 15 amps	220/I Phase15 Amps	220/I Phase 20 Amps	220/I Phase 22 Amps	220/I Phase 25 Amps	
Dimensions	44.5"W (113cm) 62"L (157.5cm) 63"H (160cm)	51"W (130cm) 63"L (160cm) 62"H (157cm)	66.5"W (169cm) 76"L (193cm) 63"H (160cm)	80"W (203cm) 88"L (223.5cm) 63"H (160cm)	66.5"W (169cm) 76"L (193cm) 63"H (160cm)	80"W (203cm) 88"L (223.5cm) 63"H (160cm)	
Working Height	36" (91.4cm)						
Weight	450 Lbs (204 Kg)	570 Lbs (258.5 Kg)	900 Lbs (408 Kg)	1300 Lbs (589.7 Kg)	950 Lbs (431 Kg)	1300 Lbs (569.7 Kg)	

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Blister Sealing Equipment

HSA Price Book (3)
- Equipment

Model S-1218 Features

- Table Model
- Two Station Shuttle Sealer
- Solid State Heat Controller. Maintains Platen Temperature within 0.5 F.
- Electronic Sequencing of Cycle.
- Built-In Air Pressure Regulator.
- All Solid State Controls
- Air Pressure Gauge
- Teflon Coated Heat Platen
- 1 - Year Warranty



Specifications:

Dimensions	S-1218
Length	45" (114.3 cm)
Overall Height	18" (45.72 cm)
Width	27" (68.58 cm)
Platen	12" x 18" (30.48 cm x 45.72 cm)
Blister Depth Maximum	3" (7.62 cm)
Power:	110/120 VAC
	20 Amps
	50-60 cycles
Finish:	Powder Coat
Shipping Weight	175 Lbs.

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A Division of Manakz Corporation

Die-Cutting Equipment

HSA Price Book (3)
- Equipment

RT Series Die Cutters

1.12 Description

The RT Series are extremely versatile, low to high production roller cutting presses. These units are typically used to cut a wide range of materials such as: skin packaged products, vacuum formed plastics, blisters, coroplast, cork, rubber and all other steel ruler die cutting applications.



Made in the USA

1.13 Operation

The operator places the steel rule die on the feed table with knife-edge up. The material to be die cut is positioned onto the die and covered with a polypropylene sheet. The "sandwich" so formed is then advanced to the main pressure rollers. Operator depresses the start button to initiate the automatic cutting cycle. When the sandwich has exited on opposite side of entry, operator depresses stop button, removes finished cut parts and repeats the process.

1.14 SPECIFICATIONS

Models	RT22-1	RT28-2	RT34-2	RT40-2	RT54-2	RT70-2
Electrical:	208/460/480/3 Phase / 50 / 60 Hz					
Pressure roller diam:	5.5"(14cm)	7.5" / 10.5" (19cm / 26.7cm)				
Gap between rollers (adjustable)	1" to 6.5" (2.5cm to 16.5cm)	0" to 6.5" (0cm to 16.5cm)				
Max. Die Width:	23.0" (58.4cm)	29.0" (73.7cm)	35.0" (90cm)	41.0" (104cm)	55.0" (139.7cm)	71.0" (180.3cm)
Max. Die Length:	unlimited with proper die support					
Dimensions						
Length:	80.0" (203.2cm)	108.0" (274.3cm)	116.0" (294.6cm)	132.0" (335.3cm)	156.0" (396.2cm)	
Width:	35.0" (88.9cm)	46.0" (116.8cm)	52.0" (132 cm)	58.0" (147.3cm)	72.0" (182.9 cm)	88.0" (223.5cm)
Working Height:	34.0" (86.4cm)	35.0" (89.9cm)				
Height	53.0" (134.6cm)	54.0" (137.2cm)				
Weight approx:	1050lb. 476.3Kg.	1400lb. 635Kg.	1600lb. 725.8Kg.	1900lb. 861.8Kg.	2300lb. 1043.3Kg.	3000lb. 1360.8Kg.

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A Division of Manakz Corporation

Die-Cutting Equipment

QQC Series – Die Cutters

QQC Series Features:

- **The easiest method of Die Cutting**
- **Cuts--** Plastics Skin Card Leather Cork Rubber
- Automatic Operation
- Cuts in both Direction
- Fast, Easy set up
- Low Cost Wood/Rule Dies
- Both Rollers Powered
- Heavy Duty Steel Construction
- **1 - Year Warranty**

General Specifications:

Model	Product Width	Roller Gap	Cutting Speed	Electrical	Dimensions	Weight
QQC 27	24"	1-6"	52' / min.	220/3/60	42" X 92"	1100 lbs.
QQc 37	34"	1-6"	52' / min.	220/3/60	52" X 92"	1300 lbs.

Polypropylene Cutting Pads

20 X 26	\$ 60.00
26 X 32	\$ 65.00
26 X 38	\$ 70.00
26 X 50	\$ 105.00
32 X 38	\$ 105.00

Your **ultimate** source for packaging materials & equipment

HSA PACKAGING SYSTEMS

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