

## AST/SNT Series

Automated, in-line, high-speed skin packaging Series

### The ZED Advantage

- Innovative technology
- Superior features
- Heavy duty design
- Excellent quality
- World-class performance
- Customized options
- Support and service



## Description

Zed Industries Auto-Skin-Trim (AST) and Skin-N-Trim (SNT) automated, high-speed, in-line skin packers have been designed to provide skin pack users with the competitive advantages they need today...and tomorrow! Advanced skin packing and hydraulic trim press design, precision engineered heating system, template product loading system, product sensor, variable speed in-feed, plus state-of-the-art control system, help operator

take proper advantage of quick change tooling systems and meet the demands of today's just-in-time and pack-to-order manufacturing environment. All Zed Auto Skin-N-Trim skin packers are built to legendary Zed specifications – tough and rugged enough to run on a continuous production basis.

## Features and Benefits

### Roll holder

- Located on machine frame for simple roll changes
- Large diameter roll capacity for longer production runs

### Heating system

- High efficiency, flat black, far infra-red system standard.
- Heaters move away from sheet during shut-downs to improve safety

### Card indexing system

- Exclusive card pusher system indexes card with superior registry and accuracy without moving parts
- Precision indexing film conveyors move card from skin pack to trim area

### Skin packaging station

- Exclusive vacuum box design ensures precision skin packing by moving the card to the film in the preferred horizontal orientation
- Material versatility – accepts Dupont Surlyn or polyethylene ( 2 mil. - 20 mil. ), board types of SBS cards or corrugate
- High-volume vacuum system features individual vacuum and bleed control

### Trim station

- Most powerful hydraulic die cutting trim press on the market
- 4-post press design with full trim-area size platens – up to 5" thick

### Package discharge

- After die-cutting, the cut cards are held in the web by tiny nicks which allow the entire card to index forward for case packing, etc.

### Scrap rewind

- Standard heavy-duty, pneumatic scrap web rewind.

### Computer control system

- Machine functions are controlled and easily adjusted via a touch screen
- Job memory capabilities can be saved to hard or flash drive
- Self-diagnostics and fault indicators simplify machine operation

### Available options

- Pre-heater system allows for increased cycle speeds up to 12 cpm
- Template load system for easy product placement and alignment
- Extra loading stations provide lengthened in-feed load conveyor
- Conveyor index speed control provides variable control of in-feed conveyor
- Automatic card feeder places master card on in-feed conveyor
- Magnetic board system prevents ferrous/metallic products such as drill bits, hole saws, etc. from moving on card prior to skin packing
- Protruding parts system for products which protrude through the card
- Electrical HIGH/LOW vacuum system for precision control of vacuum
- Blister forming system provides circuitry and valving for vacuum forming
- X-Y trim die adjuster allows fast and accurate cutting die adjustment
- Trim die sensor system detects if parts are out of position in the trim press
- Higher tonnage trim press: 110, 130, 160, etc. ton available
- Double acting trim press for parts which protrude through the card
- Quick-change trim die system to minimize changeover time
- Take-off conveyors with parts stripping systems
- Automatic lubrication system is electronically synchronized to machine

## Specifications

Model	AST	AST-10	SNT 1824	SNT 2430	SNT 2436	SNT 3036
Maximum card size	18" x 24"	18" x 24"	18" x 24"	24" x 30"	24" x 36"	30" x 36"
Maximum part height	4"	2.5"	4"	4"	4"	4"
Trim press tonnage	50	80	80-110	80-130	80-130	80-160
Basic dimensions (LxWxH)	12'x4'x6.5'	16'x4'x6.5'	18'x4'x6.5'	20'x4'x6.5'	20'x5'x6.5'	24'x5'x6.5'
Max. speed (cycles/minute)	7	12	7	7	7	7

All listed specifications are approximate. Other sizes and custom systems available on request.

## Customer Benefits

- Start up assistance
- Tooling
- After-sale support
- Marketing support

With over 50 years of experience, Zed Industries is the leading manufacturer of thermoforming and plastic packaging equipment including heat sealers for carded blister packs and clamshells, skin packers, die cutters, form/fill/seal equipment, thermoformers and custom engineered packaging systems.



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