

## SC Series

High speed, in-line, pressure formers



### The ZED Advantage

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



## Description

The ZED SC Series of self-compensating, high-speed, in-line thermoformers has been specifically designed to provide custom formers and in-plant users with the competitive advantages they need today...and tomorrow. Advanced form and trim press design, a new self-compensating seal system, plus state-of-the-art controls help

operator take proper advantage of quick-change tooling systems to meet the demands of today's just-in-time and pack-to-order manufacturing environment. The Zed SC Series thermoformers are rugged enough to run on a continuous production basis.

## Features

### Roll stand/infeed

- Free standing or machine mounted
- Sheet dancer/payoff system
- Double roll holder for 36" diameter rolls
- Roll lifters

### Heating System

- High efficiency, flat black, far infra-red system standard with individually controlled edge heaters.
- Heaters move away from sheet to insulated staging areas during shut-downs for safety and to improve heating upon restart.

### Optional:

- Sheet temperature sensor, sheet drape level sensor, ceramic, or quartz elements

### Sheet indexing system

- Servo motor driven pin chain indexer with increased torque for superior accuracy and transport of difficult materials
- Double wide roller pin chain rides on hardened ways for increased accuracy and longevity
- Adjustable screws allow easy rail width changes and/or "splaying"

### Form Station

- Exclusive self-compensating seal system replaces toggles and eliminates shimming during changeovers
- High stability through low profile 4-post press design and lock
- Deep draw capability – top & bottom

- Solid steel, full form area size platens to support tooling
- "Quick-Change" tooling systems to reduce set-up time to just 5 minutes

### Trim Station

- Most powerful 4-post trim press on the market (up to 260 tons)
- Solid steel, full trim-area size platens (up to 6" thick)
- Exclusive Zed pancake cylinder provides high tonnage trimming
- Electric trim press positioner for stroke changes
- Motorized and upgrade versions of X-Y trim die adjusters
- Trim on the mold for thermoformed parts requiring precision tolerances that only cut-in-place forming can provide.

### Parts stacker (Optional)

- Finished trimmed parts stacker is simple to operate and change
- Automatic counter/unloader system will automatically count, stack and discharge parts based on a pre-selected amount

### Scrap rewind

- Standard, heavy-duty, pneumatic scrap rewind
- Web may also be fed directly into available grinder

### Control system

- All machine functions are controlled and easily adjusted via HMI
- Job memory capabilities with networking options
- Self-diagnostics and fault indicators with "help" photographs simplify machine operation and maintenance
- Cool blowing circuitry and valving included

Model	SC 2222	SC 2525	SC 3030	SC 3036	SC 3048
Maximum mold size	22" x 22"	25" x 25"	30" x 30"	30" x 36"	30" x 48"
Form press stroke (top & bottom)	5"	6"	6"	6"	6"
Trim press stroke (top & bottom)	5"	6"	6"	6"	6"
Trim press tonnage	80	110	110-160	110-160	110-230
Dimensions (LxWxH)	24' x 6' x 7'	28" x 6.5' x 7'	31' x 7' x 7'	31' x 7.5' x 7'	42' x 7' x 7'

All listed specifications are approximate; final "as built" specifications depend on customer requirements.

Other sizes and custom systems available on request (customer form area sizes – up to and exceeding 100 inches)

## 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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