

COMPUTERIZED PARISON STRETCHER



CONSISTENT AND ACCURATE NECK-DOWN TUBING FOR BALLOON FORMING

- High throughput with up to 3 tubes per cycle
- Easily programmable using the tilt touch screen
- PLC-controlled with program storage
- Password lockout
- Uniform stretched tubing with repeatable results
- Custom heater jaws for a wide range of balloon tubing materials and size

DESCRIPTION

The Interface CPS-1000 is a system designed to stretch or neck-down tubing parisons in preparation for the balloon forming process. It is easily programmable through the tilt touch screen and capable of storing multiple program parameters with an operator lock-out option. Parameters include:

- Stretch speed
- Temperature
- Distance
- Timing

The CPS-1000 can stretch up to three parisons with consistent results for high production yields. The moveable heater jaws maintain tubing integrity. Tubing is easy to load and clamp into place. The CPS-1000 has a pre-necked tubing tray for operator ease of use. The parison stretcher can handle a variety of tubing sizes and materials including nylon, polyethylene, polyurethane, PET and more.

HOW IT WORKS

The operator enters the stretching parameters via the touch screen to automatically control the sequence, including timing, draw speed, distance and temperature, for each stretch cycle. The heater jaws are maintained at a constant temperature to reduce cycle time. The jaws extend during the tube heating process and retract when not in use. The parisons are gripped by air-powered clamps that provide a strong grip on the tubing for the stretch cycle. Parisons are formed in one cycle and once completed the parisons are easily removed.



SPECIFICATIONS

Dimensions:	60.5" W x 22.0" D x 17.8" H 1,537 mm x 559 mm x 452 mm
Electrical Power:	110VAC 60 Hz F 6.25A 250 V 220-240 VAC 50 Hz F 5A 250 V
Tubing Capacity:	Balloon diameters up to 13 mm – 3 tubes per cycle Balloon diameters greater than 13 mm – 1 tube per cycle
Maximum Stretch Distance:	350 mm each direction (13.78")
Temperature Range:	Up to 400°F (204°C)
Stretch Speed:	1 to 240 mm/sec