LINE ITEM 1   MODEL 1518 FACTORY REFURBISHED TRAY SEALER s/n AV00309A

- Heat Sealing Area - 15 in. X 18 in. (38.1 cm x 45.7cm)
- Manually operated **DUAL** aluminum shuttles, clear anodized, on smooth 1" diameter stainless shafts w/non-lube linear ball bearings
- Two hand Banner Opti-touch safety rated sensors (not single button) per OSHA 1910.212 & 1910.144 requirement, ergonomically correct positioning
- Emergency stops, includes stationary safety shields yellow/red meet CE, UL, CSA, OSHA, ISO13850
- Heating Elements - 240v, Large mass flat 1" heat plate w/internal heaters, 3000w
- Seal Platen – precision machined flat Aluminum, Dupont Teflon Silverstone coating is included
- Electrical Requirements - 3 KW **208V/1ph (220-240/1ph can be updated if required)**
- Sealing Force– adjustable up to 5,000 lb-f, precision stationary surface base supports tool shuttle. Pneumatic Rotochamber (NEW) provides down-force.
- 1" Press shaft bearings (NEW)
- Air Dump safety valve, OSHA approved, lock out/tag out
- Floor Space – 68" X 35" (172 cm x 89cm) resulting in no wasted space compared to carrousels
- Machine mounted non-mar SS casters w/ brakes (NEW)
- Rigid welded 3/16" steel tubular framework w/epoxy painted white standard. NEMA 12 enclosures.
- Components compliant with IEC 60204-1, CE/CSA/UL as applicable to touch protection.
- Stainless steel physical operator guards on Auto Shuttle models. Guarding meets OSHA 1910 sub-part 0, 1910.145, EN415-1 & -3.
- Quick change lift off tooling shuttles to provide versatility and productivity; includes SS locator pins for positive locating of tooling nests.
- Inlet air filter (5 micron) included, ¾" NPT ready for non-regulated supply air connection (NEW)
- Single exhaust port with 20 micron filter or for connection to discharge line from room. Sound level complies with OSHA 1910.95 (NEW)
- Sealer is ready for operation upon connection to air and electric power. Power lead provided. Requires power plug at install.
- Weight - 650 pounds (204kg); rugged, durable, not made of angle and sheet metal

STANDARD CONTROLS FEATURES
- Mitsubishi FX3u PLC
- Beijer 10"color touch screen (1) operator interface terminal (OIT-HMI); stores multiple recipes, requires ID/PW sign-in (NEW)
- On-screen programmable Time and Temperature controls w/alarm limits is standard (NEW)
- Individualized operator (optional), supervisor/engineer or calibration unique sign in ID/PW for assigned access levels

- Printer port for PCL5 output for UDI data, cycle data, etc. (NEW)
- Odometer and resettable cycle counter. (NEW)
- Powered USB ports (2) for barcode scanner (not included) entry of UDI, sign-on, etc. Manual input on screen permitted also. (NEW)
- Data Logging memory of all sign-on access, recipe changes and UDI as well as process data per each cycle. Memory accessible for manual offloading only. No edits permitted. (NEW)
- Capability to match recipe with barcoded tooling and barcoded device/paperwork during setup of production. (NEW)
- Redundant automatic heater over temperature safety cutoff control circuit, Factory Mutual approved controller, 300F cutoff standard (NEW)
- Electronic process monitoring with temperature & air pressure sensor fail-safe alarms for parameter recipe settings, PW protected.
- Four (4) dual lead special grade thermocouples for control feedback & accurate individual temperature displays on OIT while providing signals to calibration ports for simultaneous reading, PW protected. (NEW)
- Individual thermocouple calibration connectors (4). On screen calibration of each (4) thermocouples. (NEW)
- Alarm screen details and alarm warning. Alarm screen history (10-20 lines).
- Low profile Banner alarm light for recipe parameter alarms. (NEW)
- Pressure regulation w/precision manual adjustment & liquid filled precision gauge as well as digital readout on screen (NEW)
- Pressure calibration port for easy gauge connection to pressure circuit (1). On- screen calibration of pressure circuit.
- Timer calibration connector (1) 24vdc signal. (NEW)
- Eye level controls including HMI screen, reset(s) and others.
- English units of measure readouts.
- Password protection for validated recipes & calibration screen
- Air Usage - .35 CFM @ 80 PSI at 4 cycles per minute. Supply @ 100psi with 1/2"+ dia line minimum.

INCLUDED OPTIONS

1. **Auto Shuttle System**; pneumatically operated shuttles for smooth motion of shuttles in and out of press area. Interlocked with Banner hand sensors for safe platen operation. Includes side clear panel guards at shuttle bearing side locations.
2. Upgrade from standard manual pressure regulator. **Auto Pressure Process Control System** including additional programming to Mitsubishi PLC & Beijer touch screen operator interface, pressure transducer using I/P transmitter for automatic programmed fine air pressure closed loop control with PLC controlled Festo auto regulator though OIT screen setting. Always includes Atlas Vac standard digital pressure and temperature

monitors with alarm system on screen.   Provides Auto Air Pressure Control <u>settings on the screen in lieu of standard manually set regulator</u>.

3. **<u>Infrared Thermal Vision System</u>** (patented) sensors (2) to sense platen surface temp, calibrated at 240 degrees F nominal set point. PLC IR sensor readings individually displayed on screen, for ref only. System is in addition to standard thermocouples.

Calibration documentation and 1 year warranty included.