

CUSTOMER SATISFACTION.....“Whatever it takes”

PRESS DESCRIPTION

The Servo Semi Automatic Press Workstation allows precise control of the press operating parameters (Force, Distance and Speed) as a self contained ergonomic solution.

Both force curve and SPC control graphs are displayed for the current product being processed.

Data for all products are stored in a database and sent to facility mainframe on demand.

Product recipes (programs) are entered with Pass/Fail characteristics. At the end of each cycle the system displays and records pass/fail information.

Automatic add on peripherals are available.

STANDARD FEATURES

- 15 inch touch screen operator interface
- Force and SPC graphs shown of product in-process
- Unlimited storage of product profiles
- Display current production run Quantities
- Process stops with unexpected press force at distance
- Windows based PC software
- Bar code ready
- Programmable hold time
- Light curtains for operator safety



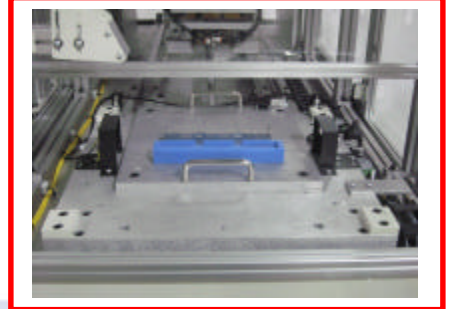
PRESS PLATE WITH PIN CHECK



CONTINUITY CHECK



TOOLING FIXTURES



SEMI AUTOMATIC SERVO PRESS

CUSTOMER SATISFACTION.....“Whatever it takes”

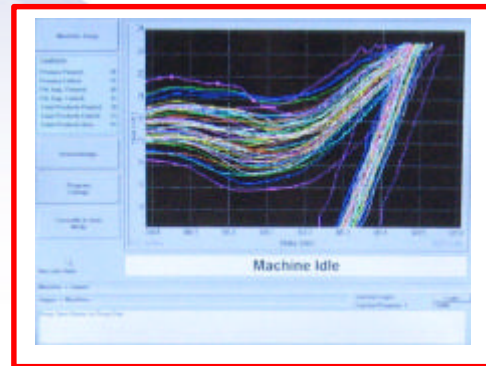
| Features for 20" window | SAP12-20 | SAP32-20 | SAP55-20 | SAP80-20 | SAP110-20 |
|--------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Force KN / Tons | 12 / 1.3 | 32 / 3.6 | 55 / 6.2 | 80 / 9 | 110 / 12.3 |
| Footprint (W" x D" x H") (in) | 28x25.5x78 | 28x25.5x82 | 28x25.5x84 | 28x25.5x86 | 28x25.5x92 |
| Ram Stroke (in) | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| Vertical tooling / Product Area (in) | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 |
| Ram Approach Speed (in/sec) | 3 | 3 | 3 | 3 | 3 |
| Ram Press Speed- Programmable | .1-3 in/sec | .1-3 in/sec | .1-3 in/sec | .1-3 in/sec | .1-3 in/sec |
| Drive Type | Screw | Screw | Screw | Screw | Screw |
| Accuracy (in) | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| Repeatability (in) | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| Tooling surface on Ram (W" x D") | 6.5x4 | 9 x 5 | 9 x 5 | 10 x 6 | 10 x 6 |
| Max Product width accepted (in) * | 20 | 20 | 20 | 20 | 20 |
| Throat Depth (behind Ram) (in) | 14.5 | 14.5 | 14.5 | 14.5 | 14.5 |
| Machine Front to Press center (in) | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 |
| Force, Speed, SPC Graphing | std | std | std | std | std |
| Safety Light Curtains | std | std | std | std | std |

CHART NOTES:

- 1) Ram strokes available up to 20 inches
- 2) Higher Ram Approach speeds Available
- 3) Tooling Surface should be centered (80% of Load) on ram
- 4) Deeper throat depths available

* 24" and 36" Product windows optional

SOFTWARE



SPECIAL NOTES:

- (TS) Top & Bottom Press Tooling Set
- (TSET) Top & Bottom Tooling set w/ Electrical Pin Check
- (PTF) Press-Thru fixture
- (HC) Hand crank (x-axis) Top Tooling Position
- (PTT) Programmable Position Top Tooling (x-axis)
- (FS) Bar Code Scanning - Fixed Location - (2D)
- (HS) Hand Held Bar Code Scanner
- (MPxx-24) 24" Product Window
- (MPxx-36) 36" Product Window
- (LT) Light Tower w/ alarm

PART NUMBER CONFIGURATION

SAP(Force)-(Window width)-(options)-(options)

- MP= Manual Press
- SAP= Semi-Automatic Press
- AP= Automatic Press