

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

PRESS DESCRIPTION

The Servo Automatic Press System 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.

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
- Automatic product and component loading

VISION INSPECTION WITH PIN CHECK



TRAY FEEDERS



TOOLING FIXTURES



ROBOTIC LOAD



AUTOMATIC SERVO PRESS

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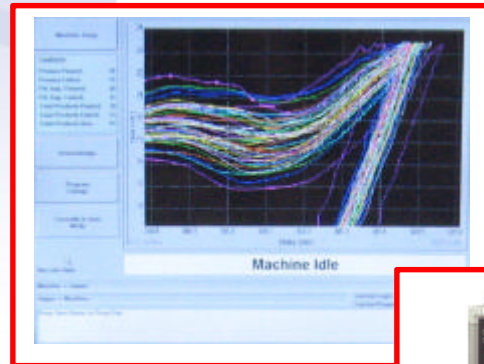
Features for 20" window	AP12-20	AP32-20	AP55-20	AP80-20	AP110-20
Force KN / Tons	12 / 1.3	32 / 3.6	55 / 6.2	80 / 9	110 / 12.3
Footprint (W" x D" x H") (in)	28x25.5x78	28x25.5x82	28x25.5x84	28x25.5x86	28x25.5x92
Ram Stroke (in)	5.5	5.5	5.5	5.5	5.5
Vertical tooling / Product Area (in)	11.5	11.5	11.5	11.5	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
- (TF) Tray Feeders
- (RA) Robotic Assist Loading

PART NUMBER CONFIGURATION

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

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