



Azimuth Servo press

Custom build presses to suit your needs



SERVO S MODEL

Azimuth's new mini servo press S offers safety of operation, fastest press speed in the industry. Our all new press control from SYSMAC interface offers a wide possibility of operation & an easy way to integrate any equipment. With the adjustable stroke directly from the Servo interface, you can now run your press with a short stroke one day & longer stroke the other day. Shorter Stroke continuous (SSC) offers an high speed application when running short stroke application.

BENEFITS

- Programmable angle from the operator interface
- 7" 4K HMI with build in procedure
- 4 points gibbing
- 4 programmable CAM angle
- 4 dedicated Die protection
- Programmable Job (optional)
- Solid state press control (Wintriss press control)
- Several modes of operation of the press (Single stroke, Inch, Continuous, Automatic single stroke & more)



PARAMETER/MODEL		6-S	10-S	15-S	22-S	33-S
NOMINAL CAPACITY		6	10	15	22	33
RATED TONNAGE BDC		0.062	0.09	0.09	0.125	0.125
FULL STROKE LENGHT		1.25	1.75	2	3	3
STROKE LENGHT (FULLY ADJUSTABLE)		Up to 1.25	Up to 1.75	Up to 2	Up to 3	Up to 3
MAX SPM AT FULL STROKE						130
MAX DEGREES PER SECONDS		0				780
MAX. DIE SET HEIGHT		5.625	6	7	7.5	8.5
DIE HEIGHT ADJUSTMENT		1.25	2	2	2.5	3
THROAT DEPTH		4.5	5.5	6	7.25	8.5
RAM DIMENSION	L x R	5.5	6.5	8	6.5	14
	F x B	3.5	4.5	5.25	9.5	9
SHANK DIAMETER	DIA	1.5				
BOLSTER SIZE	L x R	11	14	17	20	24
	F x B	7	9	10	12	14
FLOOR TO BED DIMENSION		39.5				
OVERALL SIZE	F x B	S	28.5	28.5	41.5	48
	L x R	17	24.5	36	30.5	30.5
	H	36	68	68	80	86

Azimuth Servo Press controller



4 modes of operations

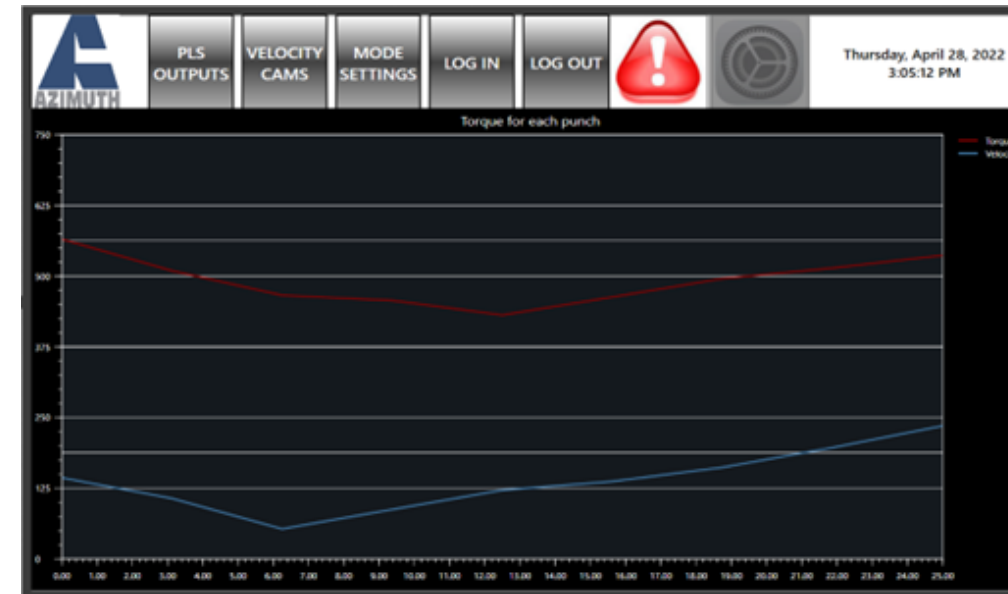
- Full stroke (typical)
- Full stroke automatic
- Pendulum
- Pendulum automatic

Maintenance screen set-up

- Set-up maximum torque
- Easily track maintenance counter for preventive maintenance

Adjustable stroke

- Adjust the press stroke from the HMI
- Easily change from Maximum press stroke to safety 1/4" opening



Enabled:	Number:	Angle (lower):	Angle (higher):	Direction:	Action:
<input type="checkbox"/>	0	0	0	Bi-Directional	
<input type="checkbox"/>	1	0	0	Bi-Directional	
<input type="checkbox"/>	2	0	0	Bi-Directional	
<input type="checkbox"/>	3	0	0	Bi-Directional	
<input type="checkbox"/>	4	0	0	Bi-Directional	
<input type="checkbox"/>	5	0	0	Bi-Directional	

Cam No.	Enabled	Angle (lower)	Angle (higher)	Direction	Modifier (%)
1:	<input type="checkbox"/>	0	10	Bi-Directional	50
2:	<input type="checkbox"/>	0	10	Bi-Directional	50
3:	<input type="checkbox"/>	0	10	Bi-Directional	50
4:	<input type="checkbox"/>	0	10	Bi-Directional	50
5:	<input type="checkbox"/>	0	10	Bi-Directional	50
6:	<input type="checkbox"/>	0	10	Bi-Directional	50
7:	<input type="checkbox"/>	0	10	Bi-Directional	50
8:	<input type="checkbox"/>	0	10	Bi-Directional	50
9:	<input type="checkbox"/>	0	10	Bi-Directional	50
10:	<input type="checkbox"/>	0	10	Bi-Directional	50

Realtime torque monitoring

Realtime torque monitoring allows you to troubleshoot your application while running the press. You can easily put a maximum torque to each job of your press to protect the machine & your tooling

PLS & Die protection features

- 6 dedicated channels for programmable limit switch
- Optional Feed interface save PLS outputs
- Optional die Die protections features
- 8 different modes for die protections

Azimuth Speed CAM Features

Azimuth Speed CAM allows you to control your crankshaft motion in 10 points. You can easily slow down your press while forming parts & accelerate your press up to 200% of servo speed outside the working area.

