



Presses & Automation
SINCE 1975



Model S
Azimuth Servo Press



Azimuth Servo press

Model S



- Servo motorized – Fully Electrical
- Single Stroke, continuous & Pendulum
- PFI (press feed interface) – Optional with Servo feed purchase
- Adjustable Stroke – Easily Adjust the machine stroke from the HMI to run with shorter stroke & increased speed
- Programmable CAM OUTPUTS
- Optional Die protection modes
- Safety Programmable torque protects the machine





Azimuth Servo press Model S

- Heavy duty belt driven press
- Several modes of operations allow you to change stroke of press to easily achieve faster speed
- Optional guarding system available



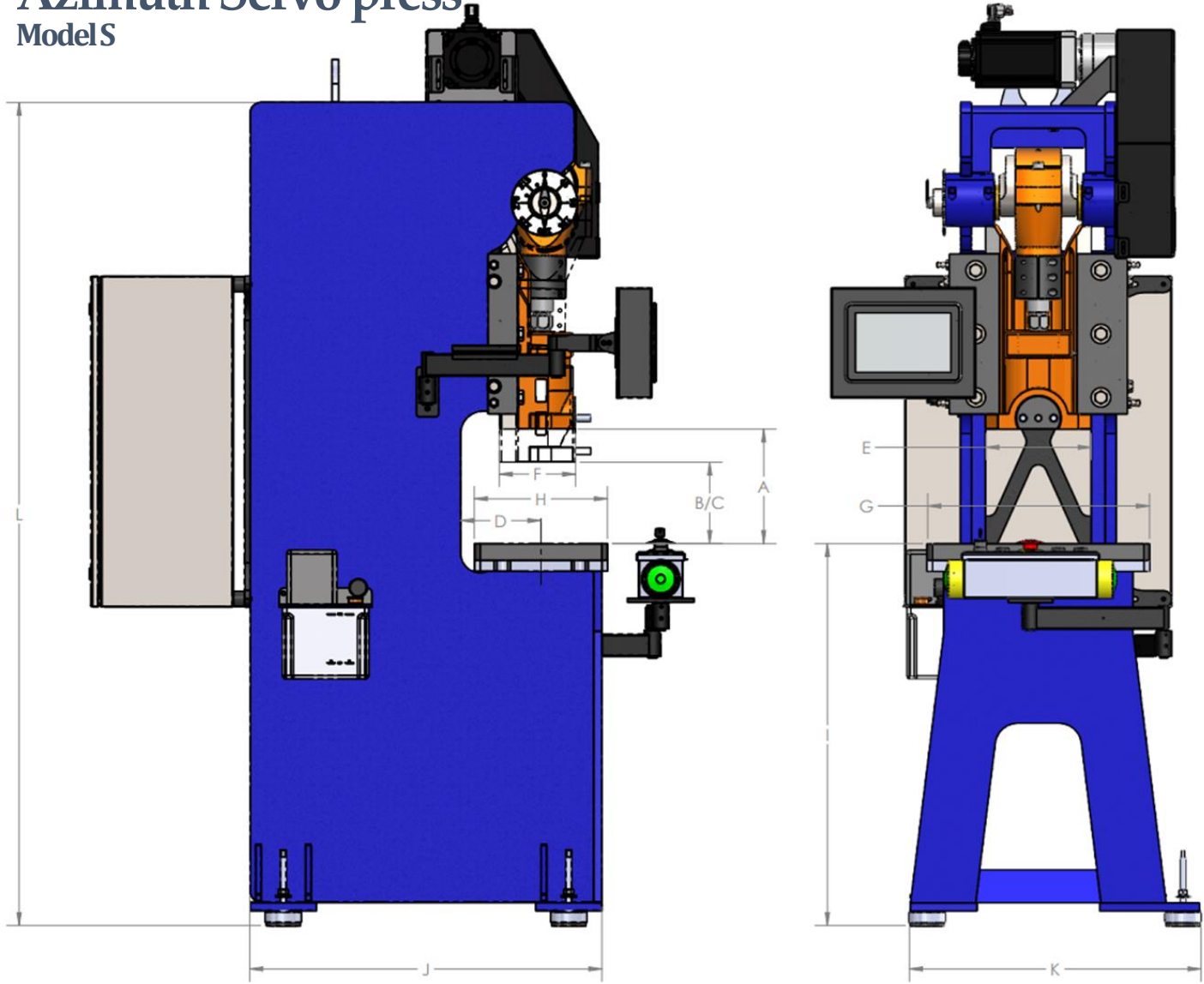
- Servo feed interface available when purchased with Azimuth AZ-F, AZ-MSF
- Custom frame available upon request
- Custom stroke available upon request





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PARAMETERS		DIMENSIONS	Unit	6-S	8-S	10-S	15-S	22-S	33-S	44-S
Nominal Capacity			Tons	6	8	10	15	22	33	44
Slide Stroke Length		A	in	1,250	1,500	2,000	2,000	3,000	3,000	3,000
Max. SPM @ full stroke			SPM	200	200	160	160	90	55	55
Max. degrees per seconds			DEG/sec.	1200	1200	960	960	540	330	330
Max. Die Set Height		B	in	5,63	6,00	6,00	7,00	7,50	8,50	9,00
Die Height Adjustment			in	1,25	1,50	2,00	2,00	2,50	3,00	3,00
Min. Die Height Adjustment		C	in	4,38	4,50	4,00	5,00	5,00	5,50	6,00
Throat Depth		D	in	4,50	5,00	5,50	6,00	7,25	8,50	10,00
Ram Size	F x B	E	in	5,50	6,00	6,50	8,00	9,50	14,00	14,00
	L x R	F	in	3,50	4,00	4,50	5,25	6,50	9,00	9,00
Bolster Size	F x B	G	in	11,00	12,00	14,00	17,00	20,00	24,00	28,00
	L x R	H	in	7,00	8,00	9,00	10,00	12,00	14,00	18,00
Bolster surface height		I	in	37,70	33,64	34,67	34,00	34,64	35,14	39,50
Overall Size	F x B	J	in	22,50	19,75	22,75	24,00	31,75	39,50	48,00
	L x R	K	in	25,25	18,00	20,00	24,75	26,00	31,75	30,50
	H	L	in	63,62	65,50	71,38	72,00	81,00	86,00	86,00
Motor Power			hp	4,0	4,0	6,3	6,7	10,1	14,8	20,1
Weight			lbs	650	850	1000	1250	1650	2500	3000



Azimuth Servo Press control

Home screen gives you access to every mode of operation such as Full stroke, Full stroke automatic, Pendulum & Pendulum auto.

Easily adjust stroke of your press from the Pendulum Screen parameters.

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	

The PLS Output screen allows you to adjust relay output to external equipment such as Feed signal, blowoff, etc.

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

The Velocity CAM adjustment allows the operator to increase speed of the RAM in the upstroke & down stroke while also being able to slow down the press in the working zone.



Azimuth turnkey solution

We specialized in complete turnkey press line solution & design, which allows our customer to provide us complete contract in integrating their press solution. We supply & manufacture;

Presses

Tooling

Custom controller solution

Feed-line

Safety integration





WARRANTY PLAN Servo Press

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Year's servo, drive & Gear-head, PLC & electrical components warranty

Azimuth machinery warrants to the original purchaser, to repair or, at AZIMUTH MACHINERY'S sole option, replace any major servo failure, servo drive & gear head & ALL Electrical components (greaser, oiler, motor, main controller, sensors or buttons) after examination by AZIMUTH MACHINERY's properly authorized representative, to be defective in material or workmanship under normal use within three (3) years or, if sooner, **5,000,000 strokes** after the original date of shipment from the AZIMUTH MACHINERY plant.

Does not include labor^[1] or diagnostic work. The original purchaser will be responsible for travel costs and expenses.

3

Years mechanical parts warranty (Frame, mechanical components)

Azimuth machinery warrants to the original purchaser, to repair or, at AZIMUTH MACHINERY'S sole option, replace any parts that are found defective (Ball-screw, pitman(s), crankshaft(s), slide, GIBS, RAM, after examination by AZIMUTH MACHINERY's properly authorized representative, to be defective in material or workmanship under normal use within three (3) years or, if sooner, **3,000,000 strokes** after the original date of shipment from the AZIMUTH MACHINERY plant.

Does not include labor^[2] or diagnostic work. The original purchaser will be responsible for travel costs and expenses.

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Lifetime support over phone & online videos

Azimuth machinery offers lifetime support to all its end-users. This means free support over phone & access to online videos for technical support & maintenance tips on new machine.



