



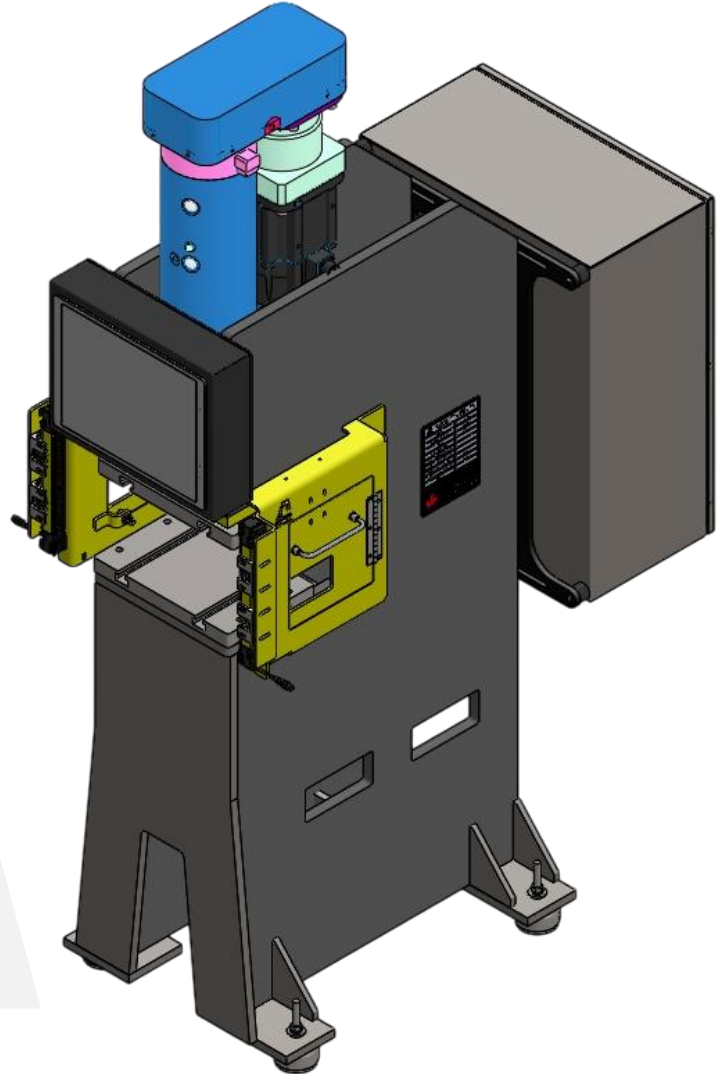
Presses & Automation
SINCE 1975



Model APS
Azimuth Servo screw Press

Azimuth Servo press

Model APS



Standard features

- 480V electrical circuit
- Servo motorized – fully electrical
- Precision mode with torque control
- Adjustable Stroke – Easily Adjust the machine stroke from the HMI to run with shorter stroke & increased speed
- Programmable CAM OUTPUTS
- Safety Programmable torque protects the machine
- UL Certified control panel (MEETS OSHA & CSA Regulations)

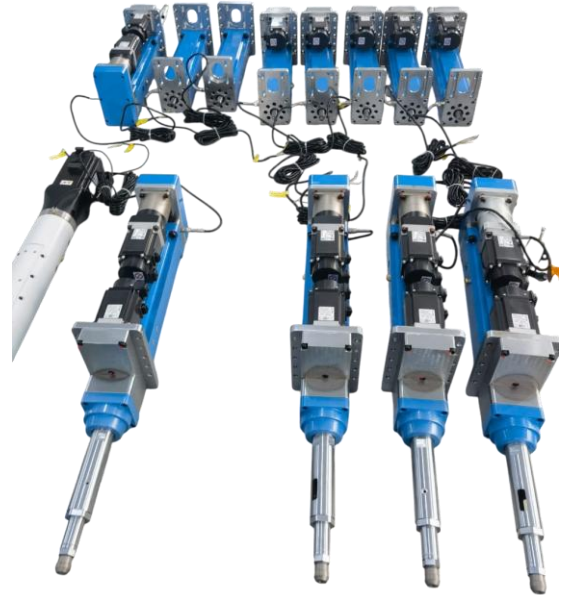
Optional features

- 208V electrical circuit
- Die protection modes
- Guarding system
- Shut-height indicator
- Manual pulse generator - (rotary encoder for hand jog – comparable to a CNC hand wheel)
- Automatic Oiling System

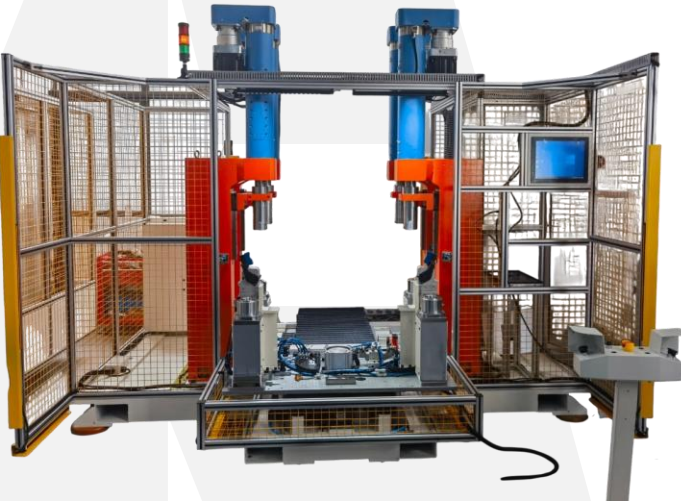
Azimuth Arbor Servo press

Model APS

Built for demanding applications, this heavy-duty servo actuator integrates the reducer directly into its design, delivering precise motion control in a compact, durable package. Engineered and tested for a service life of up to 5 million cycles.



Need a frame built your way? Azimuth designs and fabricates custom frames to your precise specifications — just send us the details, and we'll build it exactly to your criteria.



Description	3APS	6APS	10APS	15APS	20APS	30APS
Tonnage	3	6	10	15	20	30
RATED TONNAGE FROM BDC	N/A	N/A	N/A	N/A	N/A	N/A
Slide Stroke Length	7.875	7.875	7.875	7.875	7.875	7.875
SPEED (inch per second)	7.874015748	7.874015748	5.905511811	3.937007874	3.937007874	3.937007874
Max. Die Set Height	10	10	10	10	10	10
Die Height Adjustment	7.875	7.875	7.875	7.875	7.875	7.875
Minimum die height	2.125	2.125	2.125	2.125	2.125	2.125
Throat Depth	4.50	5.00	5.50	6.00	7.25	8.50
Distance Between Uprights	6	7	8	10	10	12
Bolster Size L x R	11.00	12.00	14.00	20.00	20.00	24.00
Bolster Size F x B	7.00	8.00	9.00	12.00	12.00	14.00
Bolster Surface Height (floor to bed)	39.5	39.5	39.5	39.5	39.5	39.5
Overall Size F x B	22.50	19.75	22.75	24.00	31.75	39.50
Overall Size L x R	25.25	18.00	20.00	24.75	26.00	31.75
Overall Size H	36.00	65.50	71.38	72.00	81.00	86.00
Motor Power	3000	3000	4700	5000	7500	11000
Weight	500	750	1250	1500	2500	3500



UL listed control pannel

Azimuth is a UL-certified panel builder specializing in the stamping industry. This certification ensures that our control panels meet stringent safety and quality standards, providing reliable and compliant solutions for your operations.

We customize enclosures specifically for sheet metal applications, ensuring seamless integration with your existing equipment and processes.

Our tailored designs enhance both safety and efficiency in your stamping operations.



Optional safety guards



Azimuth will customize the safety guards to suit your operations and design them around your current equipment.

This approach ensures that the guards integrate seamlessly with your existing machinery, enhancing safety without disrupting your workflow. Azimuth's tailored solutions help optimize both protection and productivity in your workplace

Azimuth turnkey solution

We specialize 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.

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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.



