



**Punch Presses &
Clinching Presses Models**

AZIMUTH MACHINERY

Punch presses manufacturer since 1975

CUSTOM MACHINE FOR YOUR UNIQUE APPLICATION



*Presses are fully customizable
upon request*



*Azimuth will help you get the
proper machine for your
stamping application*

PART-REVOLUTION PRESSES



Press features

- Welded steel frame
- Pneumatic clutch & brake units
- 4 points gibbing (6 points AZ60 & higher)
- 7 points automatic oiling system with low lube alarm
- Operator station with Dual-palm, E-stop & continuous cycle activation (frame mounted)
- Dynamic brake time monitoring
- Solid state press control (Wintriss press control)
- Several modes of operation of the press (Single stroke, Inch, Continuous, Automatic single stroke & more)
- Hydraulic overload protection (AZ60 & Higher)
- Motorized shut height (AZ60 & higher)

Optional features

- Custom stroke & frame dimensions
- Custom drilling & machining
- Dual-palm T-stand
- Safety light curtain or/& fix guarding
- Variable speed drive
- Digital die space readout
- Horizontal model
- Adjustable bed model
- Feeding system



PART-REVOLUTION PRESSES



Models

	6-AC	8-AC	10-AC	15-AC	22-AC	33-AC	44-AC
Rated tonnage	6 tons	8 tons	10 tons	15 tons	22 tons	33 tons	44 tons
Stroke	1,25"	1,5"	1,75"	2,00"	2,50"	2,50"	3,00"
Shut height [MIN] ¹	5,625"	5,75"	6,00"	7,00"	7,50"	8,50"	9,00"
Shut height [MAX] ¹	6,625"	7,25"	8,00"	9,50"	10,50"	11,50"	12,00"
Frame depth ²	4,50"	4,75"	5,50"	6,00"	7,25"	8,50"	10,00"
Bed size	11" x 7"	12" x 8"	14" x 9"	17" x 10"	20" x 12"	24" x 14"	28" x 18"
Stroke per minute	190	165	155	140	135	100	95
Rated tonnage (from B.D.C)	1/16"	1/16"	1/8"	1/8"	1/8"	3/16"	3/16"

[1] Shut height is calculated over BED with Stroke Down. Custom dimension available.

[2] Frame depth from Ram's center. Custom dimensions available.

[3] Ram's shank diameter is 1.5" for all models.

For more specific dimensions, download the technical brochure at www.azimuthpress.com



PART-REVOLUTION PRESSES



Models

	AZ60	AZ80	AZ100	AZ125
Rated tonnage	60 tons	80 tons	100 tons	125 tons
Stroke	5,5"	6,3"	6,3"	7,0"
Shut height (MIN) ¹	9,125"	9,5"	9,75"	10,375"
Shut height (MAX) ¹	11,75"	12,50"	13,125"	13,625"
Frame depth ²	10,5"	12,0"	12,875"	13,5"
Bed size (L-R x F-B)	36,5" x 20,375"	37,375" x 23,5"	41,625" x 25,125"	43,25" x 26,5"
Ram face (L-R x F-B)	18,875" x 15,75"	21,25" x 18"	24,375" x 20,375"	24,375" x 20,375"
Rated tonnage (from B.D.C)	5/32"	3/16"	1/4"	1/4"

[1] Shut height is calculated over BED with Stroke Down. Custom dimension available.

[2] Frame depth from Ram's center. Custom dimensions available.

[3] Ram's shank diameter is 1.5" for all models.

For more specific dimensions, download the technical brochure at www.azimuthpress.com



Azimuth Machinery LTD
6040 Route 132, Québec, Canada, J5C 1B6

Tel: (450) 632-8080
Fax: (450) 632-8081

info@azimuthpress.com
www.azimuthpress.com

CLINCHING PRESS - HORN TYPE



Azimuth wide variety of clinching presses offers the possibility to cover your whole product range. Commonly used for duct type product.



Press features

Standard warranty is 3 years
(see warranty plan)

Automatic oiling system

Maintenance counter helps monitor
number of hits before changing punches

Optional features

Longer stroke with finger safe
interlock guarding

Laser pointer

Stainless steel tooling

Models

	H412	H612	H618	H624
Full Depth From punch's center	12,25"	12,25"	18,25"	24,25"
Stroke opening	Safety 0,5"	Safety 0,5"	Safety 0,5"	Safety 0,5"
Minimum Capacity	2 ply of 0,010"	2 ply of 0,010"	2 ply of 0,010"	2 ply of 0,010"
Maximum Capacity ¹	2 ply of 0,027"	2 ply of 0,075"	2 ply of 0,075"	2 ply of 0,075"
Stroke per minute	275	275	275	275

⁽¹⁾ Thicker material as optional features

For more specific dimensions, download the technical brochure at www.azimuthpress.com



WHEN CUSTOM BECOMES STANDARD...



*Azimuth knows every application is different.
Send us your press requirements, we'll do the rest !*



22 tons horizontal press



15 tons adjustable bed press

Custom stroke & frame dimensions

Horizontal presses

Adjustable bed presses

Horn presses

Custom press control

Guarding system around die

& much more

Send us your requirements today !

For more specific dimensions, download the technical brochure at www.azimuthpress.com

