AZIMUTH

PRESSES & AUTOMATION

EQUIPMENT CATALOGUE

TURNKEY PRESS ROOM SOLUTIONS

Presses, feeds, decoilers, controls, safety and automation, designed and integrated as one line by one partner.



TURNKEY LINE · AZ-60 PRESS · AZ-MSF-200 FEEDER

WE DESIGN. WE BUILD. WE SUPPORT.

THE AZIMUTH WAY

TURNKEY STAMPING LINES · SINCE 1975

Azimuth is a turnkey integrator. The press, the feed, the decoiler, the die, the controls and the guarding come from one partner, engineered to run as one line. We design it, build it in Napierville, Québec, install it in your plant and support it after.

ONE PARTNER, THE WHOLE LINE

IN-HOUSE ENGINEERING

Complete design, from the controls to the mechanical.

UL CERTIFIED AUTOMATION SHOP

Control panels built and certified in our own shop.

45,000 SQ FT PLANT

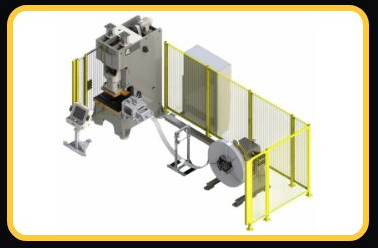
Every line is assembled, powered up and run before it ships.

HOW A LINE COMES TOGETHER



01 YOUR PART

Send us the part drawing. We size the press, the feed and the coil, and design the die: strip layout, tooling and tonnage checked before anything is quoted.



02 DESIGN

Press, feeder-straightener, decoiler, controls and guarding engineered as one system. One layout, one control, one responsibility.



03 MANUFACTURING

Built and assembled in Napierville, Québec. Every line is wired, powered up and run with your tooling before it ships.



04 INSTALLATION

Our technicians set the line in your plant, commission it and train your operators on the HMI.

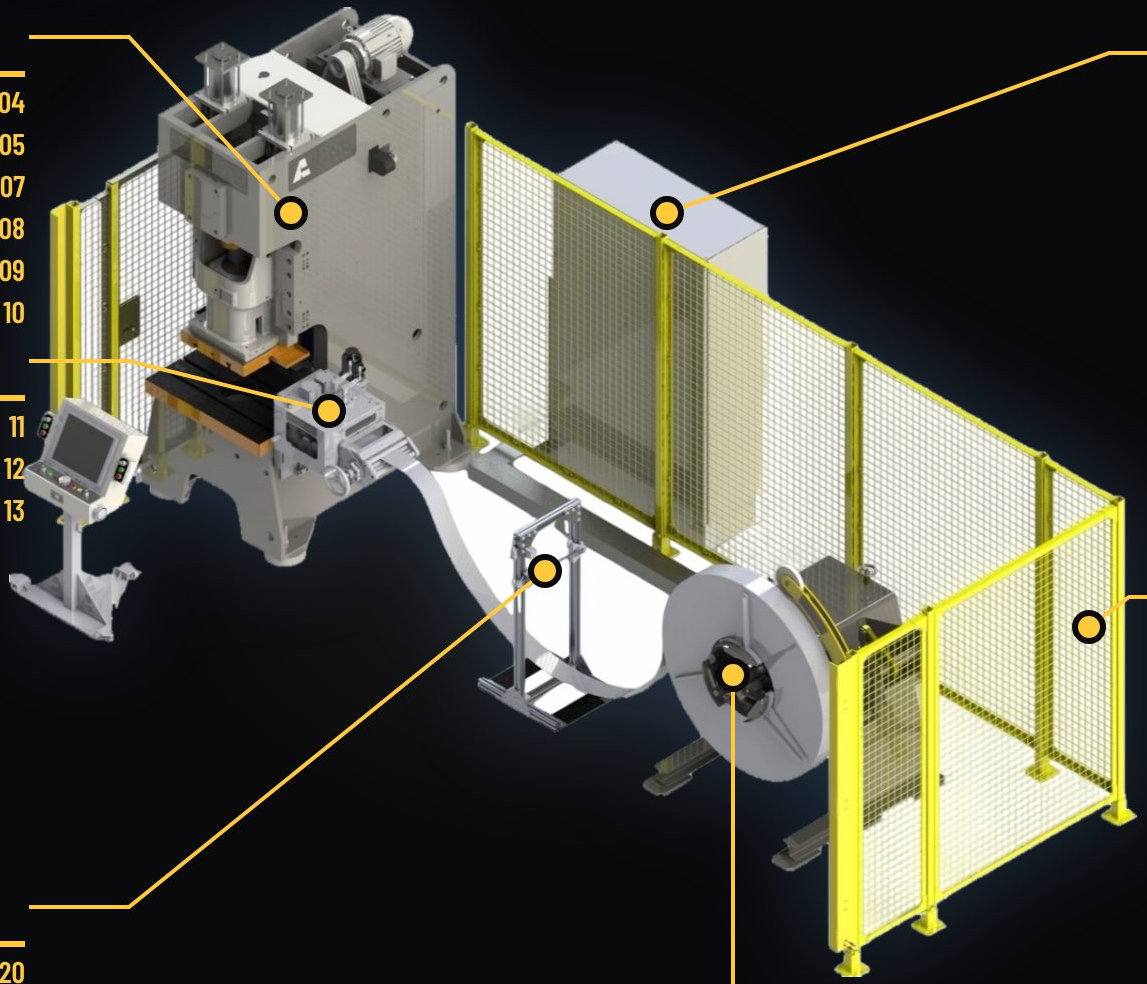
AZIMUTH

05 SUPPORT

Spare parts, remote support and service from the people who designed and built your line, for as long as you run it.

WHAT'S INSIDE

Every piece of a complete line, sold on its own or engineered together by Azimuth.



01 PRESSES

Servo presses · Model S 04
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Controls, guarding and every machine, engineered as one.

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WE DESIGN. WE BUILD.

SERVO PRESSES

MODEL S · 6 TO 33 TONS · FULLY ELECTRIC



MODEL	6S	8S	10S	15S	22S	33S
CAPACITY tons	6	8	10	15	22	33
RATED ABOVE BDC in	0.07	0.06	0.06	0.06	0.125	0.125
STROKE in	1.25	1.50	2.00	3.00	3.00	3.00
SPEED, FULL STROKE spm	167	111	142	75	50	48
SPEED, 1/8 STROKE spm	332	276	308	216	163	159
MAX DIE HEIGHT in	5.63	6.00	6.00	7.00	7.50	8.50
MIN DIE HEIGHT in	4.38	4.50	4.00	5.00	5.00	5.50
THROAT DEPTH in	4.50	5.00	5.50	6.00	7.25	8.50
BETWEEN UPRIGHTS in	6	7	8	10	10	12
SLIDE BOTTOM, L-R in	5.50	4.00	4.50	6.50	6.50	9.00
SLIDE BOTTOM, F-B in	3.50	6.00	6.50	9.50	9.50	14.00
SHANK HOLE, Ø × DEPTH in	1.5 × 3	1.5 × 3	1.5 × 3	1.5 × 3	1.5 × 3	1.5 × 3
BOLSTER, L-R × F-B in	11 × 7	12 × 8	14 × 9	20 × 12	20 × 12	24 × 14
BED HEIGHT FROM FLOOR in	BENCH	39.5	39.5	39.5	39.5	39.5
SERVO MOTOR kW	3.0	3.0	5.0	5.0	7.5	11.0
SERVO, OMRON R88M-	1L3K030T	1L3K030T	1L5K030C	1L5K030C	1M7K515T	1M11K015T
PULLEY RATIO teeth	36:20	36:20	72:34	90:45	90:45	112:36
GEARHEAD RATIO	10:1	15:1	10:1	20:1	15:1	10:1
WEIGHT lb	500	750	1,250	1,500	2,500	3,500

INCHES · TONNAGE RATED AT THE STATED DISTANCE ABOVE BDC · SPEEDS AT 480 VAC, TYPICAL · 6S IS BENCH-MOUNT · SPECS SUBJECT TO CHANGE

FULLY ELECTRIC SERVO
No flywheel, no clutch, no hydraulics. Belt-driven servo.

PROGRAMMABLE CAM OUTPUTS
Timed signals for the feed, blow-off and more.

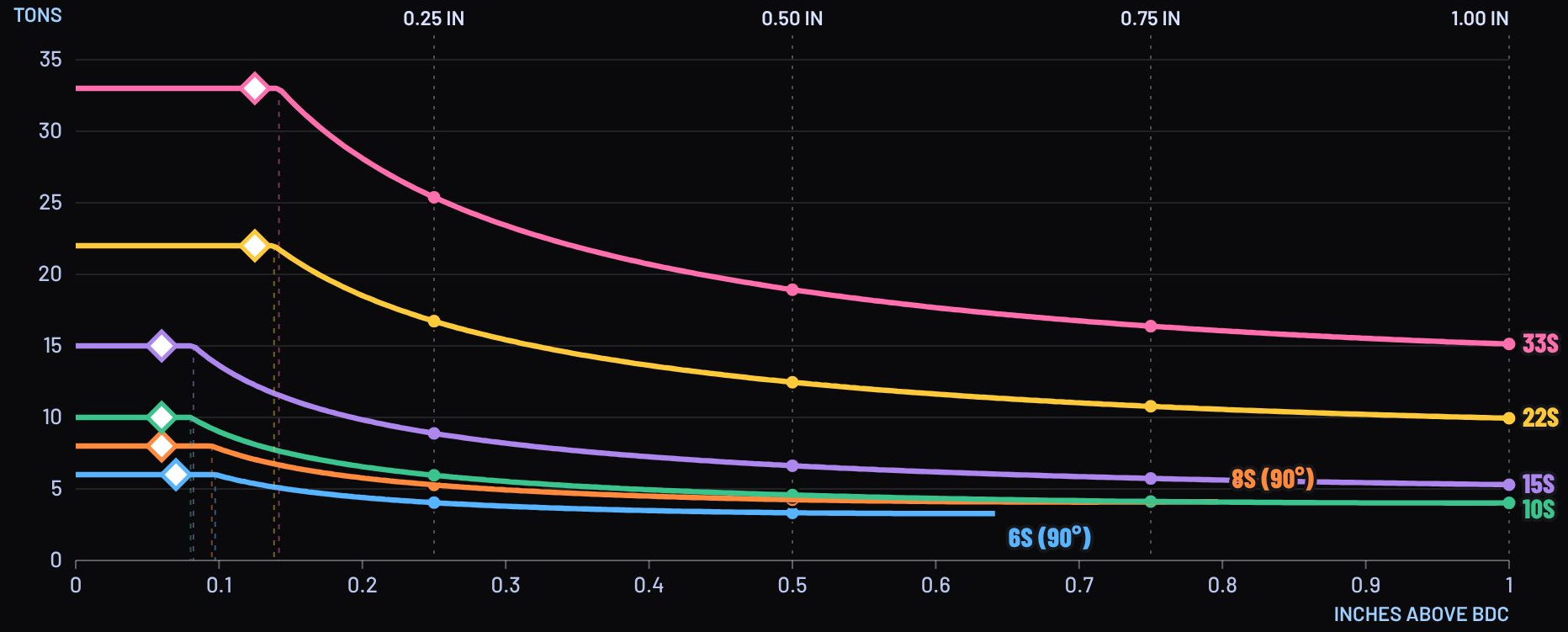
TORQUE PROTECTION
Programmable torque protects the machine. Die protection optional.

✓ SERVO FEED INTERFACE ✓ OPTIONAL GUARDING ✓ CUSTOM FRAME & STROKE ✓ LIFETIME SUPPORT

KNOW YOUR PRESS

TONNAGE CURVES

Tonnage available at each slide height above BDC for every Model S press. White diamonds mark the rated tonnage point; dots give the tonnage at 0.25, 0.50, 0.75 and 1.00 in, listed below.



MODEL	6S	8S	10S	15S	22S	33S
RATED, IN ABOVE BDC	6 T at 0.07	8 T at 0.06	10 T at 0.06	15 T at 0.06	22 T at 0.125	33 T at 0.125
FULL TONNAGE UP TO, IN	0.097	0.095	0.080	0.082	0.138	0.142
TONS AT 0.25 IN	4.0	5.3	6.0	8.9	16.7	25.4
TONS AT 0.50 IN	3.3	4.2	4.6	6.6	12.5	18.9
TONS AT 0.75 IN	—	4.1	4.1	5.7	10.8	16.4
TONS AT 1.00 IN	—	—	4.0	5.3	9.9	15.1

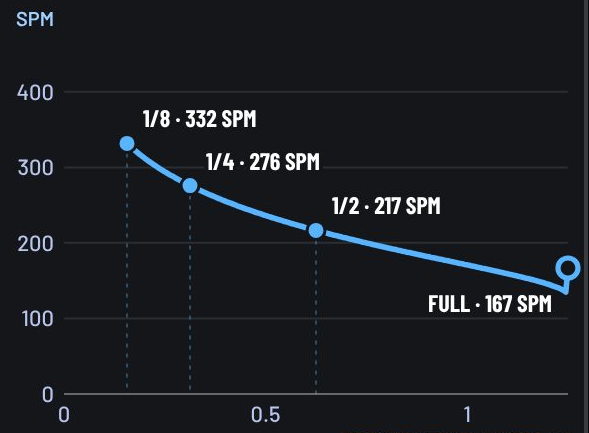
TONNAGE AT PEAK SERVO TORQUE, CAPPED AT THE PRESS RATING · CURVES END AT 90° OF CRANK · SPECS SUBJECT TO CHANGE

FASTER ON SHORT STROKES

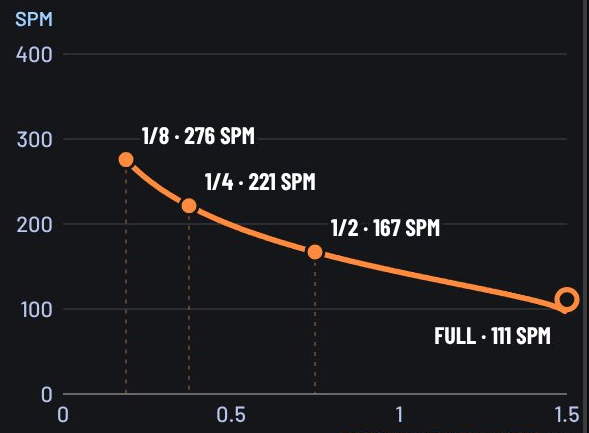
SPEED CURVES

Strokes per minute for the stroke length the job uses. Full stroke is one crank turn per stroke; shorter strokes run in pendulum mode, swinging through BDC and back.

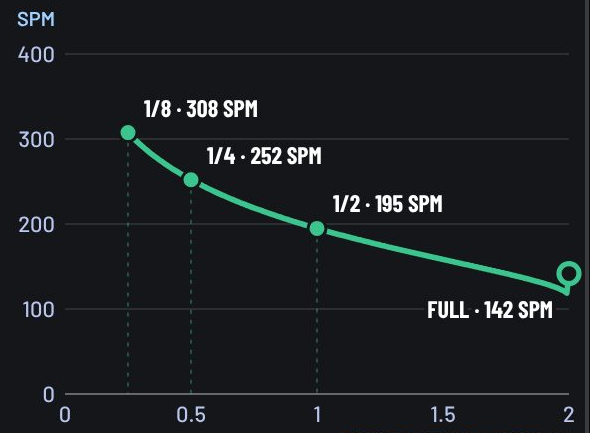
6S — 1.25 IN FULL STROKE



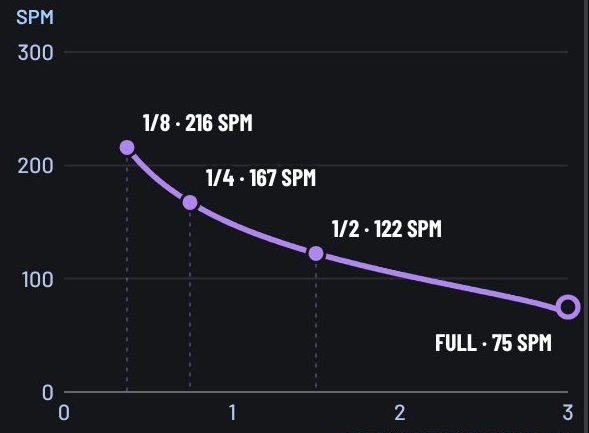
8S — 1.50 IN FULL STROKE



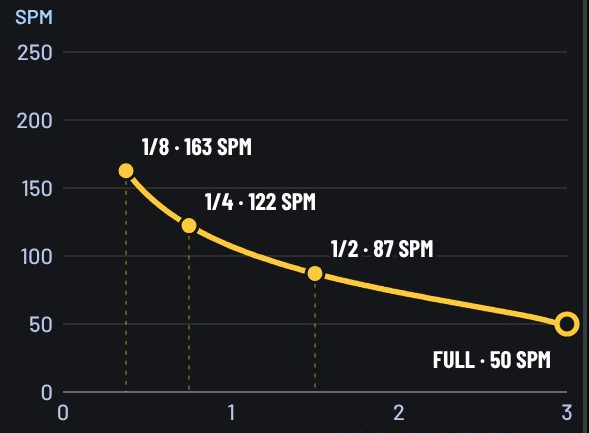
10S — 2.00 IN FULL STROKE



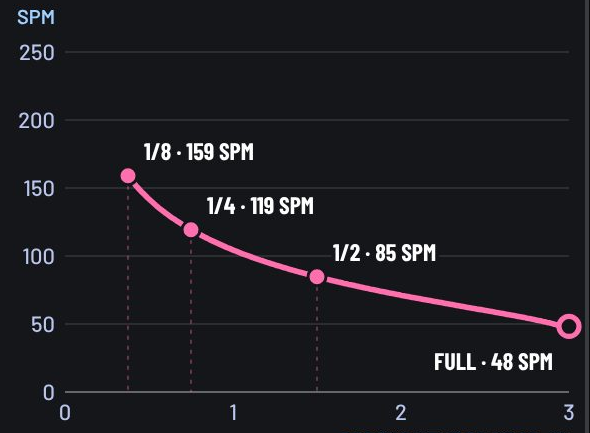
15S — 3.00 IN FULL STROKE



22S — 3.00 IN FULL STROKE



33S — 3.00 IN FULL STROKE



TYPICAL SPEEDS AT RATED MOTOR SPEED; ACTUAL SPEED DEPENDS ON THE DIE, FEED LENGTH AND DRIVE TUNING · EACH CHART HAS ITS OWN SCALE

WE DESIGN. WE BUILD.

GAP FRAME PRESSES

AZ1 SERIES · 25 TO 440 TONS



MODEL AZ1-	25	45	60	80	110	140	175	220	275	340	440
CAPACITY tons	27.5	49.5	69.3	88	121	137.5	176	220	275	346.5	440
RATED ABOVE BDC in	0.12	0.19	0.19	0.19	0.24	0.25	0.25	0.25	0.31	0.31	0.38
STROKE in	3.15	3.94	5.12	5.91	7.09	7.09	7.87	7.87	9.84	9.84	9.84
SPEED spm	80–120	40–90	35–80	50–70	30–60	30–60	25–50	25–50	20–40	25–40	20–30
MAX DIE HEIGHT in	9.81	10.62	11.81	12.62	13.78	13.75	13.75	17.69	19.69	21.62	21.62
MIN DIE HEIGHT in	7.88	8.25	8.69	9.44	10.24	10.62	9.44	13.38	14.94	16.94	16.94
THROAT DEPTH in	8.25	9.06	11.81	11.81	13.78	13.75	14.94	15.38	16.56	18.12	19.31
BETWEEN UPRIGHTS in	17.69	21.62	22.81	25.19	27.56	29.94	33.44	34.25	37.81	40.16	40.16
SLIDE BOTTOM, L-R in	11.81	13.38	15.75	16.56	26.77	21.25	22.81	23.62	25.56	27.56	28.38
SLIDE BOTTOM, F-B in	14.19	16.12	18.88	22.06	19.69	26.75	30.31	31.50	33.44	39.38	47.25
SHANK HOLE Ø in	1.56	1.56	1.94	1.94	–	2.38	2.56	2.56	2.75	2.75	2.75
SHANK HOLE DEPTH in	2.38	2.38	3.12	3.12	–	3.12	3.56	3.56	3.56	3.56	3.56
BOLSTER, L-R in	27.56	31.88	35.44	39.38	45.28	51.19	55.12	55.12	64.94	70.88	70.88
BOLSTER, F-B in	15.75	17.31	22.81	22.81	26.77	29.12	29.94	31.50	34.62	37.00	37.00
BED HEIGHT in	30.69	31.50	35.44	35.44	–	35.44	35.44	39.38	39.38	39.38	43.31
MAIN MOTOR hp	4	7.5	7.5	10	14.75	14.5	20	25	29.5	40	49.5
WEIGHT lb	6,600	7,700	11,330	14,190	–	21,010	29,920	42,240	51,040	66,000	77,000

INCHES · TONNAGE RATED AT THE STATED DISTANCE ABOVE BDC · SPEED RANGE ON VFD · SPECS SUBJECT TO CHANGE

AZIMUTH PRESS CONTROL

Touchscreen HMI, cam outputs and feed integration on one control.

VARIABLE SPEED

Main motor on a variable frequency drive. Set the SPM for the job.

CUSTOM SHUT HEIGHT

Shut height can be built to suit your dies.

ELEVEN SIZES, ONE LINE

Feeder, decoiler, guarding and controls engineered with the press.

WE DESIGN. WE BUILD.

TWO-POINT PRESSES

AZ2 SERIES · 80 TO 340 TONS · WIDE BEDS



MODEL AZ2-	80	120	175	220	275	340
CAPACITY tons	88	121	176	220	275	346.5
RATED ABOVE BDC in	0.20	0.20	0.24	0.28	0.28	0.28
STROKE in	6.30	7.09	7.87	9.84	11.02	11.81
SPEED spm	40–70	30–60	25–50	25–50	20–40	20–40
MAX DIE HEIGHT in	13.78	15.75	17.72	19.69	21.65	21.65
MIN DIE HEIGHT in	10.63	11.81	13.78	15.35	16.93	16.93
THROAT DEPTH in	12.20	13.78	15.35	16.93	18.50	18.90
BETWEEN UPRIGHTS in	47.24	57.09	62.99	74.80	87.40	87.40
SLIDE, L-R in	47.24	53.54	59.06	72.83	82.68	82.68
SLIDE, F-B in	18.11	20.47	22.83	25.59	27.56	27.56
BOLSTER, L-R in	62.99	74.02	80.31	95.28	106.30	114.17
BOLSTER, F-B in	23.62	26.77	29.92	33.07	36.22	37.01
BOLSTER THICKNESS in	4.33	5.12	5.91	6.69	7.09	7.48
MAIN MOTOR hp	15	15	20	25	30	40

INCHES · TONNAGE RATED AT THE STATED DISTANCE ABOVE BDC · SPEED RANGE ON VFD · SPECS SUBJECT TO CHANGE

TWO-POINT SLIDE

Two connections keep the slide square under off-centre loads: built for long progressive dies.

AZIMUTH PRESS CONTROL

Touchscreen HMI, cam outputs and feed integration on one control.

VARIABLE SPEED

Main motor on a variable frequency drive. Set the SPM for the job.

WE DESIGN. WE BUILD.

CLINCHING PRESSES

Fully electric servo clinching presses, Gen III and Gen E. Join sheet metal with no welds, no fasteners and no damage to the coating.



FULLY ELECTRIC SERVO
No air, no hydraulics: plug in and run.

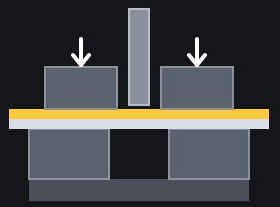
PROGRAMMABLE HMI
Store jobs and set the speed of operation.

SAFETY STROKE BUILT IN
Intelligent safety stroke protects the operator.

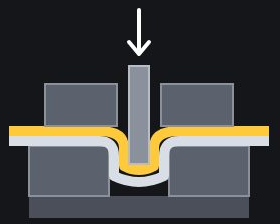
SELF-MONITORING
Built-in maintenance and adjustment routines.

Mild steel, galvanized, pre-painted and aluminum as standard. Stainless and multi-layer joints with optional tooling.

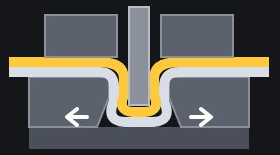
HOW A CLINCH JOINT IS MADE



01 · CLAMP
The stripper clamps the sheets to be joined.



02 · DRAW
The punch draws both sheets into the die, until they reach the anvil.



03 · LOCK
The metal spreads sideways, the die blades open and an interlock forms under the bottom sheet.

- ✓ VIBRATION-RESISTANT & LEAK-PROOF
- ✓ COATING STAYS INTACT
- ✓ JOINS DIFFERENT THICKNESSES
- ✓ CONSISTENT, REPEATABLE JOINTS

CLINCHING PRESSES

THE SPECS

GEN III · GEN E · 6 TON · SERVO DRIVEN

750 SPM
FASTEST IN THE INDUSTRY
Up to 750 strokes/min on Gen III, up to 350 on Gen E.

5 YEARS
WARRANTY
The best coverage in the industry.

100%
ELECTRIC
Servo motorized drive on every model.

MODEL	H608	H612	H624	H632
THROAT DEPTH in (mm)	8 (203)	12 (305)	24 (610)	32 (813)
FORCE	6 TON			
STROKE in (mm)	1.25 (32) STANDARD 2.75 (70) OPTIONAL			
MATERIAL gauge (in)	32 GA (0.010 GALV.) TO 16 GA (0.060) UP TO 12 GA (0.105) WITH STRONGER GEAR HEAD			
SPEED strokes / min	GEN III: UP TO 750 GEN E: UP TO 350			
DRIVE	SERVO MOTOR, 100% ELECTRIC			
VOLTAGE	GEN III: 200 VAC STANDARD, 480 VAC OPTION GEN E: 120 VAC			
WARRANTY	5 YEARS			

MODEL NUMBER = FORCE (TONS) + THROAT DEPTH (IN) · TOOLING QUOTED PER MATERIAL · SPECS SUBJECT TO CHANGE

KITS

SERVO CONVERSION KITS · H400 / H600
Bring an existing clinching press up to servo drive. Installed by Azimuth or as a do-it-yourself kit.

WE DESIGN. WE BUILD.

SERVO FEEDER-STRAIGHTENERS

CSF SERIES · 4 TO 32 IN · BUILT IN NAPIERVILLE, QC



MODEL	CSF-100	CSF-200	CSF-400	CSF-600	CSF-800
MAX STOCK WIDTH in	4	8	16	24	32
STOCK THICKNESS, MIN in	0.020	0.020	0.020	0.020	0.020
STOCK THICKNESS, MAX in	0.125	0.125	0.125	0.125	0.125
FEED ACCURACY ± in	0.003	0.003	0.003	0.003	0.003
MAX FEED SPEED in / s	40	40	40	40	40
DRIVEN ROLLS	5	5	5	5	5
FEED ROLL DIAMETER in	3.5	3.5	3.5	3.5	3.5
STRAIGHTENER ROLL DIAMETER in	2.25	2.25	2.25	2.25	2.25
STRAIGHTENER ROLLS top / bottom	2 / 3	2 / 3	2 / 3	2 / 3	2 / 3
PILOT RELEASE	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC
SERVO MOTOR kW	1.5	1.5	1.5	3.0	3.0
PULLING FORCE lb	300	300	300	600	600

INCHES · STRAIGHTENER ROLLS SHOWN TOP / BOTTOM, 3 OVER 3 AVAILABLE AS AN OPTION · SPECS SUBJECT TO CHANGE

FEED & STRAIGHTEN

Five driven rolls: straightened, flat stock fed to ±0.003 in.

PILOT RELEASE

Rolls lift on the press signal so the pilots locate the strip.

ONE CONTROL

Integrates with the Azimuth press control or runs stand-alone on any press.

ALSO IN THE FAMILY

CF SERIES

SERVO FEED ONLY

The same servo feed without the straightener, in the same 4, 8, 16, 24 and 32 in widths.

AZ-S32-M

MOTORIZED STRAIGHTENER

A stand-alone motorized straightener built from proven CSF components.

WE DESIGN. WE BUILD.

SERVO FEEDER-STRAIGHTENERS

SF2 & SF3 · 16 TO 63 IN · TO 1/4 IN THICK



MODEL SF2 / SF3-	400	600	800	1000	1300	1600
MAX STOCK WIDTH in	16	24	32	40	52	63
MIN STOCK THICKNESS in	0.020	0.020	0.020	0.020	0.020	0.020
MAX THICKNESS · SF2 in	3/16	3/16	3/16	3/16	3/16	3/16
MAX THICKNESS · SF3 in	1/4	1/4	1/4	1/4	1/4	1/4
FEED ACCURACY ± in	0.004	0.004	0.004	0.004	0.004	0.004
MAX FEED SPEED ft / min	35.6	35.6	35.6	35.6	35.6	35.6
FEED ROLL DIAMETER in	3.47	3.47	3.47	3.47	3.47	3.47
STRAIGHTENER ROLL Ø in	2.68	2.68	2.68	2.68	2.68	2.68
STRAIGHTENER ROLLS top / bottom	4 / 3	4 / 3	4 / 3	4 / 3	4 / 3	4 / 3
PILOT RELEASE	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC
SERVO MOTOR kW	5.5	7.5	7.5	11	11	11
MATCHING DECOILER	DH2 / DH3	DH2 / DH3	DH2 / DH3	DH2 / DH3	DH2 / DH3	DH2 / DH3

INCHES · WIDTH STATED TO THE NEXT WHOLE INCH · SPECS SUBJECT TO CHANGE

TWO SERIES, ONE FRAME

SF2 for stock to 3/16 in, SF3 for stock to 1/4 in. Same rolls, same control.

STRAIGHTEN & FEED

Four-over-three straightener rolls and servo feed in one compact unit.

LINE-READY

Pneumatic pilot release, DH2 / DH3 decoiler to match, Azimuth control for the whole line.

WE DESIGN. WE BUILD.

WIRE FEEDERS

WF SERIES · 1/16 TO 3/4 IN WIRE · SERVO DRIVEN



MODEL	WF-2	WF-4	WF-6
DRIVEN ROLLS	2	4	6
WIRE SIZE in	1/16 – 3/4		
MAX FEED SPEED in / s	60		
DRIVE	SERVO, EVERY ROLL DRIVEN		
ROLL LIFT	PNEUMATIC		
ROLL GAP	HAND ADJUSTED, DIAL SCALE		
CONTROL	TOUCHSCREEN HMI		
STAND	HEIGHT ADJUSTABLE, ON CASTERS		
INTEGRATION	ANY PRESS, NEW OR EXISTING		

TRACTION AND OUTPUT TORQUE SIZED PER APPLICATION · SPECS SUBJECT TO CHANGE

EVERY ROLL DRIVEN

Servo traction on all rolls: no slip on round or flat wire.

PNEUMATIC ROLL LIFT

Open the rolls, thread the new coil, close and run.

FITS ANY PRESS

Height-adjustable stand on casters, with the Azimuth control or stand-alone.

RETROFIT Add a WF feeder to a press you already run: sized for your wire, mounted on its own stand, tied to your press signal.

WE DESIGN. WE BUILD.

MOTORIZED DECOILERS

DF SERIES · 8 TO 32 IN COILS · POWERED PAYOFF



MODEL DF-	200	400	600	800
MAX COIL WIDTH in	8	16	24	32
MAX STOCK THICKNESS in	0.125	0.125	0.125	0.125
COIL ID in	18 – 22 ON EVERY MODEL			
MAX COIL OD in	47.25 STANDARD 60 OPTIONAL			
DRIVE	MOTORIZED MANDREL			
MOTOR kW (hp)	5.5 (7.5)			
PRESSURE ARM	OPTIONAL			
HYDRAULIC MANDREL EXPANSION	OPTIONAL			

INCHES · WIDTH STATED TO THE NEXT WHOLE INCH · SPECS SUBJECT TO CHANGE

POWERED PAYOFF

The mandrel pays the coil out on demand, keeping a slack loop ahead of the feeder.

ONE MANDREL SIZE

Same coil ID and OD on every model, so coils move between lines.

OPTIONS

Pressure arm, hydraulic mandrel expansion, 60 in coil OD, coil car and hold-down on request.

DH2 / DH3

Heavier-gauge decoilers matched to the SF2 / SF3 feeders: stock to 3/16 in on DH2, to 1/4 in on DH3. Full DH2 specs on page 14.

WE DESIGN. WE BUILD.

DUAL HEAD DECOILERS

AZ-D2H SERIES · 8 TO 32 IN COILS · TWO MANDRELS



MODEL AZ-D2H-	200	400	600	800
MAX COIL WIDTH in	8	16	24	32
MANDRELS	2 · ROTATING BASE			
MAX STOCK THICKNESS in	0.125	0.125	0.125	0.125
COIL ID in	18 – 22 ON EVERY MODEL			
MAX COIL OD in	47.25 STANDARD 60 OPTIONAL			
DRIVE	MOTORIZED MANDREL			
MOTOR kW (hp)	5.5 (7.5)			
COIL KEEPER ARMS	STANDARD			

INCHES · WIDTH STATED TO THE NEXT WHOLE INCH · SPECS SUBJECT TO CHANGE

FAST COIL CHANGE

Load the next coil on the second mandrel while the line runs, then rotate and thread.

TWO COILS, ONE FOOTPRINT

Both mandrels sit on one rotating base, so the press room floor stays clear.

COIL KEEPERS

Adjustable keeper arms hold the coil square on the mandrel as it pays off.

8 – 32 IN Same widths as the DF single-head decoilers and the CSF feeder-straighteners, so every line sizes width for width.

WE DESIGN. WE BUILD.

HYDRAULIC DECOILERS

DH2 SERIES · 16 TO 40 IN COILS



MODEL DH2-	400	600	800	1000
MAX COIL WIDTH in	16	24	32	40
MIN COIL WIDTH in	2.95 ON EVERY MODEL			
MAX STOCK THICKNESS in	3/16	3/16	3/16	3/16
MAX COIL WEIGHT lb	11,000	11,000	15,400	15,400
COIL ID in	18.75 – 20.875 ON EVERY MODEL			
MAX COIL OD in	55			
MANDREL EXPANSION	HYDRAULIC			
MOTOR kW (hp)	2.2 (3)	2.2 (3)	3.7 (5)	3.7 (5)
MAX LINE SPEED ft / min	49			
PRESSURE ARM	PNEUMATIC · STANDARD			

INCHES · WIDTH STATED TO THE NEXT WHOLE INCH · 480 VAC 3-PHASE · 80 PSI AIR · SPECS SUBJECT TO CHANGE

HEAVY COILS

Up to 15,400 lb on a hydraulically expanded mandrel, with the pressure arm holding the coil.

MATCHED TO SF2

Sized width for width with the SF2 feeder-straighteners, on one Azimuth control.

OPTIONS

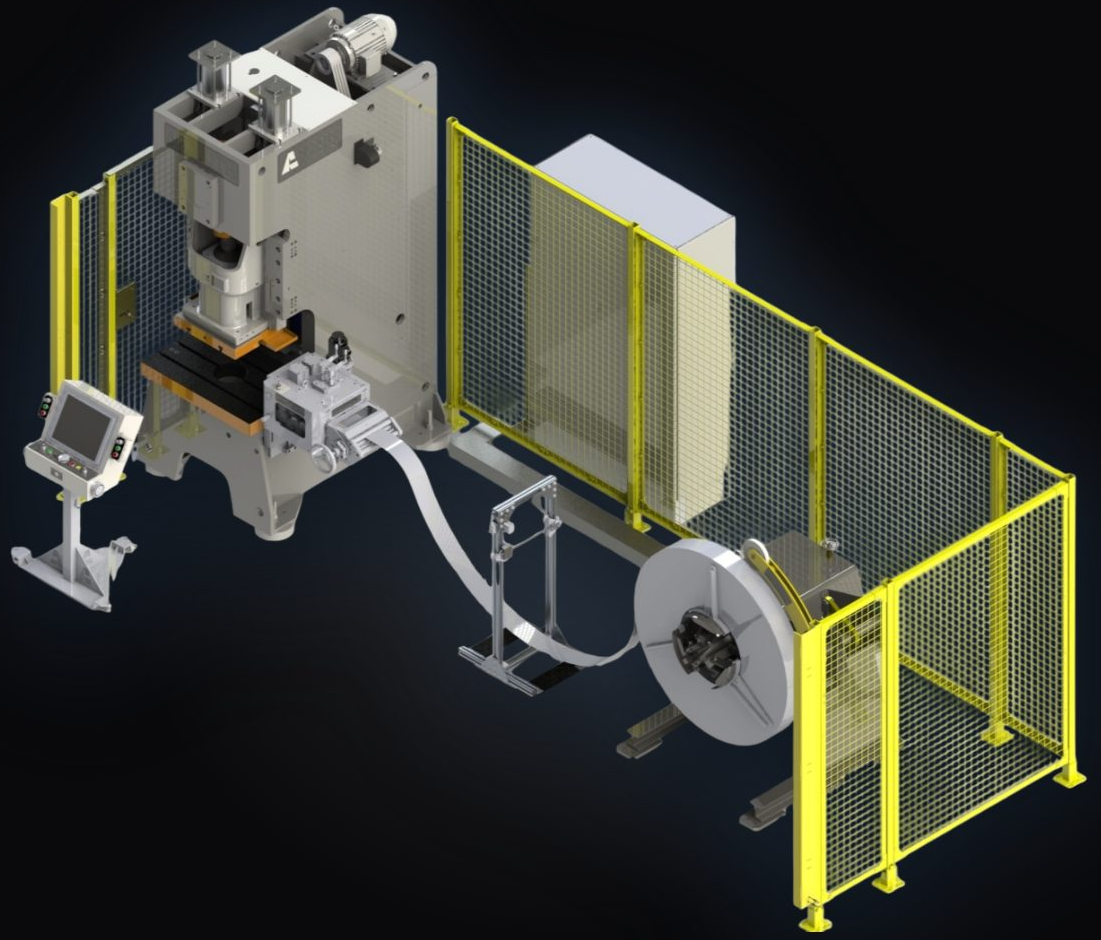
Motorized coil car (11,000 lb), custom coil ID and OD on request.

DH3 Same widths and coil capacities for stock to 1/4 in, with a motorized pressure arm. Matched to the SF3.

WE DESIGN. WE BUILD.

TURNKEY PRESS LINES

From coil to finished part: press, feeder-straightener, decoiler, controls and guarding, engineered as one system and run in our plant before it ships.



EVERY LINE INCLUDES

01 PRESS: SERVO, GAP FRAME OR TWO-POINT

02 SERVO FEEDER-STRAIGHTENER

03 DECOILER SIZED TO YOUR COIL

04 ONE CONTROL FOR THE WHOLE LINE

05 GUARDING AND OPERATOR STATION

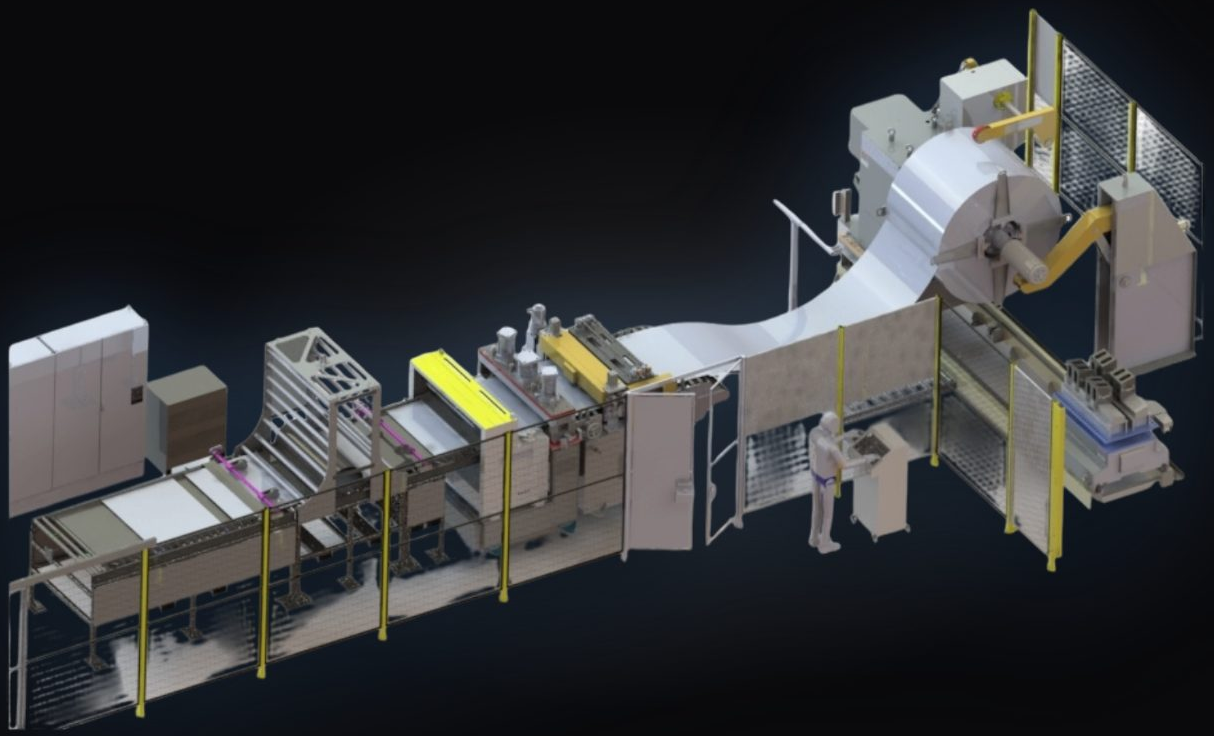
ONE PARTNER. ONE SYSTEM.

The people who design your line, build it and still pick up the phone after it ships. One supplier, one control, one responsibility.

WE DESIGN. WE BUILD.

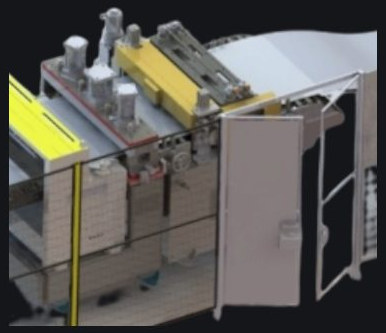
CUT-TO-LENGTH LINES

From coil to flat, cut blanks: decoiling, straightening, feeding, cutting, stacking and guarding, engineered as one system.

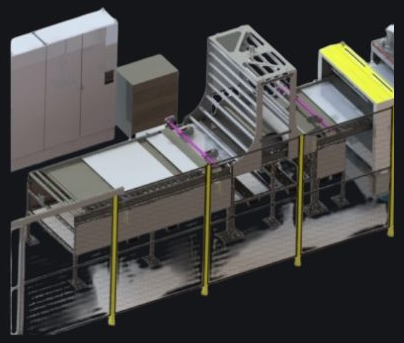




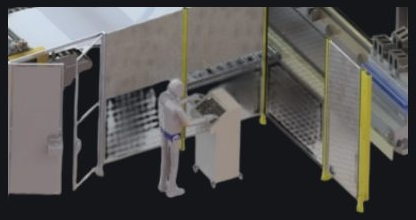
01 DECOILING



02 STRAIGHTEN & FEED



03 CUT & STACK

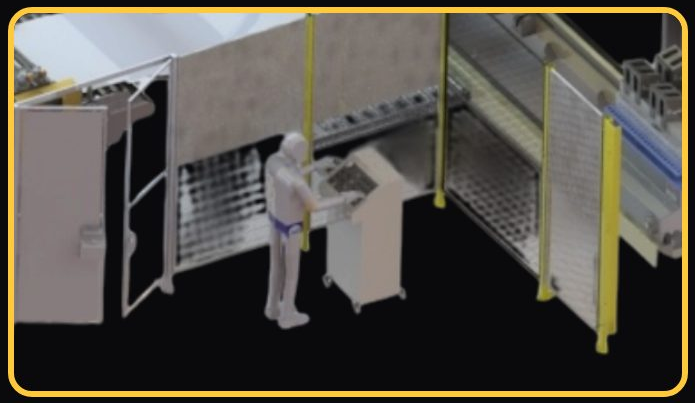


04 SAFETY CELLS

WE DESIGN. WE BUILD.

SAFETY & GUARDING

Guarding and safety devices designed with the line, wired into the same control and tested in our plant before it ships.



SAFETY CONTROLLER

A dedicated safety controller on every press, never a relay alone. Servo presses stop through safe torque off.

LIGHT CURTAINS

Omron F3SG safety light curtains guard the die area, monitored by the safety controller.

PERIMETER GUARDING

Fenced cells with interlocked access doors around the press, the feeder and the decoiler.

TWO-HAND CONTROLS

Two-hand palm button stations for single-stroke work, wired to the safety controller.

E-STOPS & DIE BLOCK

One E-stop chain from press to decoiler, with a die block for every die change.

SAFETY PACKAGES

Type 1 or Type 2 safety package by press model, quoted with every press.

THE MINIMUM WE RECOMMEND ON EVERY PRESS

SAFETY CONTROLLER · LIGHT CURTAINS · E-STOP · DIE BLOCK · MANUAL STATIONS

AROUND THE PRESS

AUXILIARY EQUIPMENT

The equipment that keeps a press running: installed with the line and tied into its control.



SERVO SCRAP SHAKER

Radial, servo driven. The shaft is sized to the bed width of the press you order.

SPRAY MIST LUBE

Four nozzles, two above and two below the strip, lubricate ahead of the die.

ROLLER LUBRICATOR

Two rollers with automatic recirculating lube, in 8, 16, 24 and 32 in widths.

MOTORIZED COIL CARS

Load heavy coils onto the mandrel safely: 11,000 lb and 15,400 lb models.

HYDRAULIC DIE CLAMPING

Clamp and release dies at the push of a button for faster die changes.

LOOP STANDS

Keep a slack loop between the decoiler and the feeder, sensed by the line control.

ONE CONTROL FOR THE WHOLE LINE

Every auxiliary is wired into the same Azimuth control and run from the same HMI as the press and the feed.

WE DESIGN YOUR TOOLING.

ENGINEERING & TOOLING

Our engineering team designs the die with the line. Send us your part drawing: we lay out the strip, check the tonnage, design the tooling and run it on your line before it ships.

FROM YOUR PART TO PRODUCTION

01 PART DRAWING

02 STRIP LAYOUT

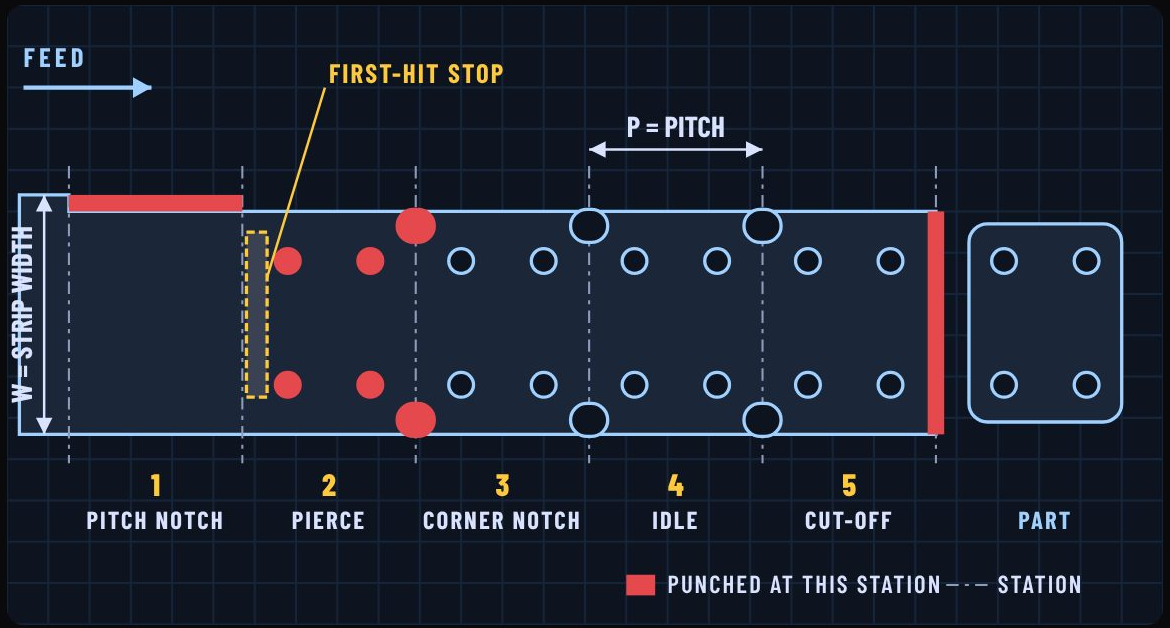
03 TONNAGE & PRESS SIZING

04 DIE DESIGN

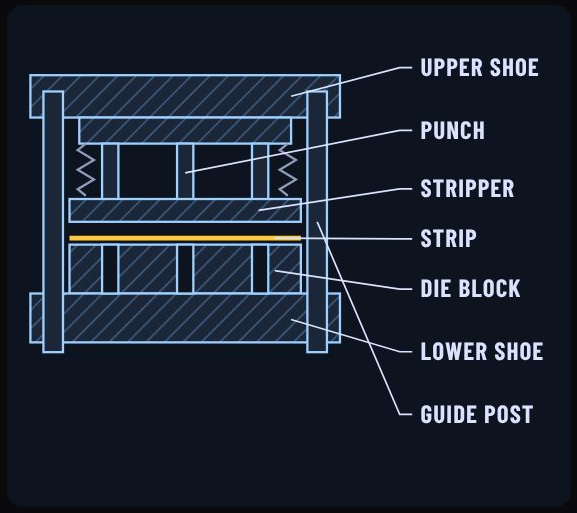
05 TRYOUT ON YOUR LINE

AN ENGINEERING TEAM READY FOR YOUR PROJECT.

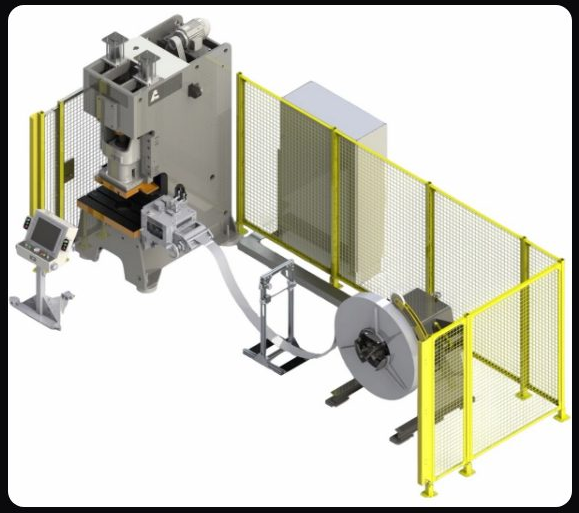
Mechanical, controls and tooling design under one roof, from the first sketch to start-up.



EXAMPLE · 5-STATION PROGRESSIVE STRIP LAYOUT



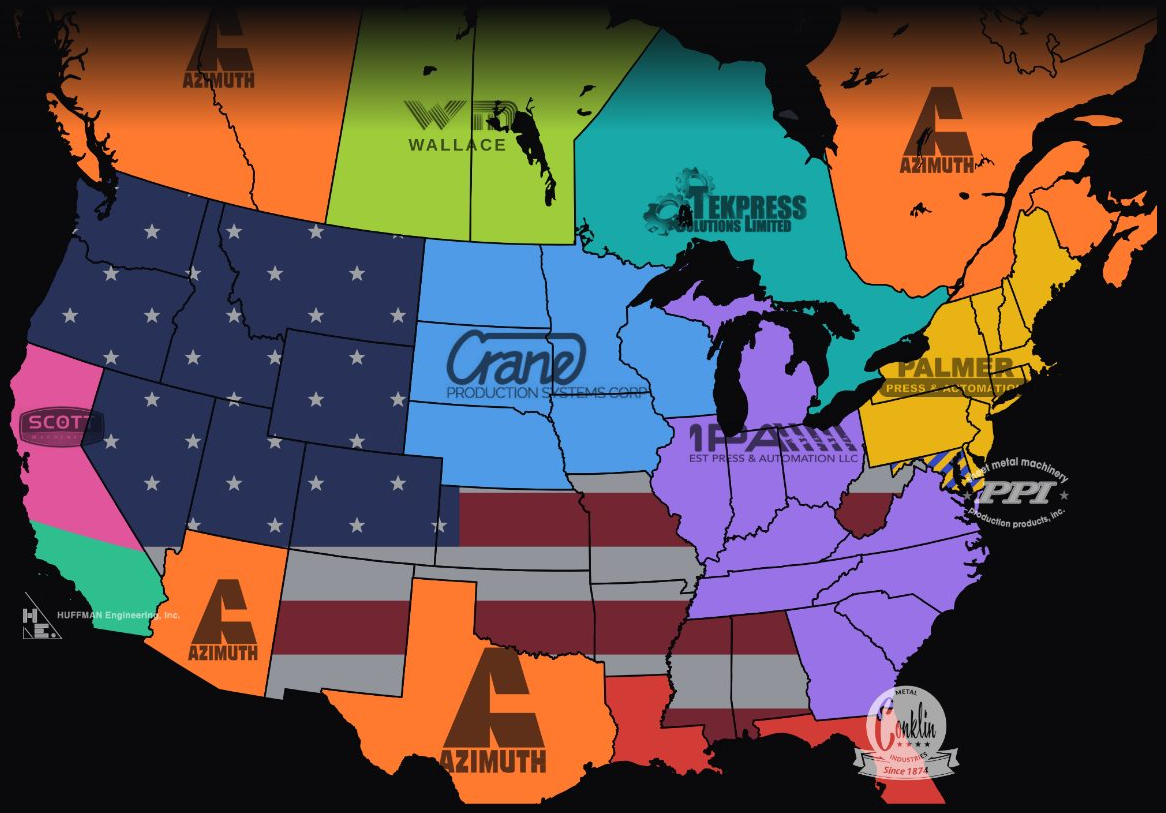
EXAMPLE · DIE SET SECTION



3D LINE DESIGN

A PARTNER NEAR YOU.

LOCAL DISTRIBUTORS ACROSS NORTH AMERICA.



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