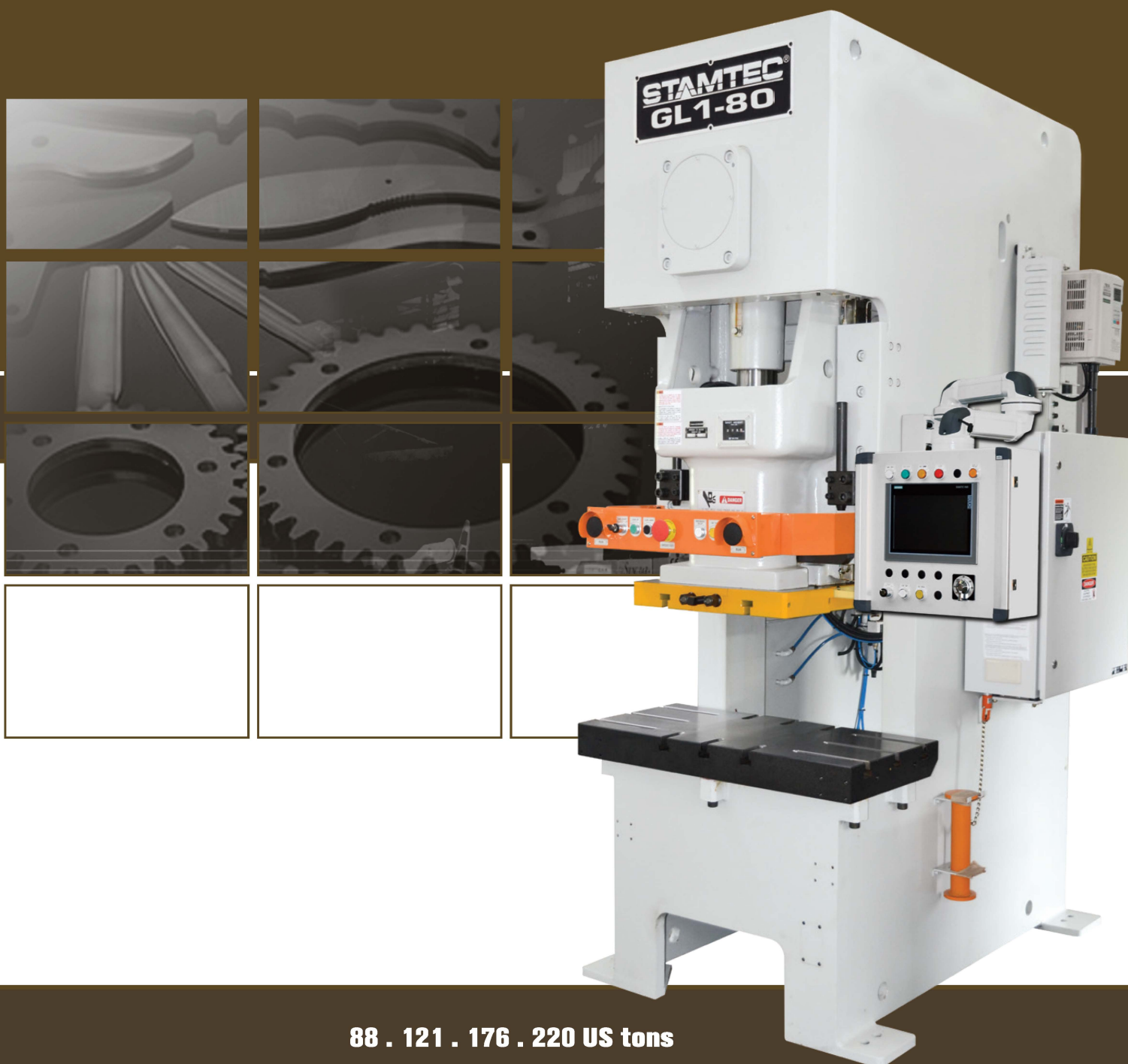


GL1 Series

C-Frame Single Crank Link-Motion Presses



88 . 121 . 176 . 220 US tons

GL1 SERIES

C-FRAME SINGLE CRANK LINK-MOTION PRESSES

The Stamtec GL1 one-point gap frame press (a.k.a. OBG, OBS, OBI, or C-frame) with link motion drive technology is designed for stamping small parts that require deeper or more complex forming, at high single-stroking rates or in continuous mode, using either blanks or coil stock.

With a link motion press, the slide velocity decreases by up to 40 percent during the working portion of the stroke so the material flows more effectively while the non-working portion of the stroke increases by an offsetting amount to maintain high production rates. The results are better quality parts produced at higher production rates. In addition, the slower speed of the working stroke in the GL1 stamping press reduces die impact, punch penetration, snap-through, noise and vibration, thereby increasing machine and die life.

Tonnage Range: 88 - 220

Available [on Request]

- Press Dimensions
- Die Cushion Device

<https://www.stamtec.com/gl1-link-motion-series-gap-frame-press>

STANDARD Features

- Link motion drive technology
- Wet clutch and brake
- Flywheel brake
- Hydraulic overload system
- Air counterbalance system
- Automatic lubrication system
- Digital die height indicator
- Removable, flanged, T-slotted slide plate and bolster
- Motorized slide adjustment (on presses over 35 tons)
- OmniLink press controls



OPTIONAL Features

- Press controls from industry leaders like Wintriss, Link, Helm (Allen-Bradley), Toledo (Allen-Bradley), Siemens, Mitsubishi, etc.
- Anti-vibration press leveling mounts
- Safety light curtains
- Tonnage monitor
- Quick die-change system
- Die cushion
- Knockout bar
- Compact servo feed line

MODEL		GL1-80		GL1-110		GL1-160		GL1-200	
Type		B	D	B	D	B	D	B	D
Capacity	US Tons	88		121		176		220	
	Metric Tons	80		110		160		200	
Rated tonnage point	in	0.20		0.20		0.24		0.24	
	mm	5		5		6		6	
Stroke length	in	3.94	6.30	3.94	7.09	5.12	7.87	5.91	7.87
	mm	100	160	110	180	130	200	150	200
Strokes per minute	Fixed Speed SPM	60		50		45		35	
	Variable Speed SPM	55 ~ 110	40 ~ 75	50 ~ 100	30 ~ 65	40 ~ 85	25 ~ 50	35 ~ 70	20 ~ 45
Die height (S.D.A.U.)	in	11.81	12.99	12.60	13.78	13.78	17.72	16.14	17.72
	mm	300	330	320	350	350	450	410	450
Maximum upper die weight	lbs	1212.54		1366.87		1543.24		1763.70	
	kg	550		620		700		800	
Slide adjustment	in	3.15		3.54		3.94		4.33	
	mm	80		90		100		110	
Bolster area (L-R x F-B x T)	in	39.37 x 18.11	39.37 x 23.62	45.28 x 20.47	45.28 x 23.62	49.21 x 23.62	49.21 x 29.92	55.12 x 26.77	55.12 x 32.28
	mm	1000 x 460	1000 x 600	1150 x 520	1150 x 680	1250 x 600	1250 x 760	1400 x 680	1400 x 820
Bolster thickness	in	3.94		4.72		5.91		6.69	
	mm	100		120		150		170	
Slide area (L-R x F-B)	in	22.05 x 18.11		25.59 x 20.47		27.56 x 22.83		33.47 x 25.59	
	mm	560 x 460		650 x 520		700 x 580		850 x 650	
Main motor	Fixed Speed HP x p	10 x 4		15 x 4		15 x 4		15 x 4	
	Variable Speed HP x p	VS 10 x 4		VS 15 x 4		VS 15 x 4		VS 20 x 4	
Slide adjusting motor	kw x P	0.4 x 4		0.4 x 4		0.5 x 4		0.75 x 4	

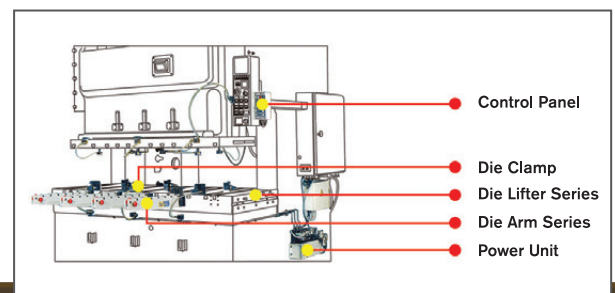
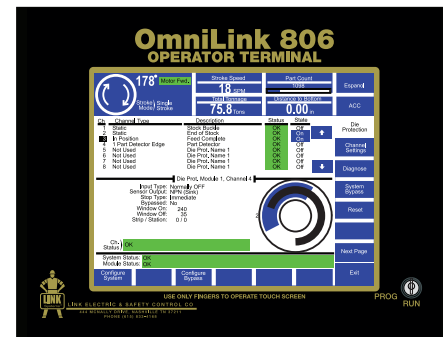
CONTROLS: OmniLink 5100-APC

The OmniLink 5100-APC controls offer a color touch screen, easy-to-use settings and die protection/process monitoring inputs, among a variety of other features. Stamtec presses can be CUSTOMIZED with your choice of press controls.

Q.D.C.: Quick Die Change Systems

Stamtec carries a full line of quick die change components, including hydraulic power units, clamps, lifters, and bolster extensions. Q.D.C. system benefits include:

- Reduced downtime
- Greater productivity
- Longer tool life
- Better part quality
- Increased speed
- Improved employee safety





As one of the largest press builders in the world, Stamtec has been providing dependable, high-performance metal stamping presses for more than 40 years in North America and 70 years worldwide. We also provide fully integrated press production systems including servo coil-feeding lines, transfer systems, quick die change systems, etc. Our 72,000 sq. ft. sales, service, logistics, and assembly facility in Tennessee is home not only to North America's largest inventory of new presses and spare parts, but also our most important asset - our people. Our staff of engineering, sales, service, and support personnel are here to serve you in the most timely and professional manner. Please contact us any time for a free professional consultation about your press production needs. We'd welcome the opportunity to help you!



Gap Frame Presses



Straight Side Presses



Servo Presses



Forging Presses



Coil Feeding & Handling Systems



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