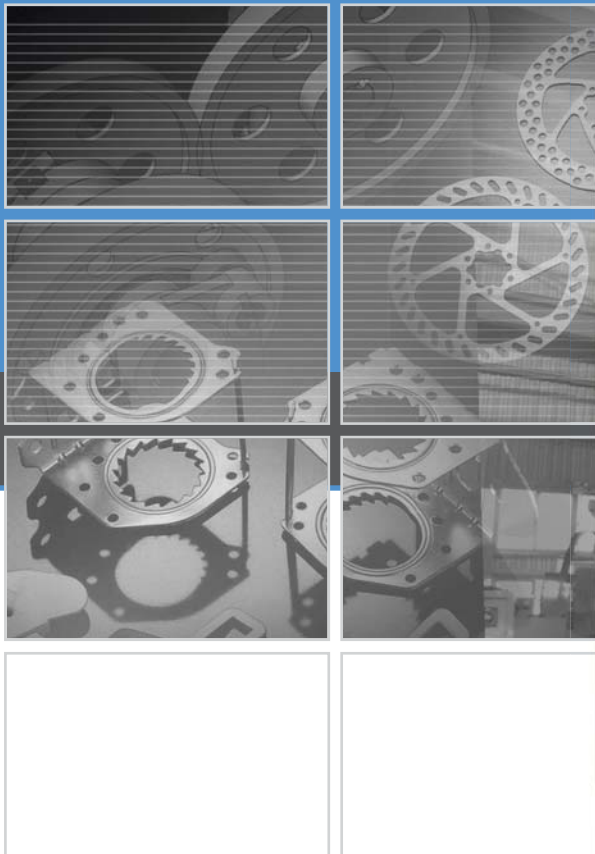


KW2 Series

Knuckle-Joint Cold Forging Presses



260 . 400 . 600 . 800 . 1000 . 1200 tons

KW2 SERIES

KNUCKLE-JOINT COLD FORGING PRESS

Stamtec KW2 Series - high precision progressive knuckle-joint presses are specially designed for cold forging and are ideal for near net-shape forming. The cold forge technology creates a product with more consistent and durable strength, because the process does not cut metal fibers.

- » High rigidity - minimum deflection
- » Knuckle-joint mechanism longer BDC dwelling time, high precision
- » Designed for thicker materials NET-shape blanking and coining
- » Improved precision of products
- » Prolong tooling life
- » Improve quality and stability of high precision products
- » Capable for wider stamping applications
- » Reduce noise and vibration, improves work environment.

Tonnage Range: 260 - 1,200

Available [on Request]

<https://www.stamtec.com/kw2-series-knuckle-joint-cold-forging-press>

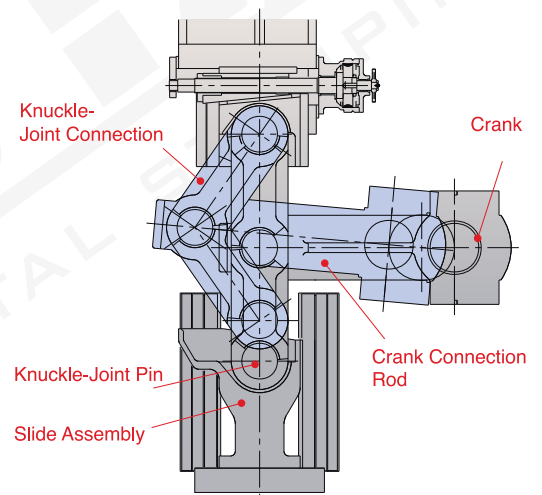
- Press Dimensions



PRESS Advantages

Designed for the “net-shape” blanking and coining of thicker materials.

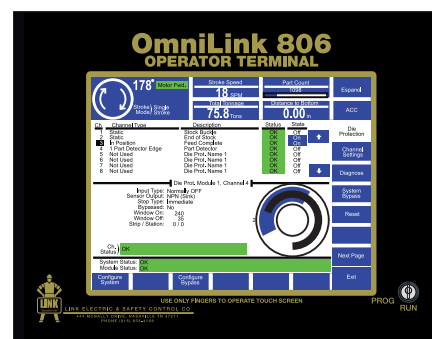
The system features a low inertia design with the gears running in an oil bath and spray system. For superior strength, durability, accuracy, and consistency, gears are manufactured in our own facilities to the highest manufacturing standards, using high quality steels. The gear teeth are finished ground and hardened to provide close running tolerances, prolonged life, and a smooth quiet operation. The crankshaft is forged from high-carbon steel; precision machined, and the bearings surfaces are smooth ground. The crankshaft main bearings and pitman bushings are custom machined from bronze alloy.



		KW2-260	KW2-400	KW2-600	KW2-800	KW2-1000	KW2-1200
Capacity	US Tons	286.60	440.93	661.39	881.85	1102.31	1322.77
	Metric Tons	260	400	600	800	1000	1200
Rated tonnage point (above B.D.C.)	in.	0.32	0.32	0.32	0.32	0.32	0.32
	mm	8	8	8	8	8	8
Stroke length	in.	4.72	6.30	7.87	7.87	9.84	9.84
	mm	120	160	200	200	250	250
Speed	Variable	35	35	35	30	30	30
	Fixed	(25) 35 ~ 50	25 (35) ~ 50	25 ~ 45	25 ~ 40	20 ~ 35	20 ~ 35
Die height (S.D.A.U.)	in.	17.72 (19.29)	17.72 (22.84)	23.62	25.59	25.59	25.59
	mm	450 (490)	450 (580)	600	650	650	650
Slide adjustment	in.	1.97 (1.18)	2.95 (1.18)	3.94	4.72	4.72	5.91
	mm	50 (30)	75 (50)	100	120	120	150
Slide area (L.R. x F.B.)	in.	51.18 x 29.53	62.99 x 35.43	84.65 x 49.21	88.58 x 51.18	98.43 x 55.12	98.43 x 55.12
	mm	1300 x 750	1600 x 900	2150 x 1250	2250 x 1300	2500 x 1400	2500 x 1400
Bolster area (L.R. x F.B.)	in.	51.18 x 29.53	62.99 x 35.43	84.65 x 49.21	88.58 x 51.18	98.43 x 55.12	98.43 x 55.12
	mm	1300 x 750	1600 x 900	2150 x 1250	2250 x 1300	2500 x 1400	2500 x 1400
Slide opening	in.	15.75 x 15.75	31.50 x 23.62	51.18 x 34.45	55.12 x 34.45	57.09 x 34.45	57.09 x 34.45
	mm	400 x 400	800 x 600	1300 x 875	1400 x 875	1450 x 875	1450 x 875
Main motor	HP x P	40 x 4	75 x 4	125 x 4	175 x 4	175 x 4	200 x 4
Slide adjusting motor	KW x P	1.5 x 4	3.7 x 4	3.7 x 6	7.5 x 6	7.5 x 6	7.5 x 6
Working height	in.	47.09	44.69	33.47	33.47	33.47	33.47
	mm	1196	1135	850	850	850	850

CONTROLS: OmniLink 5100-APC

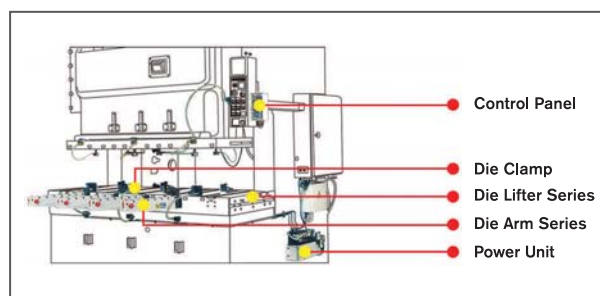
The OmniLink 5100-APC controls offer a color touch screen, easy-to-use settings and die protection/process monitoring inputs, among a variety of other features. Stamtec presses can be CUSTOMIZED with your choice of press controls.



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



STAMTEC, INC.

4160 Hillsboro Highway
Manchester, TN 37355 U.S.A.

TEL: +1-931-393-5050

FAX: +1-931-393-5060

stamtecpresses@stamtec.com

www.stamtec.com



STAMTEC EQUIPOS de ESTAMPACIÓN

Cerrada la Noria No. 200 Int. B-10, Queréglétaro Park II,
Parque Industrial Querétaro,

Santa Rosa Jáuregui, Querétaro, CP. 76220

TEL: +52-442-101-9555

stamtecpresses@stamtec.com

www.stamtec.com/es



www.STAMTEC.com