

KT

Knuckle-Joint Cold Forging Presses



400 . 650 . 850 . 1000 tons

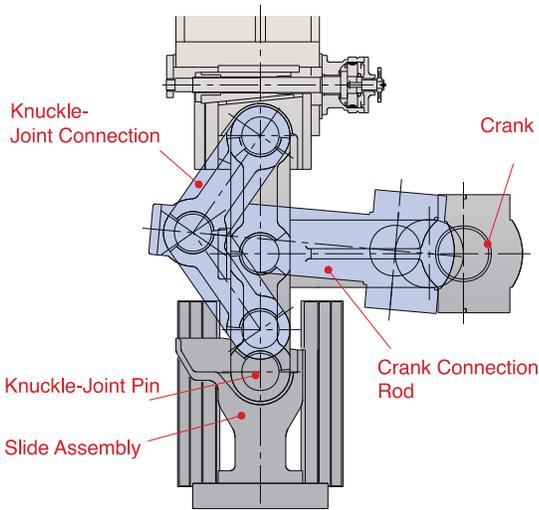
KT SERIES

KNUCKLE-JOINT • 1-POINT COLD FORGING PRESS

The Stamtec KT Series cold-forging presses are driven by a knuckle-joint mechanism capable of decreasing slide velocity by up to 40% as it approaches the bottom dead-end center point.

Knuckle-joint presses are capable of delivering a tremendous amount of force by transferring energy from a motor through a linkage design. The drive shaft crank rotates completely, while the links are grounded to support the pressure.

The knuckle-joint drive not only slows down the slide through the working portion of the stroke, but provides infinite pressure at the bottom of the stroke producing a significant dwell.



Tonnage Range: 400 - 1,000

Available [on Request]

- Press Dimensions

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



KT Series Knuckle-Joint Press

STANDARD Features

- Slide and tool counterbalance device
- Oil recirculation lubrication device
- Overrun protection device
- Hydraulic overload protection device
- PLC (Mitsubishi FX series)
- Programmable limit switches (8 channel)
- Digital Die height indicator
- Misfeed detection receptacle
- Solenoid Valve
- Safety rail and ladder
- Air ejector (3/8")
- Air receptacle (3/8")
- Maintenance tool kit
- Operation manual and inspection report
- Portable 2-hand push button t-stand
- OmniLink 5100-APC controls [standard]
- * Customer choice of press controls

OPTIONAL Features

- Available online

MODELS		KT-400	KT-650	KT-800	KT-1000
Main Specifications					
Capacity	US Tons	440.93	716.50	881.85	1102.31
	Metric Tons	400	650	800	1000
Rated tonnage point	in.	0.32	0.32	0.32	0.32
	mm	8	8	8	8
Stroke length	in.	7.09	7.87	7.09	9.84
	mm	180	200	180	250
Speed	SPM	25 - 40	25 - 35	25 - 35	25 - 35
Die height (S.D.A.U.)	in.	21.65	21.65	25.59	26.38
	mm	550	550	650	670
Bolster area (L-R x F-B x T.)	in.	27.56 x 27.56 x 4.72	31.50 x 31.50 x 5.91	43.31 x 31.50 x 6.69	43.31 x 31.50 x 7.09
	mm	700 x 700 x 120	800 x 800 x 150	1100 x 800 x 170	1100 x 800 x 180
Slide area (L-R x F-B)	in.	26.77 x 27.56	30.71 x 31.50	42.52 x 31.50	42.52 x 31.50
	mm	680 x 700	780 x 800	1080 x 800	1080 x 800
Slide open (F-B x H.)	in.	19.69 x 19.69	21.65 x 24.80	27.56 x 28.74	27.56 x 28.74
	mm	500 x 500	550 x 630	700 x 730	700 x 730
Slide adjustment	in.	0.59	0.59	0.59	0.59
	mm	15	15	15	15
Air Pressure Requirement	PSI	71.12	71.12	71.12	71.12
	kg / cm ²	5	5	5	5
Main Motor	HP x P	V.S. 50 x 4	V.S. 100 x 4	V.S. 100 x 4	V.S. 125 x 4

Bed Knockout Device					
Capacity	US Tons	11.02 x 3.31 = 36.48	16.54 x 3.31 = 54.75	13.23 x 5.12 = 67.74	13.23 x 5.12 = 67.74
	Metric Tons	10 x 3 = 30	15 x 3 = 45	12 x 5 = 60	12 x 5 = 60
Stroke length	in.	2.36	2.76	2.76	2.76
	mm	60	70	70	70



NORTH AMERICAN HEADQUARTERS
Manchester, TN | www.stamtec.com



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®

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