



METAL STAMPING & FORMING EQUIPMENT



Gap Frame Presses, Straight-Side Presses, Servo Presses, Forging Presses, Peripheral Equipment

OUR COMPANY

Solutions, Longevity, Resources

SOLUTIONS

Whether it be stand-alone presses for hand feeding compound dies, large bed presses for progressive dies, or multi-purpose presses that can handle both progressive and transfer dies, we can supply your needs. In addition, we offer complete solutions for press-related peripheral equipment through our strategic alliances with OEM providers of advanced press control systems, feedlines, transfer systems, quick die change systems, etc. So the next time you need press room equipment, give us a call and let us imPRESS you.

LONGEVITY

We have been designing and building mechanical presses for more than 60 years, and in the North American market for almost 30 years. Worldwide, we have gained a reputation for quality, reliability, and proven performance.

RESOURCES

Our presses are manufactured by our own employees in our ISO-certified factories in Taiwan and China. In addition, we have a full staff of electrical and mechanical engineers, sales / application specialists and 24/7 services / support personnel located at our 72,000 sq. ft. logistics and assembly facility in Manchester, TN (60 miles southeast of Nashville, TN).



- We have the largest **in-stock inventory** of presses in the U.S. Many single-point gap, two-point gap, and straight side presses in stock, from 25 - 660 tons.
- We also build **custom designed presses** with capacities up to 3300 metric tons.
- Our capabilities include **complete turn-key integration** of press, quick die change, coil feeding, transfer system and other peripheral equipment.
- Through our parent company, we are one of the largest press builders in the world, with **more than 50,000 presses** sold and producing up to 3,000 presses per year. Worldwide we have 1,500 employees and 6,500,000 sq. ft. of manufacturing floor space, with facilities in the U.S., Taiwan and China.
- With Stamtec, you'll have **local support** through our national dealer network and select service centers.

GAP FRAME PRESSES

1-Point (Single-Crank) and 2-Point (Double-Crank)

PRODUCE HIGH QUALITY STAMPINGS

Low Deflection, Ultra-Rigid Steel Frame.

REDUCE NOISE AND VIBRATION

Vibration dampening cast slide (includes removable slide plate for easy modification of upper die mounting surface).

MAKE ADJUSTMENTS QUICKLY AND EASILY

Motorized slide adjustment (on OCP-45 and larger).

CONTROL YOUR PROCESS

Integrate STAMTEC'S standard press control system, or the optional control system of your choice (e.g. Wintriss, Allen-Bradley, Siemens, Mitsubishi).

STAMTEC GAP FRAME PRESSES (27 - 330 tons)

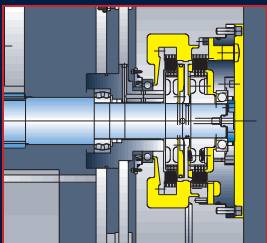
- **OCP Series** (1-Point Gap Frame)
- **GL1 Series** (1-Point Gap Frame, Link Motion Drive)
- **G2 Series** (2-Point Gap Frame)



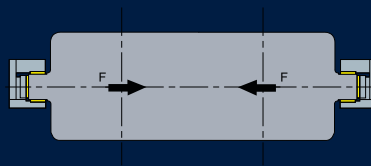
G2 SERIES
2-Point Gap Frame
121 - 330 tons



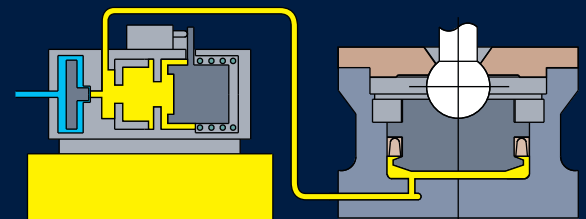
OCP SERIES
1-Point Gap Frame
27 - 330 tons



Get high performance with low maintenance, long-life wet clutch and brake



Assure accurate vertical force with centered box-type gibbing



Protect press and dies with fast response Hydraulic Overload Protection

STAMTEC STRAIGHT SIDE PRESSES

1-Point (Single-Crank) and 2-Point (Double-Crank)

- » Low-deflection, rigid frame components, constructed using only the highest quality steel and welding procedures.
- » Robust drive trains and gears, manufactured in our own factories, for the best in accurate machining and quality assurance.
- » Durable, reliable clutches / brakes, manufactured in our own facilities, or specified from world-class press clutch / brake builders.
- » Construction and machining tolerances guaranteed to meet JIS First Class standards, and typically 1.5 to 2 times better than JIS First Class.
- » Bed and slide deflections meet or exceed JIS First Class Standards, and can be specified as low as .00075" per foot.
- » Overall mass and dimensions of major components generally greater than most press builders, with many components built to 1.6 times capacity.
- » Bushings manufactured with a spin-cast mold process, resulting in the purest copper alloy materials.
- » Bearings supplied from top bearing manufacturers, (SKF and NSK).



GTX SERIES
2-Point Straight Side
176 - 550 tons



S2 SERIES
2-Point Straight-Side
165 - 3300 tons

STAMTEC STRAIGHT SIDE PRESSES (165 - 3300 tons)

- **S1 Series** (1-Point Straight Side)
- **SL1 Series** (1-Point, Link Motion Straight Side)
- **SC1 Series** (1-Point Straight Side, Unitized Frame)
- **SE Series** (2-Point and 4-Point, Eccentric Geared Straight Side)
- **S2 Series** (2-Point Straight Side)
- **SL2 Series** (2-Point, Link Motion Straight Side)
- **GTX Series** (2-Point Straight Side)
- **SLX Series** (2-Point, Link Motion Straight Side)
- **HSD Series** (2-Point, High Speed Straight Side)
- **SC2 Series** (2-Point Straight Side, Unitized Frame)



SL2 SERIES
2-Point, Link Motion Straight Side
165 - 3300 tons

FORGING PRESSES

Stamp and Form with Versatile
Warm / Hot and Cold Forging Presses

For many components, cold or hot forging offers significant production efficiencies compared to more traditional manufacturing methods. In addition, part strength, integrity and material savings can be significant when producing parts on Stamtec forging presses.

Stamtec's forging presses employ knuckle-joint, or oversized eccentric shaft mechanisms specially designed for forging, and ideal for near-net-shape forming.

Cold Forging forms steel components without breaking down the material, resulting in stronger, more consistent parts integrity. Knuckle-joint mechanisms achieve a mechanical advantage that supplies very high tonnage and a "dwell" near the bottom of the stroke.

Warm and Hot Forging Presses use direct drive or single-gear drive systems with oversized eccentric shafts, ideal for forming small components like ironware, hand tools, gears, engine parts, etc.



LF1 SERIES

Compound - Link Sheet Metal Forging Press
200 - 650 tons



KW2 SERIES

Knuckle-Joint Forging Press
276 - 1760 tons

STAMTEC WARM / HOT AND COLD FORGING PRESSES

- **LF1 Series** (220 - 715 tons)
Compound - Link Sheet Metal Forging Presses
- **KW1 and KW2 Series** (276 - 1760 tons)
Knuckle-Joint Forging Presses
- **WF1 Series** (400 - 1760 tons)
Warm / Hot Forging Presses
- **KP and KT Series** (275 - 2200 tons)
Knuckle-Joint Cold Forging Presses

SERVO PRESSES

1-Point and 2-Point
Direct Drive and Link-Assisted Drive

STAMTEC SERVO PRESSES

POWERED BY **SIEMENS**

Stamtec uses non-proprietary servo motors and controls for the best in availability, reliability, and performance.

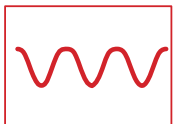
- **SDS Series** (660 tons and up)
2-Point, Straight-Side, Direct Drive Servo Presses
- **iS2 Series** (176 - 550 tons)
2-Point, Straight-Side, Direct Drive Servo Presses
- **iS1 Series** (88 - 276 tons)
1-Point, Gap or Straight-Side, Direct Drive Servo Presses
- **iLS1 / DLS Series** (88 - 276 tons)
1-Point, Gap or Straight-Side, Link-Assisted Drive Servo Presses



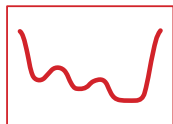
SDS SERIES SERVO PRESS

2-Point, Straight-Side, Direct Drive
660 tons and up

DIVERSIFIED CURVES



Pendulum



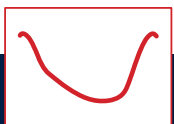
Pulse 1



Pulse 2



Feeder



Link



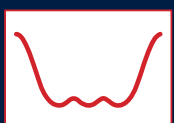
Fine Blanking



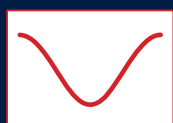
Coining



Mold Heating



Swing Forging



Crank



iLS1 SERIES SERVO PRESS

1-Point Gap, Link-Assisted Drive
88 - 276 tons

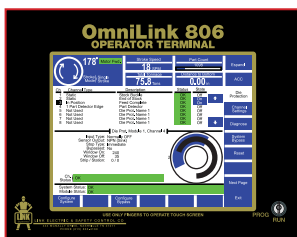
AUXILIARY EQUIPMENT

STAMTEC Feedlines



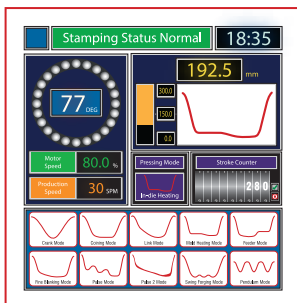
- **2-in-1 Feedlines:** Compact Straightener and Uncoiler, provides optimum straightening and excellent value.
- **3-in-1 Feedlines:** Innovative 3-in-1 Combination Servo Straighteners / Feeders / Uncoilers built to handle a wide range of material width and thicknesses.
- **Traditional Feedlines:** Separate feeder, straightener, and uncoiler provides maximum flexibility in feedline arrangement.

PRESS CONTROLS



Stamtec / OmniLink Press Controls (Standard Equipment)

- **5100-MPC Press Controls:** 805 Operator Terminal features a 5.7" LCD TFT with 640 x 480 pixel resolution display and 100 job storage capacity.
- **5100-APC Press Controls:** 806 Operator Terminal features a 10.4" Color touch screen display and 1000 job storage capacity to provide quick, consistent set-ups.



Stamtec / Siemens Press Controls

Stamtec integrates Siemens proprietary servo press controls on our Direct Drive and Link-Assisted Servo Presses. This allows us to achieve a wide variety of stroke lengths and slide movement profiles, while supplying full working energy capacity even at low speeds.

Stamtec presses can be CUSTOMIZED with your choice of press controls from:

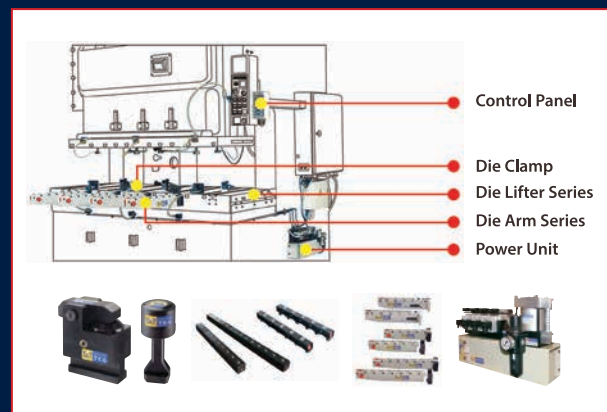


FORWELL QUICK DIE CHANGE SYSTEMS

Increase uptime by adding Forwell Quick Die Change System to any **NEW** or **EXISTING** STAMTEC Press.

Our Q. D. C. systems typically include:

- Clamps
- Lifters
- Arms
- Power Unit



Stamtec, Inc. - High performance metal stamping & forming production equipment

Stamtec has been providing dependable, affordably priced metal stamping presses for almost 40 years in North America, and almost 70 years worldwide through our parent company Chin Fong. 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. So, tap into our global strength, and grow with us as we grow with you!



Manchester, TN