



PRESSES

Mechanical | High-Speed | Servo | Forging

AUXILIARY EQUIPMENT

Feeding & Coil Handling | Q.D.C. | Press Controls | Transfer Systems

COMPLETE PRESS LINE SOLUTIONS

OUR COMPANY

Solutions, Longevity, Resources

SOLUTIONS - We can provide for your entire press production system, including peripheral equipment like coil feed lines, transfer systems, and quick die change systems.

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, slitting lines, cut-to-length lines, transfer systems, quick die change systems, etc.

LONGEVITY - We have been designing and building presses for more than 70 years...

... and have been supplying the North American market for more than 40 years, earning a worldwide reputation for quality.

RESOURCES - We manufacture, stock, and support our equipment from our own facilities around the world, including North America.

We design and build more than 3,000 press per year in our own facilities, using our own employees, for the best in quality, lead time, and cost savings.

We stock more than 60 presses from 35 - 660 tons in our 72,000 square foot facility in Manchester, TN (one hour from Nashville). Manchester is also home to our most valuable asset- our skilled, dedicated team of engineering, sales, and support people.



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-60 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, etc.).

STAMTEC GAP FRAME PRESSES [27 - 330 tons]

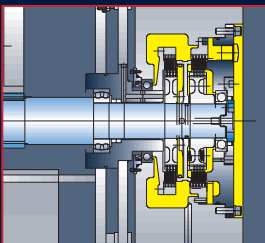
- **OCP Series:** 1-Point, Single-Crank
- **GL1 Series:** 1-Point, Single-Crank, Link Motion Drive
- **GHS Series:** 1-Point, Single-Crank, High-Speed Precision
- **G2 Series:** 2-Point, Double-Crank



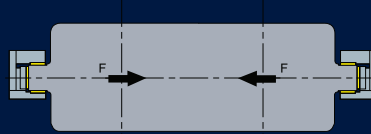
OCP SERIES
1-Point, Single-Crank Press



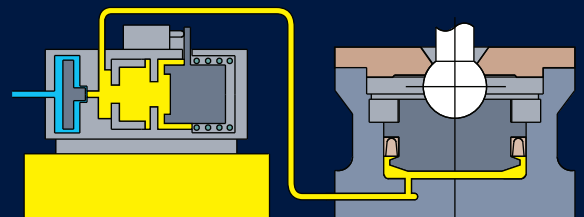
G2 SERIES
2-Point, Double-Crank Press



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 drivetrains 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 Double-Crank



S2 SERIES
2-Point Double-Crank

STAMTEC STRAIGHT SIDE PRESSES [121 - 4,400 tons]

[All Stamtec Straight-Side Presses Available with Link-Motion]

- **SC1 Series:** 1-point, Crankshaft, D-Frame
- **ST1 Series:** 1-point, Crankshaft, Unitized Frame
- **S1 Series:** 1-point, Crankshaft, Tie-Rod or Unitized Frame, Fully-Customizable
- **GTX Series:** 2-point, Crankshaft, Unitized, Economical, Semi-Customizable
- **ETX Series:** 2-point, Eccentric-Geared, Unitized, Economical, Semi-Customizable
- **S2 Series:** 2-point, Crankshaft, Tie-Rod or Unitized, Fully-Customizable
- **SE Series:** 2 & 4-Point Eccentric-Geared, Tie-rod, Fully-Customizable
- **HS2 Series:** 2-Point, High-Speed, Eccentric-Shaft, Welded Frame, Customizable
- **HSD Series:** 2-Point, High-Speed, Eccentric-Shaft, Cast Frame



SE SERIES
2 and 4-Point Eccentric-Geared

SERVO PRESSES

1-Point, 2-Point, and 4-Point
Direct Drive

STAMTEC SERVO PRESSES [88 - 4,400 tons]

Stamtec uses non-proprietary servo motors and controls for the best in availability, reliability, and performance. Our patented control interface makes press setup and navigation the simplest, easiest, and most intuitive in the industry.

- **SDS Series:** 2 & 4-Point, Straight-Side, Eccentric-Geared Presses
- **iS2 Series:** 2-Point, Straight-Side, Direct Drive Presses
- **iS1 Series:** 1-Point, Gap or Straight-Side, Direct Drive Presses
- **S2S Series:** 2-Point, Straight-Side, Crankshaft Presses



SDS SERIES

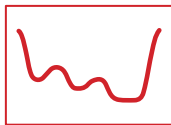
2 & 4-Point, Straight-Side, Eccentric Geared Press

DIVERSIFIED CURVES

Customized curve profiles available upon request.



Pendulum



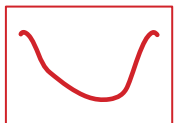
Pulse 1



Pulse 2



Feeder



Link



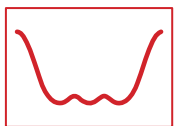
Fine Blanking



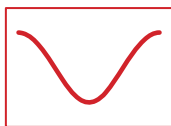
Coining



Mold Heating



Swing Forging



Crank



Freeform



iS1 SERIES

1-Point Gap Frame, Direct Drive Press

* Curve profiles are standard with our servo press control.

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.

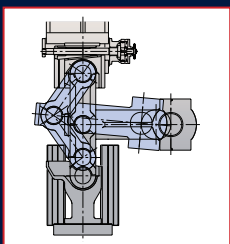
Cold Forging forms steel components without breaking down the material, resulting in stronger, more consistent parts integrity. Knuckle-joint mechanisms achieve a mechanical advantage that supplies very high tonnage and a "dwell" near the bottom of the stroke.

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.

STAMTEC WARM, HOT, AND COLD FORGING PRESSES

[All Stamtec Forging Presses Available Up-To 4,000 Tons]

- **LF1 Series:** 1-Point, Compound Link, Cold Forging, Complex Sheet Metal
- **KW1 and KW2 Series:** 1 & 2-Point, Knuckle-Joint Plunger Guided, Cold & Semi-Hot Forging, Thick Sheet Metal
- **WF1 and WF2 Series:** 1 & 2-Point, Eccentric Shaft, Warm/Hot Forging
- **KP and KT Series:** 1-Point, Knuckle-Joint, Cold Forging & Cold Forging Transfer, Near Net-Shape
- **KL1 and KL2 Series:** 1 & 2-Point, Stephenson Drive, Cold Forging, Long Parts (Knuckle-Joint + Link Motion)



Slide Knuckle-Joint Mechanism

Slide is connected to crank by two pieces of linked knuckle joints; its weight is offset by the adjustable pneumatic counterbalancer. This mechanism is to transit the revolution of crank to drive the slide for the movement of up and down strokes.



LF1 SERIES

Compound - Link Sheet Metal Forging Press



KW2 SERIES

Knuckle-Joint Forging Press

AUXILIARY EQUIPMENT

Coil Feeding , Quick Die Change Systems,
Press Controls and more.

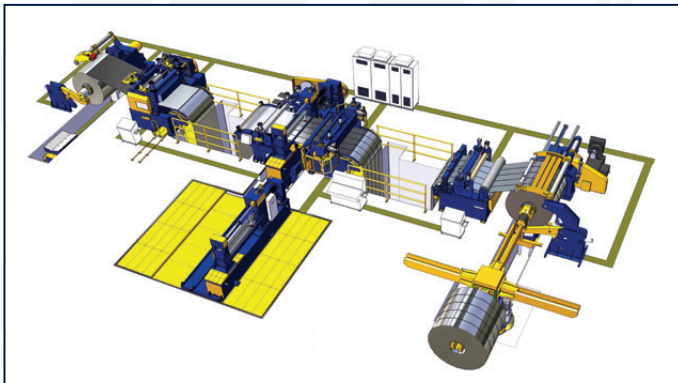
COIL FEEDING and HANDLING

- **2-in-1 Feedlines:** Compact Straightener and Uncoiler.
- **3-in-1 Feedlines:** Separate Servo Straightener / Feeder / Uncoiler.
- **Traditional Feedlines:** Separate Feeder, Straightener, and Uncoiler.
- **Production Lines:** Blanking, Transfer, Slitting and Cut-To-Length



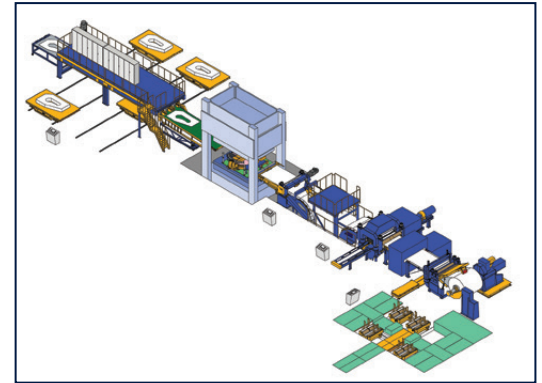
3-IN-1

Servo Feeder Straightener & Uncoiler



Production Lines

Slitting and Cut-to-Length

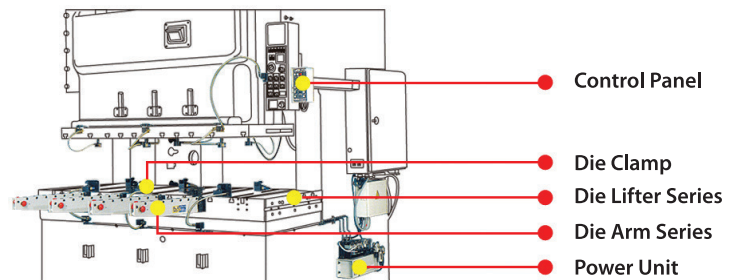


Production Lines

Blanking

QUICK DIE CHANGE SYSTEMS

Stamtec carries a full line of quick die change components, including hydraulic power units, clamps, lifters, and bolster extensions.



PRESS CONTROLS



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

SIEMENS

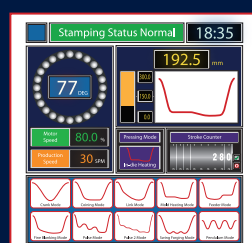
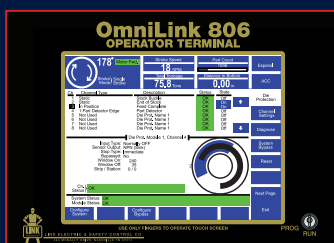
MITSUBISHI
ELECTRIC

WINTRISS®

MOOG

Delta™
CONTROLS

Rockwell
Automation
Allen-Bradley



Stamtec / OmniLink Press Controls

Straight-Side and Gap Frame Presses
IN-STOCK at Stamtec feature OmniLink
5100-MPC or 5100-APC Press Controls.



MANCHESTER, TN USA



QUERÉTARO, MEXICO



CHANG HUA, TAIWAN



NINGBO, CHINA

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!



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STAMTEC EQUIPOS de ESTAMPACIÓN

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