

HS2 SERIES

STAMTEC[®]
METAL STAMPING & FORMING EQUIPMENT

HIGH SPEED 2-POINT STRAIGHT-SIDE ECCENTRIC CRANKSHAFT

PRECISION BALANCING

Counterweighted eccentric shaft to minimize vibration to the drivetrain components.

UNITIZED FRAME

Stress relieved welded frame provides superior rigidity to resist flexing during high-speed stamping.

MOTORIZED SLIDE ADJUSTMENT

Standard on all HS2 presses for quick & easy adjustment during tool changeovers.

PNEUMATIC REGULATORS

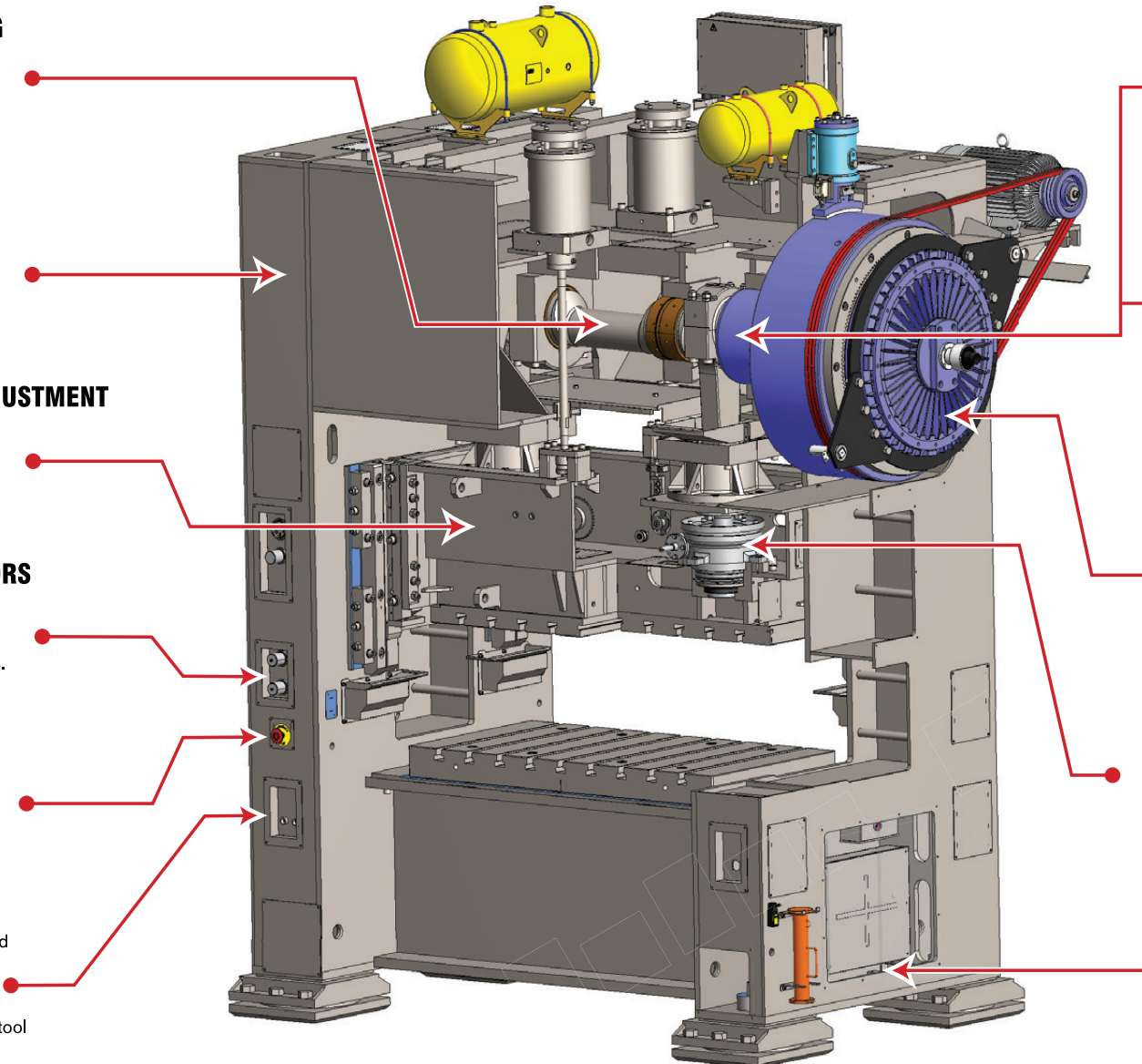
Mounted on columns for simple counterbalance pressure adjustments during tool changes.

E-STOPS

Mounted on columns for quick and easy access.

AIR CONNECTORS

(1) Programmable Air Ejector and (1) Constant Air Source mounted on columns for convenient connection point for tool and die air needs.



ECCENTRIC SHAFT

Stronger than traditional crankshaft to resist torsional stress from high-speed stamping.

TWO VERSIONS

Depending on your application:

1. Flywheel-driven- Eccentric shaft is directly coupled to the flywheel with no reduction gearing, for higher speeds and quiet, smooth running.
2. Gear-driven- Eccentric shaft with reduction gearing for slower speeds and more torque.

DRY CLUTCH & BRAKE

For reliable performance without unnecessary weight or additional lubrication that a wet clutch would require.

HYDRAULIC STICK RELEASE

To release slide from being stuck on bottom of stroke.

AUTOMATIC OIL COOLING

Monitored by temperature sensors in the main lube tank to prevent overheating of lubrication due to high-speed stamping.

HS2 SERIES

HIGH SPEED + HIGH PRECISION = HIGH PRODUCTIVITY

- Eccentric shaft - Stronger than a traditional crankshaft, with more bearing surface.
- Precision-balancing - Dynamically balanced for smooth, vibration-free performance.
- Two versions available, depending on your application:
 1. **Flywheel-driven** - Eccentric shaft is directly coupled to the flywheel with no reduction gearing, for higher speeds and quiet, smooth running.
 2. **Gear-driven** - Eccentric shaft with reduction gearing for slower speeds and more torque.
- Capacity - 110 tons, 165 tons, 220 tons
- Speed range - up to 500 SPM



HS2 Series - Specifications									
All Models available in 48, 60, or 72 inch bed's (or custom dimensions)									
Customized Specs Available Upon Request									
Stamtec Model	Slide Adjust Electric Motor	Capacity (US Tons)	Stroke Length (in.)	Max Speed (SPM)	Bolster Area	Working Height (in.)	Die Height SDAU (in.)	Max. Opening Between Columns F-B (in)	Slide Area
HS2-110	Equipped as Standard	110	1.0	500	Standard Bed Sizes: 48 x 31 60 x 31 72 x 31	36	Standard: 14 to 16 *Customizable	16	Standard Slide Area: 48 x 18.5 60 x 18.5 72 x 18.5
			1.5	450					
			2.0	400					
			2.5	350					
			3.0	300					
			4.0	250					
HS2-165	Equipped as Standard	165	1.0	450	Standard Bed Sizes: 48 x 40 60 x 40 72 x 40	42	Standard: 14.75 to 18.5 *Customizable	20	Standard Slide Area: 42 x 23 60 x 23 72 x 23
			1.5	400					
			2.0	350					
			2.5	300					
			3.0	250					
			4.0	225					
HS2-220	Equipped as Standard	220	1.0	400	Standard Bed Sizes: 48 x 44 60 x 44 72 x 44	42	Standard: 17.5 to 20 *Customizable	22	Standard Slide Area: 48 x 30 60 x 30 72 x 30
			1.5	350					
			2.0	300					
			2.5	275					
			3.0	250					
			4.0	225					
			5.0	200					
			6.0	180					