

# EVO

by Beckwood

HIGH PRECISION  
SERVO-ELECTRIC PRESSES



## WHY GO SERVO-ELECTRIC?

Servo-electric actuation has allowed the Beckwood engineering team to design and craft the most precise, energy-efficient, and contaminant-free presses that we've made to date. With an EVOx™ servo-electric press, you gain the capabilities of the highest performing machine on the market, and never have to repair a hydraulic leak again.

We've delivered EVOx™ presses to satisfied customers in:

- Medical
- Aerospace
- Automotive
- Electrical
- Automotive
- *And many other industries*

Whatever it is that you make, there's an EVOx™ model that can find a home in your plant.



## REDUCE SCHEDULED MAINTENANCE TO NEAR NONE

Our EVOx™ servo-electric presses require hardly any maintenance throughout their entire life cycle. By eliminating the need for hydraulic pumps, valves, hoses, & filtration systems, businesses like yours can do more of what you do best by keeping maintenance related downtime to a minimum.

## NEW TECHNOLOGY – FAMILIAR SUPPORT

Feeling skeptic about making the switch? Our servo-electric presses are designed by the same experts behind the Beckwood hydraulic presses that you know and love. Even with a different actuation mechanism, these presses are still from Beckwood, meaning that you'll get the same dedication to creative engineering, quality, and unwavering support that you would get with any of our other press models.

## SCALE TONNAGE CAPABILITIES ON YOUR TERMS

In just the past 5 years we've increased the tonnage capacity of our servo-electric presses from an initial 50 tons to now up to 500 tons. As linear servo-electric actuation technology continues to advance at breakneck speed, we're keeping pace to help customers like you scale up your press' tonnage capability on your own terms.

# MACHINE SPECIFICATIONS

## UNPARALLELED FORMING PRECISION

EVOx™ servo-electric presses are our most capable precision forming machines. These presses boast an astounding force accuracy of +/- 0.5% of full scale and positional repeatability within just 0.0005", at any point of the stroke.

### STANDARD EVOx™ MODELS



Model	Tonnage	Bed/Ram Size	Throat	Daylight	Stroke	Motor (kW)	Speeds IMP (FA/P)
C1-5	2.5	12" x 16"	7"	12"	12"	2.5	570 / 180
C1-10	5	12" x 16"	7"	12"	12"	4.4	570 / 180
C2-20	10	14" x 21"	8"	24"	12" or 24"	11	480 / 150
C2-40	20	14" x 21"	8"	24"	12" or 24"	11	210 / 90
C3-60	30	20" x 30"	11"	24"	12" or 24"	15	180 / 90
C3-100	50	20" x 30"	11"	24"	12" or 24"	15	120 / 60
P1-5	2.5	12" x 12"	N / A	12"	12"	2.5	570 / 180
P1-10	5	12" x 12"	N / A	12"	12"	4.4	570 / 180
P2-20	10	18" x 24"	N / A	24"	12" or 24"	11	450 / 150
P2-40	20	18" x 24"	N / A	24"	12" or 24"	11	210 / 90
P3-60	30	24" x 36"	N / A	30"	12" or 24"	15	180 / 90
P3-100	50	24" x 36"	N / A	30"	12" or 24"	15	120 / 60



### NEED CUSTOM CAPABILITIES?

EVOx™ presses can be equipped with custom features to tackle your toughest forming challenges with ease.

- Heated platens
- Draw cushion or Knockout cylinder(s)
- Bed shuttle
- Light curtains
- Physical guarding
- Work cell integration
- Automation

### OUR MOST ADVANCED HMI SOFTWARE YET

Our servo-electric models (both EVOx™ and LSP) are equipped with our most advanced HMI software to make using your new press both easy and exciting. Enjoy features like:

- Built-in "Go / No Go" Monitoring capability
- Performance analysis tools to review current & previous cycles
- High speed data capture and real time display
- Step by Step Recipe Creation & Seamless Recipe Storage Capabilities