

# Evolution in Productivity



## 92W Series Electric Power Clamps

DESTACO now offers an electrified versions of its pneumatic power clamps. The new 92W series electric power clamps will be offered in two sizes, a compact and heavy-duty version. The 92W offers adjustable speed, torque, and opening angles from the control module, with a total clamp movement of 360deg, or up-to-225 degrees with standard clamp arms installed. They also features integrated tolerance compensation that allows for part sheet thickness variations.

Leading the way into the future, our growing BIW product line of smart, electric products eliminate CO<sub>2</sub> use, provide important data and control for optimizing efficiencies, and are a frontrunner for flexible manufacturing with Plug & Play solutions.

As production requirements evolve, DESTACO will continue to expand our product portfolio of electric solutions for use in all types of manufacturing processes.














### Product Highlights/Options

- Plug & Play solution
- Integrated part present control
- Energy efficiency - CO<sub>2</sub> reduction
- Self adjustment - no shims needed



### Features, Markets and Applications

 <p>ELECTRIC</p>	<ul style="list-style-type: none"> <li>• Daisy chain connection requires less cables</li> <li>• Two control and drive options available</li> <li>• Fast start up during installation</li> </ul>	 <p>AUTOMOTIVE</p>	 <p>ASSEMBLY</p>
 <p>PERFORMANCE</p>	<ul style="list-style-type: none"> <li>• Controlled motion provides smooth opening and closing</li> <li>• Infinite clamp opening positions for multiple applications</li> <li>• Adjustable speed offers cycle time optimization</li> </ul>	 <p>INDUSTRIAL</p>	 <p>WELDING</p>
 <p>LOW/NO MAINTENANCE</p>	<ul style="list-style-type: none"> <li>• Predictive maintenance for improved production planning</li> <li>• Provides quick restart after emergency stop</li> </ul>	 <p>AEROSTRUCTURE</p>	 <p>FIXTURE/TESTING</p>
		 <p>FOOD &amp; PACKAGING</p>	 <p>HARSH ENVIRONMENT</p>

# 92W SERIES

Electric Smart Power Clamps | Features and Options

The **92W Series Electric Smart Clamp** are used in any applications where it is necessary to accurately position parts and tooling for the next process including assembly and welding applications.

Adjustable clamp arm swing

Adjustable opening speed

Integrated position and hold down control

Consistent mounting pattern

Integrated part present control

Allows the use of standard u-shape and lateral clamp arms



Two Sizes:  
Compact and Heavy-Duty

Two control and drive options available (400V and 48V)  
Can be rotated in 90° increments

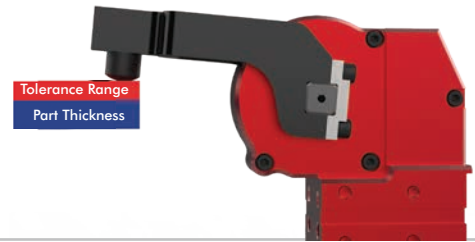
# 92W SERIES

Electric Smart Power Clamps | Features and Options

## Part Present Control and Tolerance Compensation

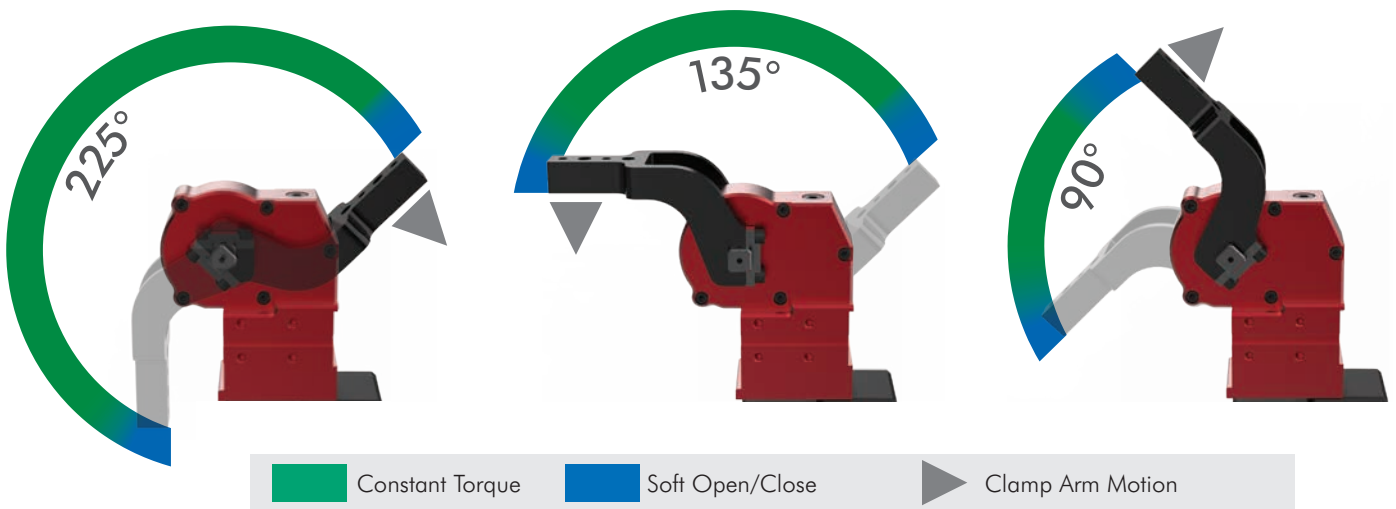
The 92W Series electric power clamps has built in part present control to improve the process quality by detecting sheet metal parts during production. (No external sensors needed)

The self-adjustment function allows tolerance compensation for maximum flexibility during production. (No shims needed)

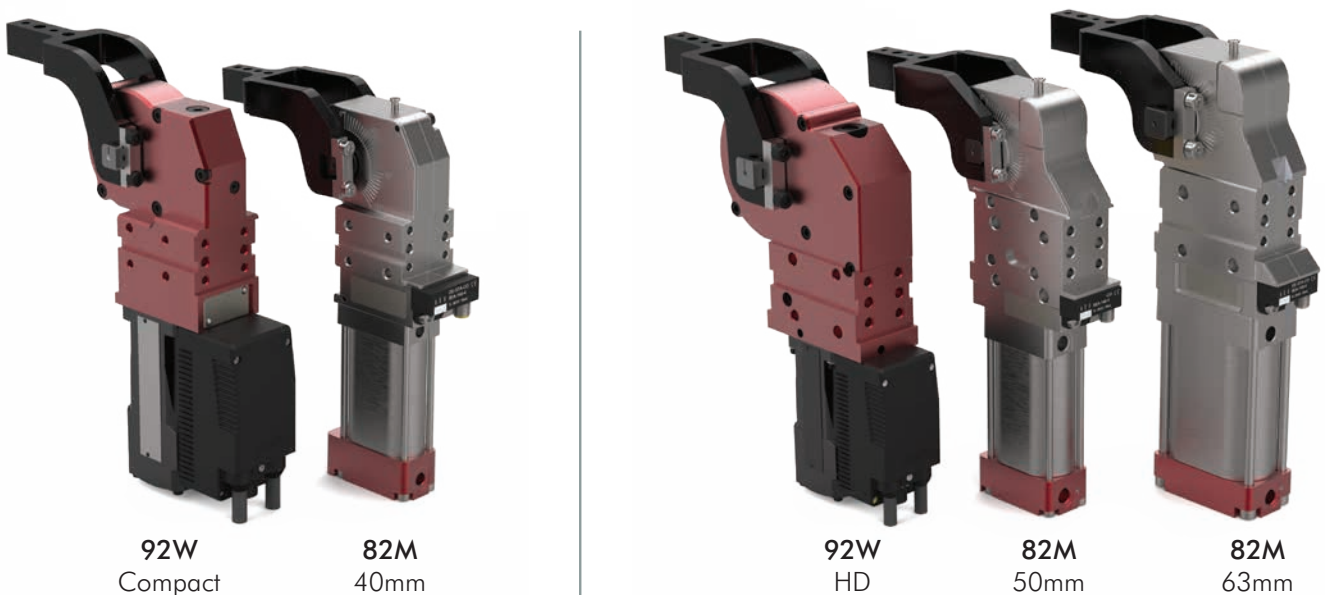


## Infinite Clamp Opening Positions for Multiple Applications

Clamping can be started at any angle and can be set for any opening angle, with a total opening angle of 225° when standard clamp arm is installed.



The 92W series shares the same mounting pattern as the pneumatic versions of our power clamps:



Electric Body-in-White Product Portfolio



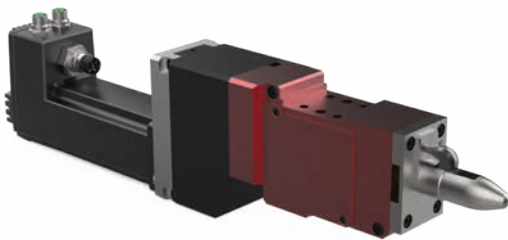
92W Electric Power Clamp (Compact)



92W Electric Power Clamp (Heavy Duty)



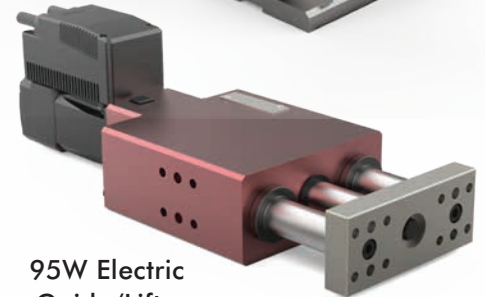
98W Electric Pivot Unit (With Decentralized Drives)



92P Electric Centering Pin Clamp



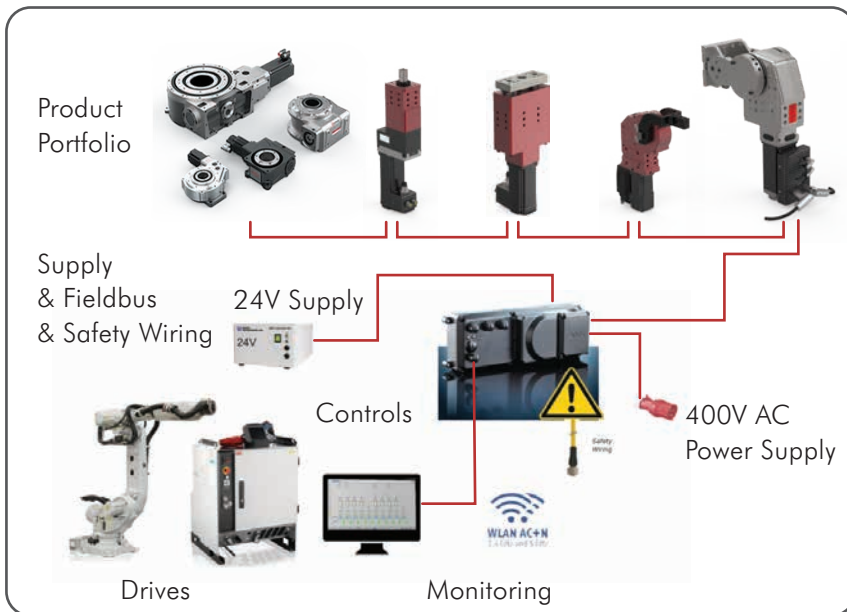
96W Electric Pin Package



95W Electric Guide/Lifter



99W Electric Positional Slide





Contact DESTACO to learn more about our Electric Solutions and how we are evolving our customers' productivity in manufacturing.

Dimensions and technical information are subject to change without notice.

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