

DOUBLE UPSETTER

Shaping the future of
advanced forging: superior
quality, minimal equipment,
and lower operating costs.



Hydraulicco

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Elevate your forging capabilities and secure stable high quality and minimal running cost.

Discover how Hydraulico's custom double hydraulic upsetter merges mechanical-press speed with servo-hydraulic control, plus independent forming from top, left, and right: one Universal Servo Press (USP) can outdo three single upsetters while ensuring stable high quality, minimal equipment, and significantly lower operating costs.



Why go with Hydraulico's double upsetting press technology?

01

Maximize your profits and boost your production

Achieve up to 60% less handling, 50% lower energy consumption, and fewer heating cycles (avoiding grain growth). Control part-tool friction for up to 60% higher feasibility when extruding, with extended die life for greater throughput. Plus, produce two single-ended parts at once. Expect lower costs, reduced labor, and strong ROI.

02

Unparalleled production flexibility

Imagine a custom press with up to five independent forming axes, handling all preforming operations—even for asymmetrical parts—in one machine. Our servo double upsetter performs extrusion and single or double upsetting, vertically or horizontally, plus optional off-center forging, eliminating extra presses. Setup changes take under 30 minutes.



With three hydraulically driven, independent axes, you gain unmatched flexibility for complex operations.

03

Precision and full process control

Whether forging jet engine or turbine blades, heavy shackles, ended axles, or suspension bars, the double upsetter excels in precision and repeatability. Forming speeds of 0.1 to 350 mm/s with ± 0.1 mm accuracy ensures consistently high quality, and material savings can reach 20%. Real-time monitoring, adjusting, and parameter storage enhance performance across diverse applications.



Flexibility in action: we work with aluminum, titanium, Inconel, and a wide range of other alloys.

Maximize quality and productivity

Hydraulico's double upsetting presses combine proven technology, lower costs per part, fewer machines, and higher output. No other solution offers this level of performance, improving metallurgical structure, reducing downtime, boosting profits, and adapting to changing market demands.

Contact us to discuss how Hydraulico can transform your production with our double upsetting press solutions.

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Hydraulico designs and delivers advanced press technology and complete production lines. All presses are designed and produced to customer specifications.

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