

DEEP DRAWING

Push the boundaries of
deep drawing: achieve
unmatched precision,
efficiency, and durability.



Push the boundaries of deep drawing



Deep drawing is in our DNA—let us ensure your production remains at the highest standard.

For simpler parts, basic machines may suffice. But when you need to tackle advanced shapes or specialized materials, Hydraulicco's proven deep drawing technology delivers superior control, efficiency, and durability—all backed by an extensive track record.

Why choose Hydraulicco's deep drawing technology?

01 Unmatched blankholding control and management

Blankhold control is critical for successful deep drawing. That's why Hydraulicco offers multicylinder rams (or slides), each with independent pressure control (IPC) to precisely manage metal flow at every step. By maintaining proper blankholding force distribution, you can optimize material performance and achieve excellent results. This advanced technique applies to both active punch and cushion presses.

02 Unique perfecting capabilities at your disposal

Hydraulicco's Electronic Shimming System helps you boost profits and enhance product feasibility. By leveraging hydraulically controlled, micro-dynamic, and programmable shimming, it eliminates micro defects, reduces internal stresses, and minimizes excessive thinning. The result is consistently uniform quality and a lower cost per part—even for rectangular or asymmetrical shapes.

03 Significant cost savings and flexibility

Hydraulicco's deep draw stabilizing solutions cut scrap by at least 50% and reduce material costs by up to 15%, significantly boosting production efficiency. You can apply small offsets to the shimming pattern on the fly to achieve 100–200% faster changeovers, maximize uptime, and lower labor costs. These solutions also eliminate defects like wrinkles, buckles, and orange peel, potentially bypassing costly processes such as annealing.

04 More capability leads to more productivity

Once your process is stable and digitally documented, your organization gains full control. At this stage, it's time to boost throughput by integrating advanced solutions such as cut-to-length lines, computerized blank lubrication, and automated blank/part handling with safe, sub-5-minute production-change systems. Hydraulicco's extensive project experience means we can deliver a complete solution with minimal downtime and a seamless upgrade.



Looking for something unique? We thrive on complexity and deliver where others hesitate.

Maximize your profit and gain a partner for life

Drawing on 80 years of engineering expertise and hands-on industry experience, Hydraulicco delivers robust presses renowned for longevity, reliability, and speed. With shorter start-up times and consistent performance, you'll stay competitive while producing first-rate components in every run.

Contact us to learn how Hydraulicco's tailored hydraulic press solutions can transform your deep drawing operations.

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

hydraulico.com