Hydraulico Presses
– Expanding the Boundaries of Technology
The world of Hydraulico
– striving for the tools and technologies you need

• Hydraulico has created presses for more than 4,000 international clients over more than six decades.

• We are leaders in the design and production of advanced hydraulic presses, yet recognize the need for presses that are part of a full production system.

• Hydraulico utilizes the latest technology, robotics, software solutions and computer-based automation, for custom-designed, cost-effective products.

• Our groundbreaking innovations can help reduce your cost, and move to more streamlined and efficient production.

• Explore our range of products in the following pages, and discover how Hydraulico can meet your needs.

Hydraulico – acting globally

Hydraulico technology is at work every day around the globe.
We deliver solutions to satisfied customers almost everywhere, adapting to their expectations and requirements.
High-quality presses for any purpose

Hydraulico’s state-of-the-art presses are unmatched in efficiency. Well-designed, durable and versatile, Hydraulico’s presses range in capacity from 100 to 5,000 tons. We offer custom-made presses for your specific requirements.

Our range of presses includes everything from simple stamping presses to complex multi-acting press systems.
All Hydraulico presses incorporate:

• Rigid straight-side design with 8-point flat gibbing of the ram, allowing progressive jobs with an eccentric load.
• A totally protected tooling area, with windows and a light curtain at front and safety guards at rear.
• Standard design including electronic control with storage for approx. 100 tools.
• Built-in modem for online service.

Hydraulico is proud to have presses as our flagship product.

Visit hydraulico.com for more about our three major press series.
Single-Acting Press Series (SAP)
Our reliable and cost-effective presses are your best choice for:
• Stamping
• Blanking
• Coining
• Bending applications

Double-Acting Press Series (DAP)
All-round presses suited to:
• Forming
• Deep drawing of round and square product, made in mild steel or stainless steel

Triple-Acting Press Series (TAP)
Advanced all-round presses, ideal for:
• Forming
• Deep drawing of complex parts with additional steps in forming
• Reverse drawing
• Multi-forming steps

Group VH A/S • Glamstervej 5 • DK-6710 Esbjerg V • Tel.: (+45) 75 15 30 77
Education Repair Replacement
www.VH.dk
DSV Projects provides the most cost effective logistics solutions for your large-scale transport requirements. We enable you to move all kinds of equipment and abnormal loads, from factory to site. Whatever, whenever, wherever you need it.
Our relationship with Hydraulico goes back more than 25 years. We have engineered and delivered several complete solutions during this period. Both in new projects, but also in upgrades and rebuilds for control systems worldwide, but mainly in the USA and Europe.

We have provided remote support via modems and internet, but also on-site service for control systems. This includes modifications and additions to the software, but also troubleshooting and support in general.

In recent years we have delivered the automation part for 4 very advanced systems for forging railroad rails in England, China, India and Russia. These projects have included a hydraulic press (up to 5000T), induction ovens and a handling station, that moves and rotates the rail in the entire process, from the oven to the delivery station. The rails in these projects can be up to 30 m in length and have a weight of up to 3,5 T. By means of advanced servotechnology, the rails can be handled with millimeter precision in the oven and press.

Meldgaard Electric A/S: www.me-electric.dk – me@me-electric.dk
Lower Unit Cost and Higher Output of Deep Drawn Products

by using Hydraulico’s patented Electronic Shimming™ to produce complex geometric shapes from sheet metal.

Improve productivity, product quality and bring down production costs.

Higher Product Quality

- Eliminate wrinkles and cracks by electronic control of material flow
- Deeper draw possible compared to conventional system
- Less tension in final product and smaller grain size

Lower Unit Cost by Increased Productivity

- Higher production output
- Avoid annealing
- No start up time
- Easy and fast tool changing
- Reduced polishing cost

Cost Efficient

- Payback time: Typically 3-9 months
- Adapt to existing die and presses
- Extended die life and lower maintenance on dies

Electronic Shimming™

Mechanical design and development
Strength and fatigue calculations
FEM Simulation
CFD (Computational Fluid Dynamics)

Machine development
Process technology
Consultancy

Tech Invent A/S | Niels Bohrs Vej 41 | 8660 Skanderborg | Denmark | Tel: +45 70 70 25 50 | mail@tech-invent.dk | www.tech-invent.com
Hydraulico Service: Quick, reliable, and competent

We strive to make our customers happy. You can rest assured that your Hydraulico equipment is monitored, nursed and serviced for years, if needed.

24/7 Service
Wherever you are in the world, our engineers can usually be with you within 24 hours, should you need them. For most situations, however, our helpline and user-friendly website can answer most questions you might have.

Preventive Maintenance
Your insurance against inconvenient breakdowns – not just for our products, but for all brands.

With Hydraulico’s Preventive Maintenance Contract, we offer a way of avoiding unwanted production stops and/or severe damage to your press, likely extending your press’ life by several years.

Hydraulico has a policy of manufacturing our own parts, ensuring that critical components are always available to you, in their original form and customized for each individual client.

Legalization of hydraulic presses
Whatever brand or production year, Hydraulico offers you the possibility to bring your press into compliance with local regulations.

24/7 Service phone
+45 22498236

Cylinder manufacture and repair
Cylinder repair and refurbishment is often a reasonable alternative to a complete system change, and Hydraulico technicians have many years of experience in these repairs. We also offer tailored manufacturing, meeting the needs of the clients on a personalized basis.

Cylinder sizes: 500-50,000 kN (50-5,000 Tons)
Complete press upgrade – in just 3 weeks, on site!

Hydraulico offers complete or partial press upgrades, within just three weeks, on virtually any kind of hydraulic press. With a Hydraulico upgrade, you will enjoy brand new hydraulic piping, including tank, pumps, and cooling/filter system – and a totally new electrical system, including sophisticated electronic systems and new Hydraulico control panel.

A complete Hydraulico upgrade of your press yields astonishing results:

- Higher production capacity
- Substantially reduced scrap rates
- Drastically improved uptime
- Only 50% time for die change
- Lower power consumption
- Reduced noise levels
- A safer working environment
- New, useful features added to press functionality

Together we can...
meet the challenges of a world in movement

When you partner with the global leader in Motion & Control
technologies expect to move your business and the world forward.
DS SM a/s is a well-established company active in the field of manufacturing, erection and maintenance - serving the energy sector, the processing industries as well as building construction industries.

DS SM a/s is an independent, purely Danish-owned, order-producing company running a high capacity and efficient up-to-date production plant.

The total production is executed according to the quality assurance system based on DS/EN ISO 9001:2008.

The DS SM production programme includes heavy steel structures for onshore and offshore, heat exchangers, bulk handling plants, towers for wind turbines, maintenance and repair of power plants and processing industry plants etc.

The maintenance and repairs department has from both engineering as well as the workshop a backup, which can be called in with specialist expertise as required. Clients of DS SM have the opportunity to enter a service agreement that provides great economic and planning advantages through preventive and continuous maintenance. Please see www.ds-sm.dk