

STENHØJ HYDRAULIK



RELIABILITY INTO THE FUTURE ...



Engineering - also below the surface

A product from Stenhøj Hydraulik does usually take up more space physically. Anyway, the most part of it is hidden below the surface. Development hours, documentation and requirement specifications are not immediately apparent, but they are basically the foundation of the functionality of the machine. Therefore, it is engineering at the highest level and not two products are alike.

The structure of the machine is done in close cooperation with the customer and Stenhøj, which is based upon the customer requirements for the items, which the machine will produce. Throughout the whole process there is a close contact between the customer's project manager and the project manager at Stenhøj.

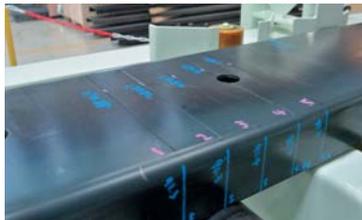
Close dialogue, frequently follow-ups and dedicated professionals keep the project on the right track. Through the whole process, we work with tests and periodic approvals, which ensure that the project will finish well.

The result is a reliable and tested product that meets the requirements of the customer - not only from the first day but also far into the future.

Flexibility



Progressiveness



Effectiveness





Welcome to the world of STENHØJ HYDRAULIK

Since the foundation in 1917 Stenhøj Hydraulik has manufactured and marketed advanced and innovative products for the automotive industry. Each year offers a new set of challenges, and we thrive on them.

At STENHØJ HYDRAULIK A/S we are specialized in the manufacture of:

- Hydraulic presses
- Hydraulic bending equipment
- Electro-mechanical broaching machines

Our longstanding experience enables us to continuously develop improved and custom engineered machines.

Our Mission is based on our ambition to optimize Stenhøj Hydraulik's position in the global market.

We will fulfill our customers' needs for processing machines. We will provide market adapted solutions supplying added value through competent counseling and excellent service.

Our Vision is to have continuous influence on market developments. We will continue to improve our customers' experience of the value of every single order and of the business relationship in general. Through enterprising, creative and proactive conduct of business, Stenhøj Hydraulik will be the preferred partner in the targeted market and product areas.

Our concept is based on expert knowledge; we have something to be proud of - competent and committed employees dedicated to finding solutions to the needs of our customers.

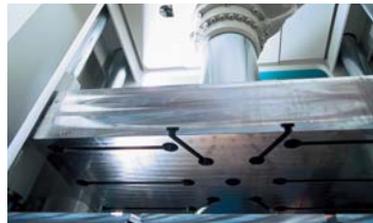
Positivity



Reliability



Strength of will



Standard Workshop Presses

Standard workshop press for professional use



FLEXI PRESSES 25 TO 200 TON

Frame: Provides flexible work height

Heavy built for high stiffness and weight ensures safe and stable working conditions.

- Adjustable daylight 300 – 900 mm
- 2 pcs. strongly straightening V-blocks as standard

Cylinder:

Horizontal movable, double-acting 400 mm stroke, stop in all positions, supported by long stable guiding, with great stiffness and flexibility.

Motor pump unit:

Optimized for each press size, with singlehanded valve control for variable speed 0-10mm/s.



Production Presses

Custom made heavy duty Hydraulic presses



PRESSES 25 TO 1000 TON

Stenhøj's custom made presses are built according to our modular system in a powerful and strong-welded construction that guarantees the lowest possible deflection to achieve stable and accurate pressing, thus long living time and a minimal tool wear.

Based on our standard presses, hydraulic systems, electric control and cylinder, we offer:

- customized, framed, bed- and ram plates.
- Press speeds in variable versions
- cylinder with high precision accuracy
- 5 different types of guiding systems.

Stenhøj's experience is that our customers always get a satisfied press solution.



Stenhøj Bending Line

Equipment for bending offsets in heavy truck chassis beams



As the leading manufacturer in this unique process we are proud that today our equipment is being used, directly or indirectly, by well-known international truck manufacturers or their sub suppliers World Wide. Our equipment represents a different and innovative way of viewing the manufacturing process and production flow of truck chassis beams with offset.

Traditionally, the bending of chassis beams has been done during the pressing process. Hereby, uncontrollable springback with deviations in parallelism, undesirable deformations like folds and angle deviations are well known problems.

Stenhøj's offsetting equipment is built to eliminate such problems and the machine is working fully automated, based on PLC/PC technology.



Stenhøj Broaching Machines

High Quality – High Performance



COMPLETE COMPREHENSIVE PROGRAM

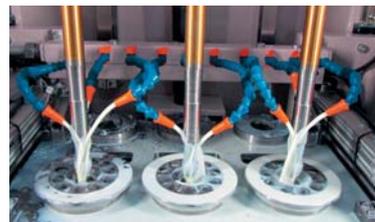
The Program of STENHØJ is built on a stable and robust construction, and is equipped with components from World Wide known suppliers. From a standardized module design, each machine is customized and guarantees our customers 100% satisfaction.

- Broaching force 80 to 400 kN
- Tool length 650 to 3000 mm
- Speed 2-24 m/min

Special version for:

- **Hard Broaching** 60 m/min
- **Dry Broaching** 30 m/min

With the greatest confidence of our customers, we have made many Repeat businesses with our customers in the international business of suppliers to the automotive industry.



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