PRESSING
BROACHING
BENDING

ENGINEERING EXCELLENCE FOR
THE AUTOMOTIVE AND MANUFACTURING INDUSTRY

STENHØJ
HYDRAULIK

ABOUT
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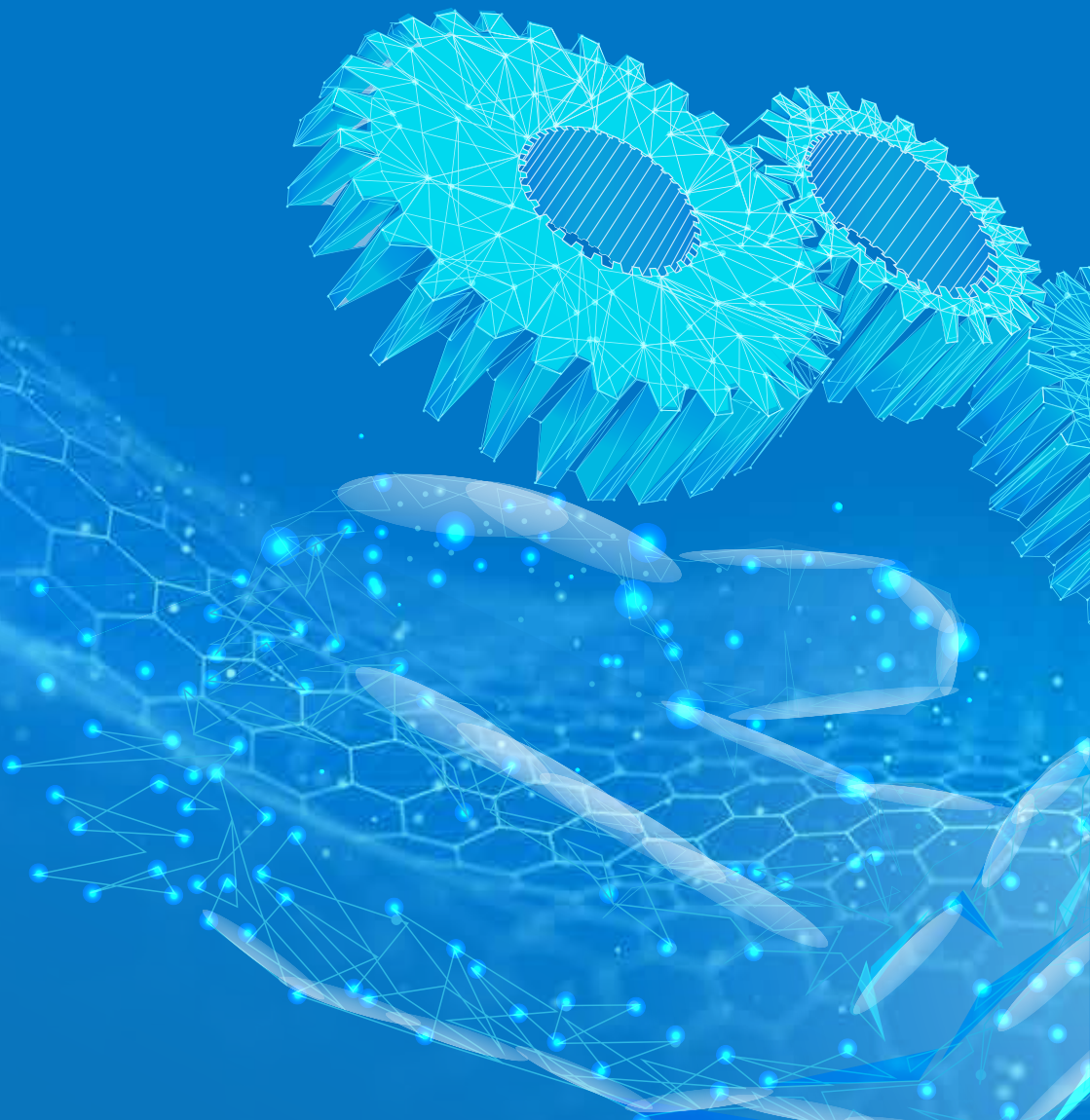


STENHØJ HYDRAULIK

ENGINEERING EXCELLENCE FOR THE AUTOMOTIVE AND MANUFACTURING INDUSTRY

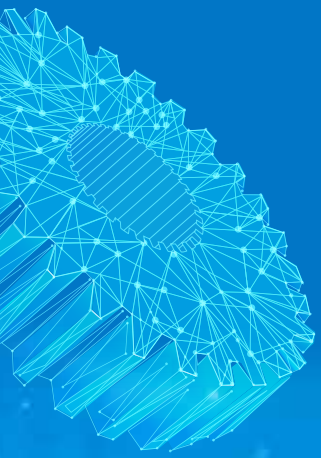
Since 1917, STENHØJ HYDRAULIK has manufactured and marketed advanced and innovative products for the automotive and manufacturing industry. For the past century we have been a preferred partner for thousands of recognized brands worldwide, designing and manufacturing state-of-the-art metal forming machinery.

At STENHØJ HYDRAULIK A/S, we specialise in design and production of:

- Hydraulic Presses
- SERVO-Hydraulic Presses
- Electromechanical Broaching Machines
- Hydraulic Truck Chassis Beam bending machines

We are a technology driven company. We strive to be at the forefront of the market with creative technical solutions to complex challenges.

Our business is based on expert knowledge. We have something we are proud of – competent and dedicated employees – dedicated to solving our customers' needs.



WORKSHOP PRESS

STANDARD WORKSHOP PRESS FOR PROFESSIONAL USE

WORKSHOP PRESSES H-TYPE AND C-TYPE

- H-type Workshop presses from 25 to 200 ton
- C-type Workshop presses from 20 to 200 ton
- Adjustable daylight 300 – 900 mm in H-type
- 400 mm piston stroke and stop in all positions
- Single-hand operation
- Variable pressing force and speed
- Manometer display

Wide program of options. You can configurate your own Workshop press on our website www.stenhyd.com

PRODUCTION PRESS

CUSTOMIZED HEAVY DUTY HYDRAULIC PRESSES

PRODUCTION PRESSES FROM 25 UP TO 2000 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. All designs are defined with (FEA) Finite Element Analysis software.

- H-type from 25 to 2000 ton
- C-type from 25 to 300 ton
- SERVO-Hydraulic H-type from 100 to 2000 ton
  - Up to 70% energy saving
  - High speed – 500 mm/sec
  - Low noise level

We supply fully automation production press lines with ex. coil systems, robots, and pick & place solutions

CHASSIS BEAM BENDING LINE

EQUIPMENT FOR BENDING OFFSETS IN HEAVY TRUCK CHASSIS BEAMS

FULLY AUTOMATED UNIQUE BEAM BENDING PROCESS

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 worldwide.

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

The STENHØJ offsetting equipment is designed to eliminate such problems and the machine is working fully automated based on PLC/PC technology. The STENHØJ Chassis Beam Bending Line represents a different and innovative way of handling the manufacturing process and production flow of truck chassis beams with offset.

BROACHING MACHINE

HIGH PERFORMANCE CUSTOMISED SOLUTIONS

COMPREHENSIVE BROACHING PROGRAM

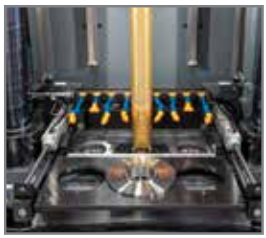
The Broaching machines are built on a strong stable construction and is equipped with components from worldwide high-level suppliers. From a standardized modular design, each machine is customized to give you the optimal solution for your production. All designs are defined with (FEA) Finite Element Analysis software.

STENHØJ broaching machines are equipped with electromechanical SERVO drive and are technologically leading in broaching, and are very stable, accurate and durable.

The SERVO drives offers 100% control of positioning – different speeds – less energy consumption – no heating time – and low maintenance cost with fewer components.

- Soft Broaching Machines
  - Speed up to 30 m/min.
- Hard Broaching Machines
  - Speed up to 60 m/min.
- Dry Broaching Machines
  - Speed up to 30 m/min.
- Broaching force from 80 to 600 kN
- Tool length from 800 to 3500 mm

We supply semi or fully automatic broaching lines including part handling and buffer systems.



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