

DON'T LOOSE YOUR HEAD. HAVE IT OVERHAULED!



**With the ECOS[®] - cylinder-head overhaul
for all common gas and diesel engines.**



With the ECOS[®] overhaul of cylinder-heads we offer you a very reasonable and economic service with regard to the mechanical reconditioning of different brands.

A qualified team of our service-specialists ensures that your cylinder-heads and individual components are precisely reconditioned in a smooth and timely fashion – from the dismantling on site, through the overhauling and reinstallation, right up to the restarting operation according to DIN EN ISO 9001 : 2000.

See the overleaf for the scope of services included in our **ECOS[®] - cylinder-head service package.**

See for yourself what we have to offer!

We are on the move



ECOS® - cylinder-head service package

Overview of our services:

ECOS® - cylinder-head overhaul:

1 Disassembly of the cylinder head

- Thorough cleaning of all components at STORM we use only environment-friendly cleaning materials

2 Evaluation of the cylinder head

- The cast piece of the head is checked for corrosion, cavitations and tear (metal check) according to DIN EN ISO 9001 : 2000
- Precise re-work of the threaded bores
- Pressure test on the water side

3 Component evaluation according to DIN EN ISO 9001 : 2000

- All components are checked for wear, tear and break and measured
- All measurements are recorded in a protocol

4 Intake- and exhaust valve

- The valve guide, valve and valve seat of the outlet side are replaced by certified new spare parts
- The inlet side is thoroughly tested and precisely reconditioned

5 Valve sets and rotocaps

- Progression and preloading force of the valve springs are tested in accordance with manufacturer specifications
- Examination of valve spring keys and spring plates
- All rotocaps are replaced

6 Intake- and exhaust manifold

- To optimise performance, the intake- and exhaust manifold are specially reconditioned

7 Assembly of the cylinder head

- Painting and final check
- Stamping with the STORM DIN EN ISO 9001 : 2000 seal
- Packaging in recyclable material

Optional: ECOS® - replacement head:

- You are receiving an ECOS® - replacement head in exchange for a reconditioned ECOS® - cylinder-head
- Reconditioned and tested according to DIN EN ISO 9001 : 2000
- You are thus ensuring brief down-time periods and rapid availability of your plant!

