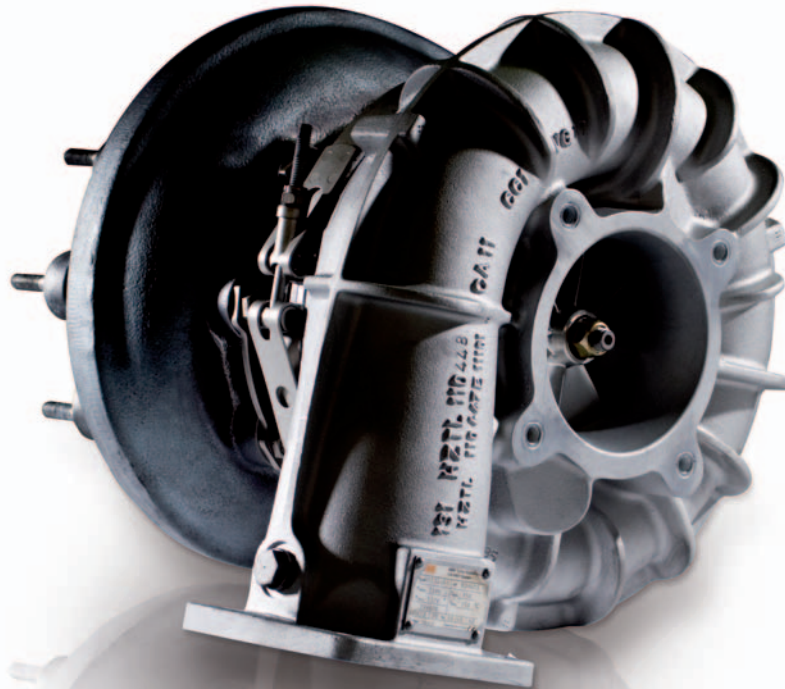


BENT ON EXHAUST – YOUR POWER BOOSTER!



ECOS[®] Exchange Turbocharger*



We extend our exchange programme and now offer our new **ECOS[®]** Exchange Turbochargers. With these components we also ensure short engine downtimes and therefore minimized breakdown costs – as you already have experienced!

Independent from the brand our **ECOS[®]** Exchange Turbochargers allow most reliable operation of your engine. This is essential for an economic operation – especially for **operators of biogas plants.**

**Also available:
ECOS[®] Exchange Intercooler!**

Your customer advisor will be pleased to inform you of all details.

We are on the move



The ECOS[®] Exchange Turbocharger* Overview of our services:

① Services

- Disassembling and cleaning of the turbocharger
- Control of axial and radial clearances
- Evaluation of all bearings
- Checking of shaft and bearing surfaces on damages
- Checking of turbine rotor and compressor impeller on damages
- Evaluation of piston rings and clearance grooves
- Checking of bearing housing on damages
- Checking of turbine and compressor housings on cracks and erosion/corrosion
- Dynamic balancing of the rotor

② Alternative services

- Preparation of a measurement report
- Replacement of bearings, bushings and sealings
- Reassembly of the turbocharger

③ Optional services on site

- Remounting of the turbocharger and leakage test
- **Start-up of the engine**
 - Engine test run on site in three load levels
 - Documented verification of the exhaust data

④ Other services

- **Commissioning**
 - Final debriefing
 - Acceptance protocol (start-up report by our supervisor)
- Major **ECOS[®]** Engine Overhaul
- Minor **ECOS[®]** Engine Overhaul
- **ECOS[®]** Cylinder Head Overhaul
- **ECOS[®]** Exchange Engine
- **ECOS[®]** Short Block
- **ECOS[®]** Exchange Intercooler

* Condition is the return of an used part that can be refurbished

