



## Engine efficiency and optimization



As technical development company we are focused on one- and two cylinder engines. Long time experience in development, testing and engineering are our know-how in the optimization of power, engine torque and fuel consumption.

Technology as system in:

- concept
- analysing
- validation
- on site

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Maximum performance with optimum fuel consumption, these criteria will pass no modern engine manufacturer. Also, emission limits, legal requirements for low particulate and CO<sub>2</sub> emissions bring technical conflicts.

Otherwise, the standards on cost, time and quality with the existing possibilities are quickly solved.

The targets of **reytex** are strategic, flexible solutions, using modern development methods on site.

Given the conception of **reytex** engines and prototypes in terms of flow and valve train dynamics, acoustics, and the friction power were optimized.

Restructuring and new developments comprehensive accompanying measures are in addition during the construction phase, to set so that the

defined goals are achieved.

According to our principle: strategically, analysing and validating on site, we develop engineering projects for high performance engines for your market.



#### **reytex solutions**

- concept
- design
- analysis of the engine moving parts (FMEA)
- dynamic flow bench
- dynamic valve train
- valve train acoustic
- friction measurements
- workshops
- solutions- and strategic development
  
- in our Chinese validation center, or on site
  
- references on Chinese engine projects: full design and improve projects