

*More than 60-year history in gears production*



*AVC Raková, a.s.*





## About company and its history

AVC Raková, a.s. company is a leading Slovak manufacturer of gears, geared shafts, assembly units and components for automotive industry, construction and agricultural machines. The mission of the company is to satisfy requests of customers, employees and shareholders respecting environmental requests.

The production of water pumps in 1944 was the beginning of engineering production in Kysuce area. From 1954 to 1992 the company worked as a subsidiary of TATRA company, the well known producer of trucks. After privatisation in 1992 the company became a private joint stock company. Current name of the company is AVC Raková, a.s., and it is the continuator of the history of production in Kysuce area.

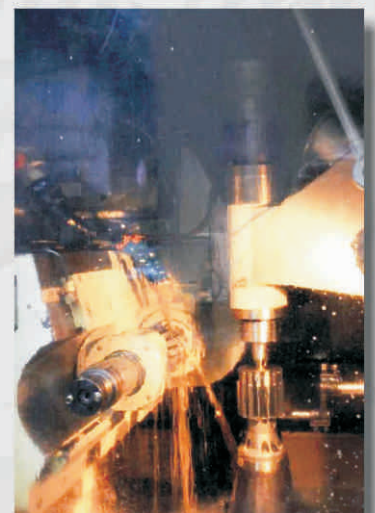
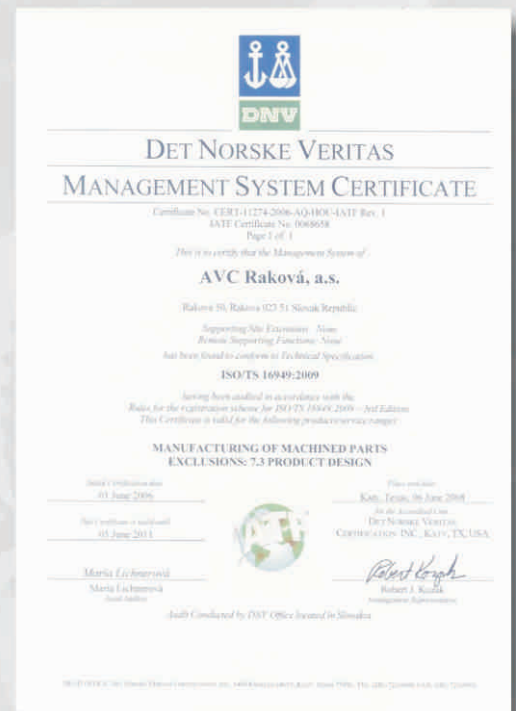
## Quality and Technology

The company works with the knowledge that the high quality of products and services is the basic condition for the stability of the company and the customer's standpoint is the decisive factor for the quality assurance. The company is certified according to ISO/TS 16949 and ISO 9001.

Main technologies consist of: turning, hobbing, broaching, slotting, shaving, gear grinding, machining centres and special production lines for shafts. The company has its own tooling room.

Special technologies: Hardening of teeth face and heel by shot peening, hard turning, deep drilling, induction hardening placed on production lines.

The company uses the following measuring equipments: HÖFLER, OPTON, FMS 4210, HOMMELWERKE TESTER T 8000, PROFILOMER - CONTUROSOP C 4 P, DEA, DURAMIN A 300, equipments for metallurgy.





## Gears

Production of planetary gears, sun gears, gears with straight and helical teeth, ring gears, gears with internal and external grooves for construction, agricultural machines, trucks and heavy vehicles, engines and gearboxes. Usually module  $m \leq 8$ , finishing by grinding or shaving. Slotting of external gearing, broaching of internal splines.



## Gear shafts

Production of driving, driven and splined shafts for construction, agricultural machines, trucks and heavy vehicles and gearboxes. Usually module  $m \leq 8$ , finishing by grinding or shaving. Possibility of rolling, slotting of external gearing. Possibility of deep drilling.

## Shafts for automotive industry

Production of gear shafts for passenger car starters on automated production lines in annual quantities of millions.

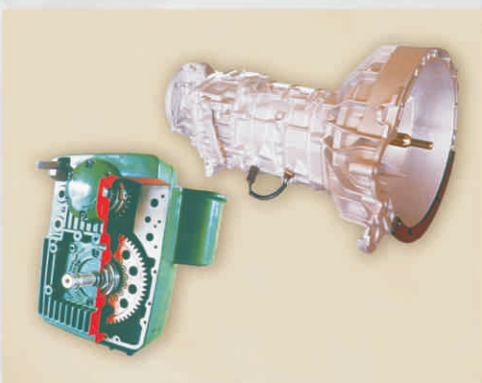


## Assembly units for trucks and heavy vehicles

Production of differentials, clutches, steerings, additional drives, fans for engines, ball joints.

## Machining of castings, cross spiders

The company offers machining of iron and aluminium castings on CNC machining centres and production of cross spiders for trucks and other industries.



## Gearboxes for passenger cars and PTO for tractors

The gearboxes were produced under PEUGEOT and CITROËN licence. Production of the gearboxes finished in 2005. AVC Rakova company uses know-how from several-year production of the gearboxes for production of current products to automotive industry. PTO gearboxes were developed in cooperation with JOHN DEERE. Production finished in 2005.





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