

Swissauto WENKO AG:

Company profile

- Swissauto Wenko AG was founded in 1987 by Urs Wenger and Beat Kohler
- The company is 100% owned by the shareholders
U. Wenger, B. Kohler, HR. Jenni and HP. Götti
- The staff has continuously increased to over 20 employees, in addition to many subcontractors for machining and manufacturing
- Swissauto runs the company at two locations; at the site in Burgdorf, engine design and development is the main focus, at the site in Mellingen, engine testing, supercharger testing and system optimization for the car manufacturing industry are the major activities.



Activities

- Design, prototyping and manufacturing of internal combustion engines
- Development of new engine- and drive train concepts
- Design, prototyping and optimizing of charging devices
- Manufacturing of small series of engines and components
- Endurance tests of engines and drive train components
- Concept validations and series components verifications

Main projects and Milestones

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| 1989 | Optimizing of the Judd V8 engine for the Formula 1 Team Brabham with a podium finish at the Monaco Grand prix |
| 1992 | Engine development and Prototype manufacturing for the Swatch hybrid concept cars (Smart pre project) |
| 1995 | Development of the new compact and lightweight V4 2-stroke 500 cc engine for World Motorcycle Grandprix; 29 GP wins, 41 Poles and 3 World champion titles were the remarkable results with this engine. |
| 1996 | Completion of the low fuel consumption concept SAVE with the Smile car which was measured as the first "3-Liter" gasoline car |
| 1997 | Idée Swiss Award for the Smile car concept and its technology |
| 1998 | Realisation of the MPE 750 engine Project and implementation of the engine into several applications with different engine layouts |
| 1999 | Development of a complete new racing bike for the Motorcycle World Championship; first pole position in the 5th race in Barcelona, second pole position in Brno and several top ten rankings paid off the tremendous effort during the race season, competing with the Japanese OEMs. |
| 2000 | Development of the SA250 4 Stroke GoKart engine, manufacturing of the first small series |
| 2000 | OECD Award for best practice of sustainable technology for transport |
| 2002 | Realisation of the SAVE concept with Hyprex™supercharger in a series midsize class car. |