

POWERTRAIN INTEGRATION

AGRICULTURAL,
CONSTRUCTION AND
SPECIAL MACHINERY



**YOUR GLOBAL MOBILITY
ENGINEERING EXPERTS**

The **Aggregate Integration** team, one of the EDAG Group's specialist departments, covers the complete development spectrum for the integration of conventional combustion engines. After projects in the automotive industry, the focus is also on the industries for **agricultural, construction and special machinery**.

In addition to the **structural development** of components and systems using CAD, including **CAE, quality and tolerance management**, EDAG's range also covers **electrics/electronics, testing and vehicle construction**.

Here, we handle the **in-house production** of individual **prototype parts**, physical **mock-ups** to validate installation space and assembly, and also **ready-to-drive test vehicles**. Our **Complete Vehicle Validation** team equips the latter with the necessary measuring technology, and, under a wide range of different conditions, subjects them to extensive tests to monitor the functional safety of the entire system. In addition to design, prototyping and testing, EDAG is also responsible for parts **list management** in customer systems up to **series release**, for the management of series suppliers, assisting purchasing with the nomination of suppliers, quality assurance during the initial sample inspection, and on-site production.

With our high **flexibility** and **development quality**, we offer the customer a **complete package from a single source** - from the first draft to start of production.

Contact to our experts:

E-Mail: powertrain@edag.com

Our services at a glance

Engineering and design

- Project management
- System and function development
- CAD design
- CAE calculation
- Parts lists and tolerance management
- Electrics/electronics
- Quality management

Testing and vehicle construction

- Component manufacture
- Physical mock-ups
- Ready-to-drive test vehicles

System optimisation

- Performance and structure
- NVH and thermal engineering

Vehicle testing & system integration

- Benchmark und performance
- Application and fatigue resistance

Infrastructure

- Workshops and measuring technology
- Measuring equipment for component measurement

