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ESC is a consulting firm who can help you to carry out your products starting from designing them up to design your manufacturing plant providing the required special equipments.

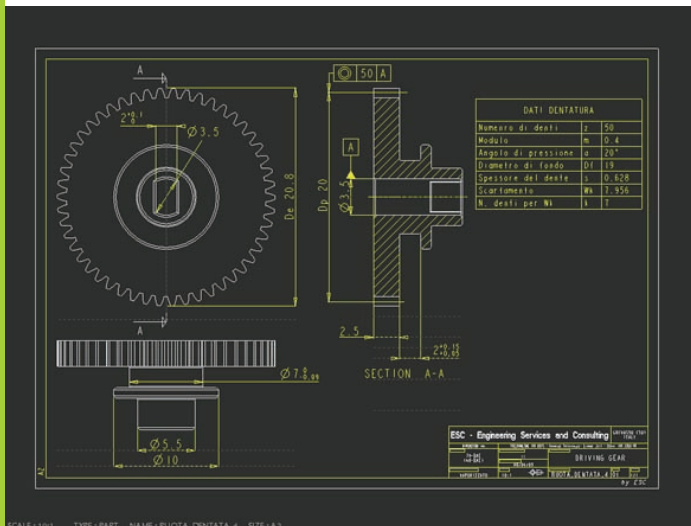
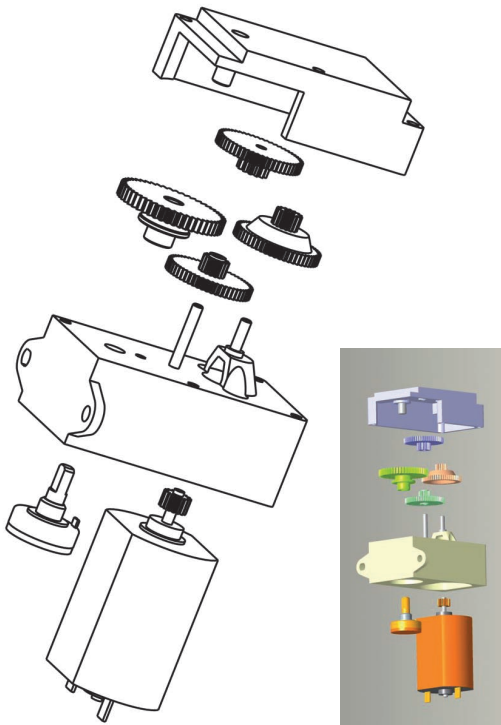
ESC provides management and operational consulting to cover the following areas:

- Research & development
- Design
- Industrial design
- Engineering
- Quality

ESC provides products, equipment, instruments and equipment for measurement, control and testing

ESC operates in the following fields

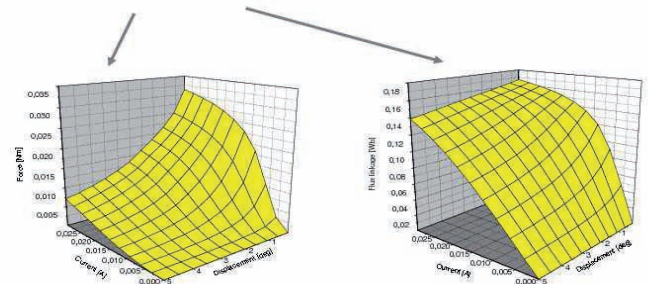
- Electronics
- Electrical
- Mechanical
- Electromechanical
- Electromagnetic
- Mechatronics
- Software - Firmware



Dynamic modelling

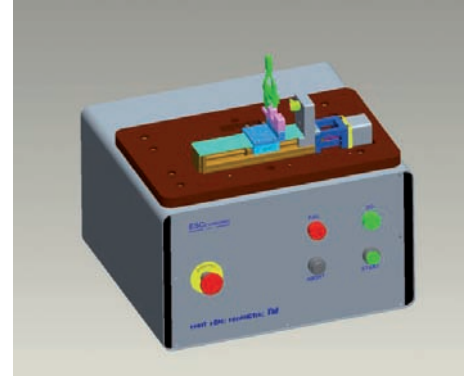
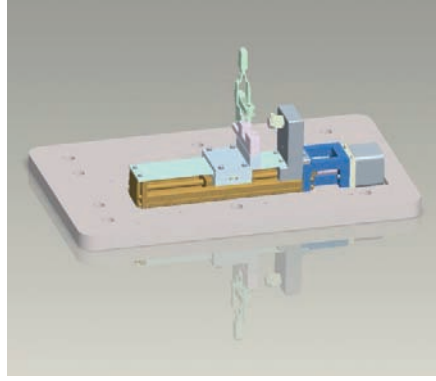
A batch procedure allows the evaluation of two grids:

→ Force or Torque and Flux versus current and moving part position





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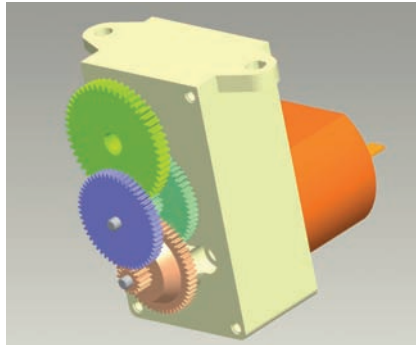
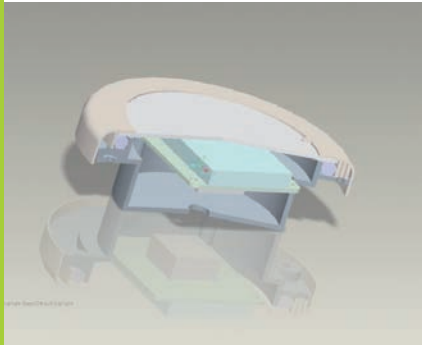
Engineering

ESC develops industrial products (R&D and design) and performs advanced technological research, developing and testing the technologies and evaluating the technology impact on the products.

ESC has an innovative approach to design using modern techniques (Concurrent Engineering, Value Engineering , TRIZ) for developing the best solution and possible alternative solutions.

ESC designs and develops complex products where are integrated different areas of expertise such as mechanics, electronics and firmware, to name a few, starting from customer needs up to mass production, covering all the skills required in the process.

ESC uses the latest methodologies like DFMA (Design for Manufacturing and Assembly) , DTC (Design To Cost) and Robust Design - Taguchi to ensure the best result and it implements projects using the most advanced tools for CAD (ProEngineer, Catia), for simulation and for data analysis (Minitab)



Services

ESC provides services for purchase and sale of parts, components , and products

Consulting

ESC provides consulting for:

- production and logistic
- supply chain for parts and materials
- training of engineers and operational staff
- computer support for process management
- development of quality management systems

