

Represented by PackSys Global



Engineering Design Services

Offering engineering design services to machine and industrial product manufacturers

PackSys Global Engineering Services offers high quality engineering design, technical documentation, digital, global sourcing and supply chain services. We provide services to machine manufacturers across the globe for over a decade. Our team of experts use state-of-the-art, best-in-class working tools and data formats to deliver unique solutions.

Over the years, machine manufacturers have been facing the challenges to reduce the time to market and improve the machine efficiency. Further, high quality detailed drawings and design data library standardization are essential for ease in manufacturing, assembly, repeatability, and after sales support.

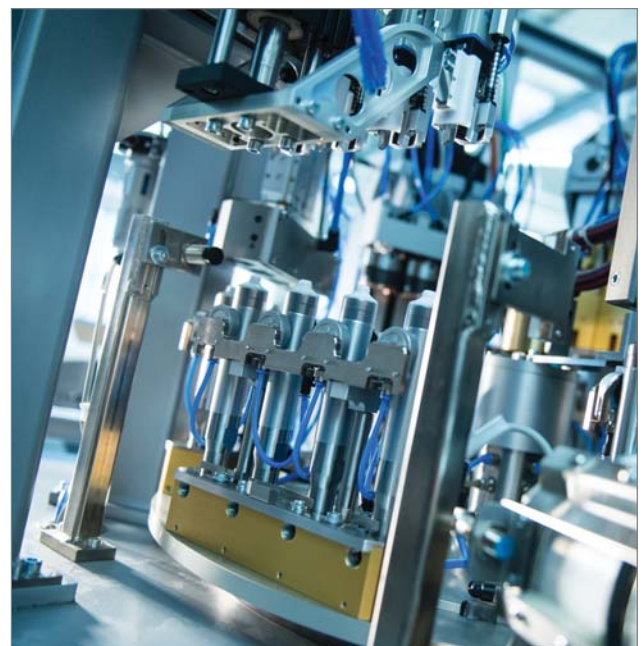
We have partnered with machine manufacturers globally for over a decade and have helped them in overcoming these challenges effectively. We provide comprehensive design services right from new product development to design support throughout the life cycle of the product. This includes mechanical, electrical, electronics, automation, PLM data maintenance, design optimization, reverse engineering, legacy data conversion, warranty management and so on.

We operate in compliance with the European machine directive and other relevant standards. Our state-of-the-art infrastructure, CAD tools, technology and stringent quality assurance processes helps us to deliver engineering services at an outstanding performance to cost ratio. Our team of experts can act as an extended workbench for your engineering team or handle your development projects on a turnkey basis.

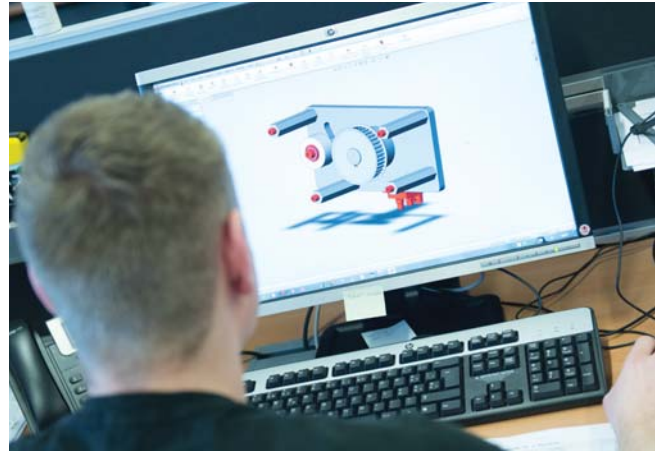
As experts in engineering design, our focus is on delivering effective design solutions to meet customer requirements.

Your Benefits

- Vast experience with global companies
- Highly skilled engineers with 15+years of domain experience
- Well-versed with standards and design tools
- Best practices across domains and products
- Stringent quality assurance processes
- No time shift, no intercultural learning curve



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Mechanical engineering:

Our experience in every aspect of product design and engineering across multiple domains enable us to support you in design from concept to product launch. We can support you in any stage of your development process or you can trust on us for end to end project execution.

Our range of services include:

- Product bench marking
- Product feasibility study
- Conceptual design
- 3D modelling - components & assemblies
- Simulation (FEA/CFD/Thermal)
- Styling, rendering
- Detailed engineering design
- Prototyping
- Product performance testing & validation
- Onsite engineering support

Electrical and electronics:

We can be your preferred partner for all your electrical, electronics and automation needs. Our team of experienced engineers can work together with your engineering team to analyze your design requirements and come out with optimized solutions.

Our range of services include:

- Electrical schematics
- Wire harness / wiring diagram
- Cable routing & optimization
- Panel design
- PLC & HMI programming

Product lifecycle support:

Reduction of inventory and shortening of lead time are on the agenda of every machine and product manufacturer. This can be materialized by standardization, limiting the variety of parts and re-use from libraries. We offer you smart solutions for creation and maintenance of your libraries.

Machinery manufacturers are forced to manage a large volume of legacy data for legal and marketing reasons. It is a time consuming and expensive assignment to convert this data into current standards, enabling the manufacturer to benefit from the efficiency of the latest generation of CAD/CAM tools. We are your partner for lean solutions in the area of native data creation.

Our design optimization expertise helps you to reduce the cost and improve efficiency during the production and upgradation stages of the product.

Our range of services include:

- Legacy conversion (2D/3D/native data creation)
- PDM & PLM data migration & management
- ECO/ECN management
- Reverse engineering
- Retrofit assembly
- Design optimization
- Warranty management

We also offer: Technical documentation, digital, and supply chain services. Find out more on our website.