OVERVIEW

CREO DESIGN PACKAGES

You deserve more in your 3d Cad packages and Creo delivers. Welcome to the new industry standard, with more capabilities in every seat, out of the box.

With Creo Design Packages, you'll be able to stay ahead of the competition by building more innovative products faster and at less cost. Design the products of the future, today with Creo Design Packages.

creo®

ARSANDIS

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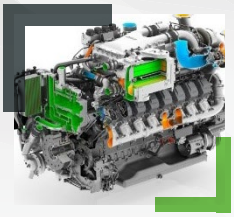
CREO DESIGN PACKAGES

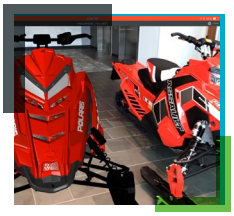
	Design Essentials	Design Advanced	Design Advanced Plus	Design Premium	Design Premium Plus
Industry Standard 3D CAD Capabilities	✓	✓	✓	✓	✓
Augmented Reality Design Visualization	✓	✓	✓	✓	✓
Top Down Design & Concurrent Engineering		✓	✓	✓	✓
Prismatic & Multi-surface Milling		✓	✓	✓	✓
Advanced Surfacing & Additive Manufacturing			✓	✓	✓
GD&T & Tolerance Analysis			✓	✓	✓
Mold Design & Mold Machining			✓	✓	✓
Extended Collaboration & Mathcad				✓	✓
Simulation, Basic CFD & Fatigue Advisor				✓	✓
Production Machining				✓	✓
Advanced Simulation & CFD					✓
Options Modeler & Topology Optimization					✓
Metal Printing & Complete Machining					✓



Industry Standard 3D CAD Capabilities

- For more than 30 years, thousands of companies have relied on Creo's robust set of 3D CAD capabilities.

- 3D Part & Assembly Design
- Automatic 2D Drawing Creation
- Parametric & Freestyle Surfacing
- Assembly Management & Performance
- Sheet Metal Design
- Mechanism Design
- Plastic Part Design
- Direct Modeling (Flexible Modeling)
- Additive Manufacturing
- Augmented Reality

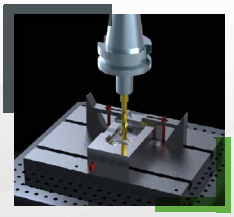


Augmented Reality Design Visualization

- In every seat. With a few clicks, you can author and publish an AR experience from inside your Creo model.

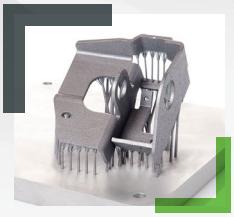
Top Down Design & Concurrent Engineering

- Plan out the assembly's skeleton so your team can work in parallel. When primary design intent changes, the assemblies adapt.



Prismatic & Multi-surface Milling

- Go smoothly from product design to manufacturing with this specialist for prismatic production machining.

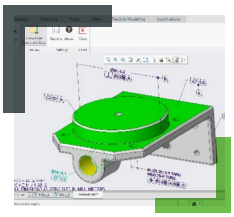


Additive Manufacturing

- Go from concept to print check all in Creo and give your design production-ready surfaces.

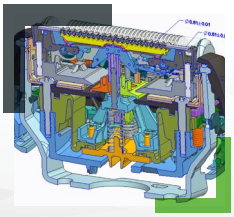
Advanced Surfacing

- Combine the power of parametric modeling and flexibility of freeform surfacing.



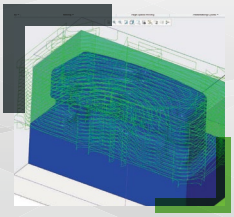
Geometric Dimensioning & Tolerancing

- Expert guidance on the appliction of GD&T and validation that you've applied GD&T correctly.



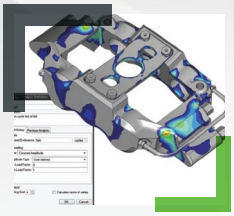
Tolerance Analysis

- Analyze and document geometric tolerances directly on 3D CAD models.



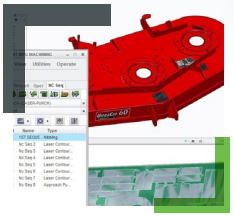
Mold Design & Mold Machining

- Improve the efficiency and productivity of your mold design and tooling, and benefit from high-speed machining tool paths.



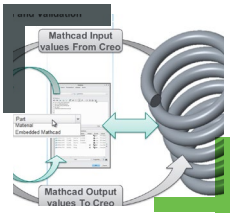
Simulation, Basic Computational Fluid Dynamics, & Fatigue Advisor

- Designed specifically for the engineer, these tools allow you to make simulation part of your own design process.



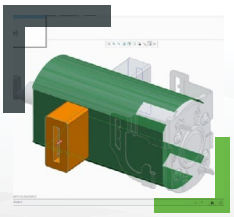
Production Machining

- Robust NC programming capabilities spanning the functions of milling, turning, and wire EDM.



PTC Mathcad

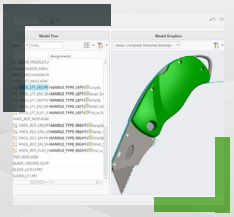
- Now you can present calculations with plots, graphs, texts and images in a single easy-to-understand document.



Extended Collaboration

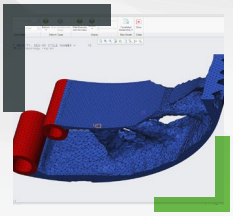
Seamlessly integrate and work with data from SolidWorks and Autodesk Inventor, CATIA V4/V5, Siemens NX:

- Open, Update and Save As native SolidWorks, CATIA V4/V5, Siemens NX files
- Automatically detect and update SolidWorks, Autodesk Inventor, CATIA V4/V5, and Siemens NX data
- Open and update native Autodesk Inventor files



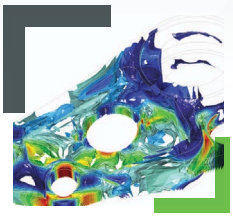
Options Modeler

- Create and validate 3D modular products.



Topology Optimization

- Create optimized parametric geometry by defining objectives and constraints and then driving your model toward specified requirements.

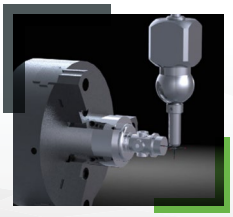


Advanced Simulation & CFD

- Simulation and analysis at your fingertips. Find and fix issues with liquid or gas flow around your products – before you invest in prototypes.

Metal Printing

- Creo has you covered for the major metal printers on the market today.



Complete Machining

- Creo Production Machining gives you multi-axis machining, plus full NC programming and extensive tool libraries.

BENEFITS OF SUBSCRIPTION

(Included in every Creo Design Package):

STANDARD ELEARNING LIBRARY:
Stop searching for answers. Over 140 hours of training are now at your fingertips.

EXTENDED LICENSE BORROWING:
Working remotely just got easier. Borrow floating licenses for up to 180 days - 150 days more than perpetual.

HOME USE LICENSE:
Leave the laptop at work. Every package now includes a home use license of the Creo Design package.

PERFORMANCE ADVISOR:
The Creo Performance Advisor provides a dashboard for your entire Creo installation, allowing you to understand and optimize the performance of your entire Creo environment.

>>> THE CREO ADVANTAGE

Creo is a 3D CAD solution that helps you build better products faster by accelerating product innovation, reusing the very best of your designs and replacing assumptions with facts. Go from the earliest phases of product design to a smart, connected product with Creo. Add augmented reality to allow everyone to visualize your design. In the fast-changing world of the Industrial IoT, no other company can get you to the substantial value as quickly and effectively as PTC.

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