Data Sheet
GearTrax

Camnetics
I N C O R P O R A T E D
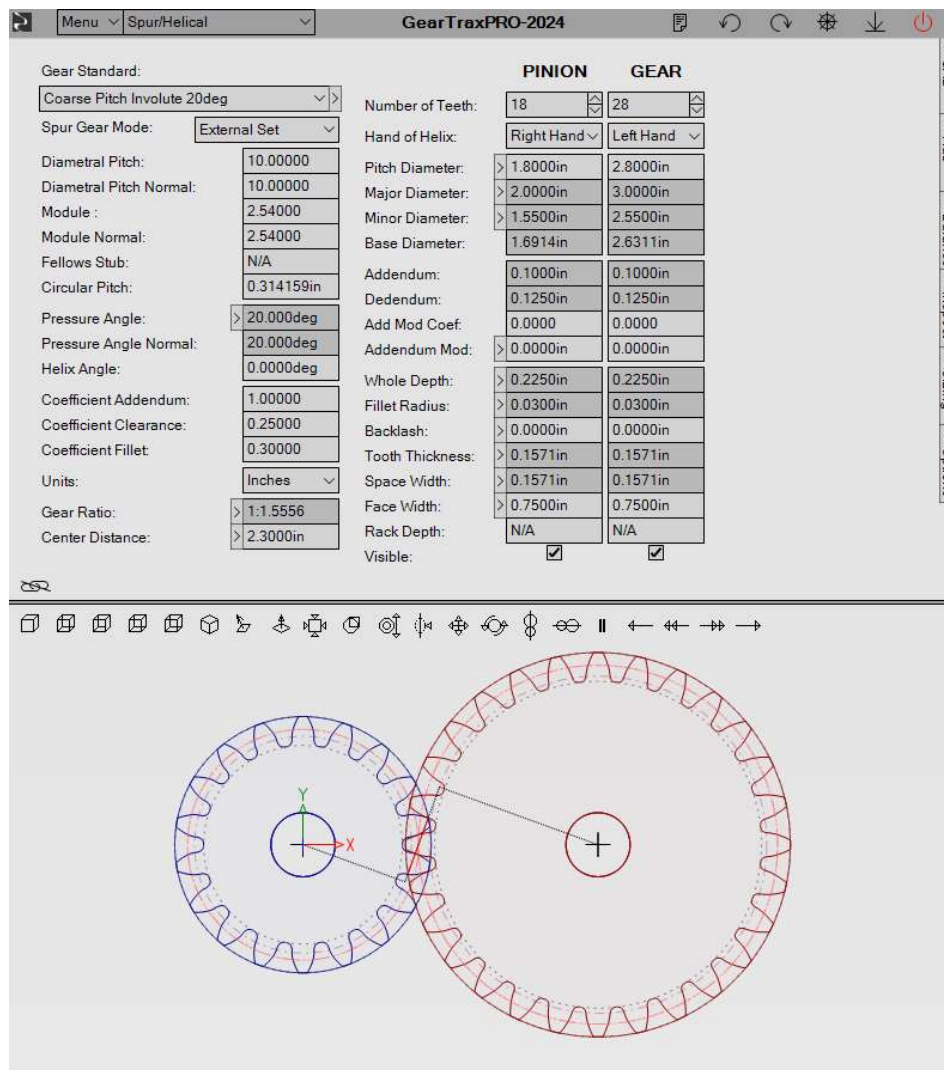
GearTrax™ provides the designer with an easy-to-use tool for creating solid models of drive components. It's intuitively easy to use for the designer with limited gear experience yet powerful enough for the gear expert. More than a library program, GearTrax™ creates each part model with its specific requirements, just as a designer would, but takes seconds rather than hours or days.

FEATURES:

▪ Intuitive and simple, yet powerful

▪ Diametral and Module pitches

▪ International standards supported

▪ Plastic gear standards

▪ True involute tooth profiles

▪ Cycloidal (clock) tooth profiles

▪ Automatic addendum modification

▪ User control of all gear properties

▪ Mounting hubs and counter bores

▪ ANSI, BS & DIN keyway options

▪ Very affordable

POINT AND CLICK TO CREATE:

▪ Spur and Helical Gears

▪ Internal Gear Sets

▪ Bevel Gear Sets

▪ Worm Gears

▪ Involute Splines

▪ Timing Belt Pulleys

▪ Chain Sprockets

▪ V-Belt Pulleys

▪ Cycloidal Drive Gears

▪ Elliptical Gears

▪ 100's of Mounting Styles

GearTrax™ is an object oriented/property driven gear design program. It is not the intent of GearTrax to replace your CAD system but to augment the CAD system with a user interface that will allow the gear designer to accurately visualize the components before they are modeled in the CAD system.

GearTrax™ is available as an add-on for SOLIDWORKS, Autodesk Inventor and Solid Edge and can also be used standalone. Several different network license options are available for GearTrax™. We also offer a PRO version of GearTrax™ which includes additional features. **Free 10-day trials are available on our website.**

GearTrax™ is programmed in the USA using 100% renewable energy.

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"GearTrax is a great addition to my tools. I have saved more time than I care to think of had I not had this available. I'm designing a remote-control car right now, and I don't even think about the gear design portion of this. It's about as intuitive as it could be, and with the animation, fantastic. "

"I have been recommending your products all over the company for years. Everyone here loves them (especially GearTrax).   It lets even our industrial designers design gears."

"I have GearTrax working. I'm just looking at a Spline that has been generated directly inside SOLIDWORKS. Pretty impressive software."

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ABOUT US
Camnetics, Inc. is dedicated to improving the way automation components are designed.

CERTIFIED Solution Partner

DS SOLIDWORKS

autodesk authorized developer

Solution Partner

PLM

SIEMENS