

GearTrax™ for SolidWorks™

COMPONENTS FOR YOUR DRIVE



**Point-N-Click
to create inside
of SolidWorks:**

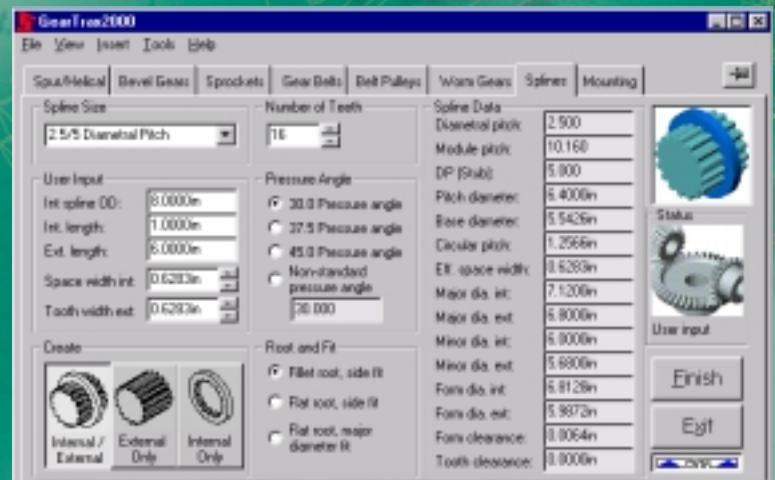
- NEW for 2000: Splines
- Worm gears
- Spur gears
- Helical gears
- Bevel gears
- Timing belt pulleys
- Chain sprockets
- V-Belt pulleys

"The GearTrax product perfectly leverages the parametric power of SolidWorks. By providing this type of powerful yet intuitive design tool, partners like Camnetics are enabling our customers to wring even more productivity out of their SolidWorks investment."

— Robert McGill, Manager, SolidWorks Partner Program

Features:

- Intuitive and simple, yet powerful!
- Diametral and Module pitches
- International standards supported
- Plastic gear standards
- True involute tooth profiles
- Automatic addendum modification
- User control of all gear properties
- Mounting hubs and counter bores
- Bores and hubs for split tapered bushings
- ANSI and BS Metric keyway options
- Very Affordable



SOLUTION PARTNER



Camnetics
INCORPORATED

926 Autumn Woods Lane • Oregon, WI 53575
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Email: info@camnetics.com
Web Site: www.camnetics.com

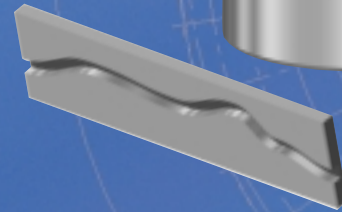
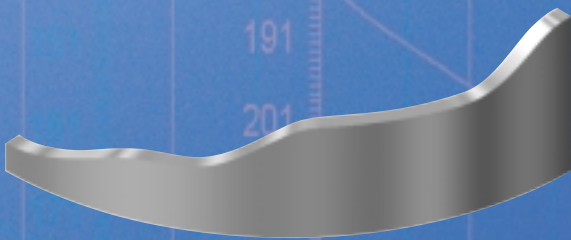
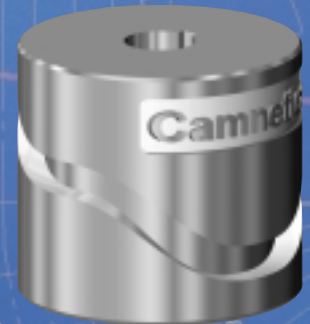
A no-hassle 10-day free trial of the FULL version is available. Just download, install, complete the registration form and fax it to Camnetics. You will receive the registration code by e-mail or fax.

CamTrax™ for SolidWorks™

M O T I O N I N S T E E L™

Few mechanical devices have proven themselves as reliable and effective in the control of machine motion as precision cams.

Now cam design has been simplified and automated by CamTrax™, a high speed cam-development program available from Camnetics, Inc. CamTrax™ is designed to operate only with SolidWorks™, designers can quickly develop precision cams and effectively incorporate solid models of cams into their designs.



Let Camnetics, Inc. improve how your automation components are designed.

Features Available:

Cam types:

- Cylinder
- Segment Cams
- Disk
- Linear

Follower types:

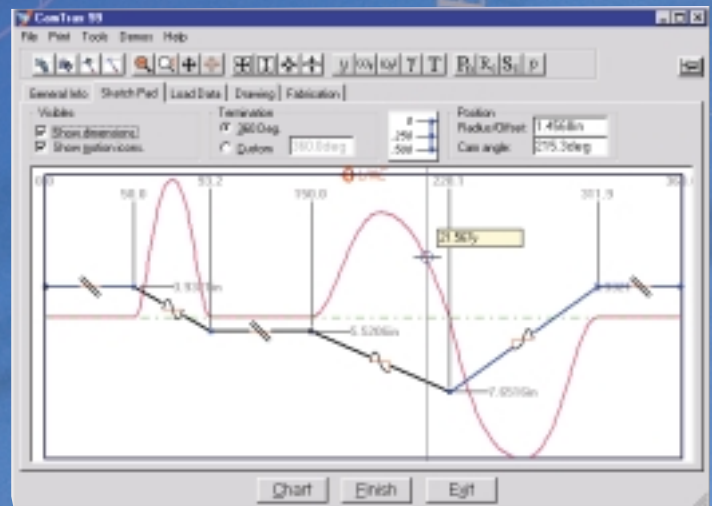
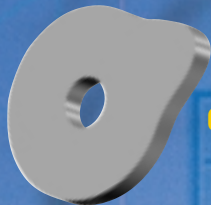
- On center translating
- Off center translating
- Swinging arm

Motions:

- Cycloidal
- Harmonic
- Modified sine
- Modified trapezoid
- Cycloidal/harmonic
- Harmonic/cycloidal
- Constant velocity
- Terminal velocity

Other Features: Numerical tables and graphs:

- Displacement
- Acceleration
- Velocity
- Cam shaft torque
- Contact stress
- Normal force
- Radius of curvature
- Pulse (jerk)



CamTrax is easily affordable at US\$795



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