

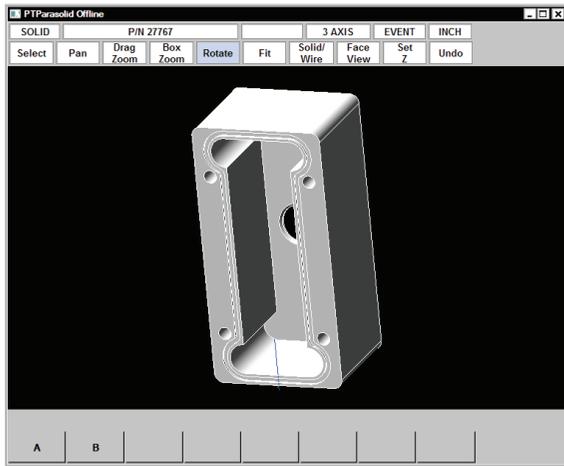
ProtoTRAK Parasolid Conversion Software

The powerful Parasolid Converter makes it easy for you to generate ProtoTRAK mill programs from Parasolid 3D CAD files. This allows you to meet the growing demand placed on you by your customers to handle their 3D CAD files, and saves you significant ProtoTRAK programming time.

- Easy to do on the shop floor
- Processes commonly used and readily available .x_t format (Parasolid) 3D CAD files
- No specialist input required - your ProtoTRAK machinist can learn in minutes

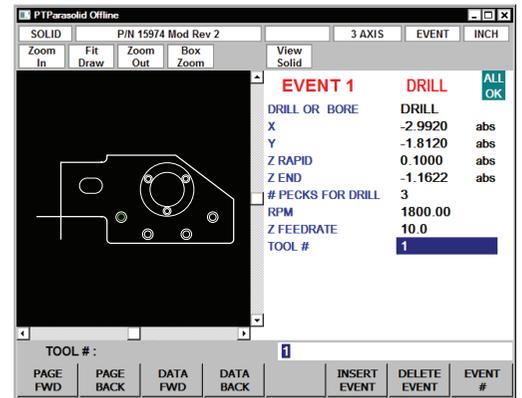
Intuitive 3D Model

The ability to view your part in three dimensions enhances your ability to understand it and facilitates programming. Powerful viewing tools include Zoom, Pan, and Rotate.



Interactive, Prompted Selection of Geometry

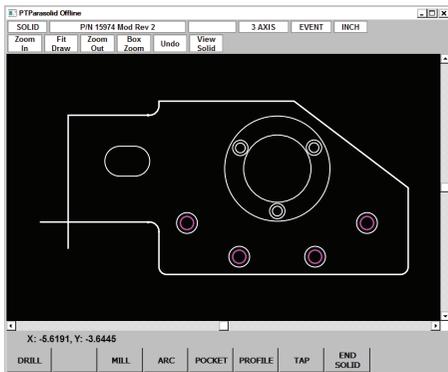
Program events in the order you choose by selecting the event type and then clicking on the geometry (excluding geometries with bottom contouring). The Converter automatically



loads event X and Y dimensions. Point and click the mouse to load event Z RAPID and Z END dimensions - Z END dimensions for drilled holes automatically take drill point lengths into account. Once the event type and dimensions are loaded, it is an easy matter of filling in the rest of the prompts.

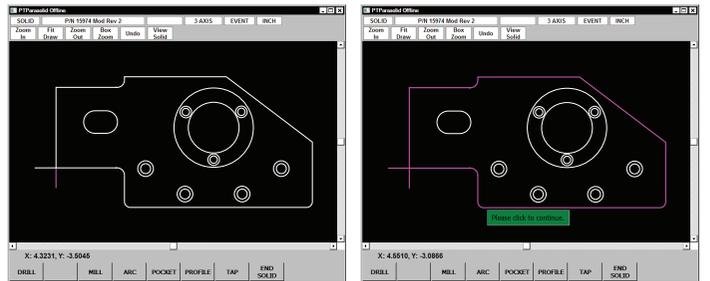
Event Groups

You create event groups out of items you want to machine the same way. Click on a circular geometry and then click on all the similar circular geometries. When you click the Event key an event is created for each of the geometries. Once you fill in the data for the first event, the Converter will automatically fill in the data for the remaining events from data you entered into the first event.



Chaining

When programming Pockets or Profiles, you define the entire geometry of the periphery with just two clicks – the first to tell the ProtoTRAK where to start, the second to tell it which direction to go. The rest of the connected events are loaded in automatically. For the part shown, the 16 events that make up the profile were loaded by simply clicking two lines!



For more information or to order your copy of ProtoTRAK Parasolid Conversion software, contact Southwestern Industries or visit our website.



TRAK ProtoTRAK

Southwestern Industries, Inc.
2615 Homestead Place
Rancho Dominguez, CA 90220

www.southwesternindustries.com
310-608-4422

F16865