RAPTOR

CAD/CAM SOFTWARE FOR PEDDINGHAUS MACHINES

RAPTOR

B I G G E R • F A S T E R • S T R O N G E R

Peddinghaus

Welcome to the World of Peddinghaus - The World of "BETTER".

In the world of Peddinghaus we aim to be better. Take a look at any of our 5,000+ installations throughout the globe. These fabricators experience reduced costs and higher production using our equipment. Why? Because with Peddinghaus they receive better technology, better service, and better quality than anyone else can provide. These things aren't easy to do, and not every company can guarantee what Peddinghaus does. I am proud that I can say these things because at Peddinghaus we work harder than anyone to give our customers the best. Whether they are located in New York, Los Angeles, or Chicago; they all receive the very same service, spare parts, and support that is second to none.

Welcome to Partnerships – From Software to Service to Sales.

At Peddinghaus we maintain strong partnerships with industry leaders to ensure your success. Whether this is our relationship with leading software providers (such as Shop Data Systems, Sigmanest, Steel Office, AceCad, Tekla, FabTrol, Design Data, and more) or our partnership with regional sales and support organizations - our goal is to work together to serve you better.

Welcome to Raptor - The Future of Structural Software.

For decades software has been seen as just a small part of the machine tool purchase. Many used to view software as merely a tool for programming. With modern machines this has completely changed. These intelligent machines need more information than ever to perform their powerful operations. The difficulty is getting this information without increasing the workload to the fabricator. Peddinghaus' Raptor software is designed to help fabricators program faster and more accurately than ever before. Even more than this, we make sure that there is total flexibility in the types of machines that can be programmed with this software. Now I can't claim to be a software expert, but I know the steel industry. Anyway you can reduce your costs, and increase the value to what you provide your clients means more profits and lower costs. Raptor does this in a whole new way for fabricators and detailers alike.

Welcome to Peddinghaus Service – Unmatched Global Support.

At Peddinghaus service is priority number 1. Peddinghaus' global team of customer support representatives are on duty, on call, all the time at our very own 24 hour customer support center. Combined with state-of-the-art remote diagnostic software, readily available local field support professionals, and the industry leading warranty - customer support from Peddinghaus is only a call or a click away.

Welcome to Peddinghaus – A Tradition of Innovation, a Reputation for Excellence.

My great-grandfather and grandfather perfected Ironworkers during their time with Peddinghaus; then it was my father's turn to pioneer the TDK drill line. In today's world I am proud that we at Peddinghaus continue to offer new solutions for our customers such as Raptor software. This is only possible through constant innovation, and continuing investment in research and development. I invite you to see why Peddinghaus technology is the chosen provider for steel fabricators the world over.

Carl G. "Anton" Peddinghaus
Chief Executive Officer - Peddinghaus Corporation

STREAMLINE PROGRAMMING FOR CNC MACHINERY:

- Import single part and multi part data from Tekla or other BIM software programs
- Create single part or multipart data
- Inspect existing part data
- Modify part data
- Export CNC files to operate Peddinghaus machinery
- Complete backwards compatibility with Peddinghaus legacy software
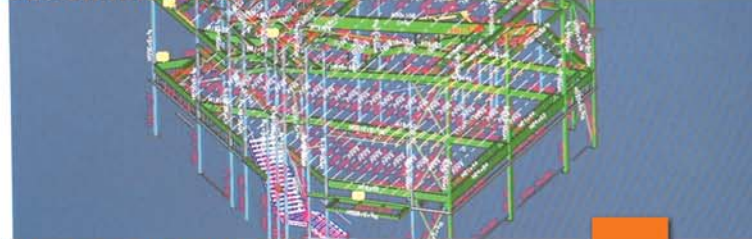
RAPTOR

3D CAD/CAM SOFTWARE FROM PEDDINGHAUS

Raptor Software – Linking Design to Fabrication

Raptor software enables fabricators to program and operate CNC machinery such as drill lines, angle lines, coping lines, automatic layout marking machines and more. Raptor connects these machines to initial structural designs by providing full compatibility with modern BIM (Building Information Modeling) programs. Parts can further be modified, inspected or created within Raptor before being exported to machinery or other computer workstations.
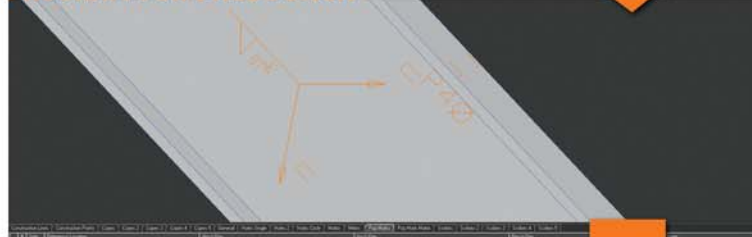
A Fully Customizable Platform

Raptor is a software comprised of modules. This allows every part of Raptor to be fully customizable for the individual fabricators' needs. The core of Raptor is the 3D module – this module provides the basic functions of the software. Beyond this module, users are able to select from a variety of options based upon their needs. These additional modules are available for importing part data, managing part data, exporting information and tracking part information.

DESIGN AND EXPORT

PROGRAM FOR PRODUCTION

PROCESS AND FABRICATE

3

- Seamless integration of part data from Tekla Structures building design software
- Direct import of part data for increased accuracy
- No intermediary file conversions (DSTV or similar)

TEKLA API MODULE

- Designed for fabricators utilizing building design (BIM) software programs such as SDS/2
- Export part data from building design software into a DSTV file and import into Raptor

DSTV IMPORT MODULE

3D MODULE
THE CORE OF RAPTOR SOFTWARE

- Select MRP (Material Requirements Planning) systems are capable of exporting batch nested files in a format know as iDSTV+ and DSTV+
- Raptor is capable of importing these iDSTV+ and DSTV+ files for part production and tracking
- This module eliminates the need to manually batch nest files
- Standard DSTV Import & Export Modules are included within this module

iDSTV+ AND DSTV+ IMPORT AND EXPORT MODULE

- Complete compatibility for Peddimat software users
- Import existing Peddimat files into Raptor
- Create new Peddimat files

PEDDIMAT IMPORT AND EXPORT MODULE

POST PROCESSORS

- Raptor can export CNC part files for operation of machinery using CNC post processors for specific Peddinghaus machines

DSTV EXPORT MODULE

- Allows Raptor to export part data into a DSTV file format (including scribes, copes, pop-marks and holes)
- All enhancements or corrections applied within Raptor are included within the exported DSTV file
- These files can then be sent to third party software for operation if needed

- The core of Raptor allows for complete management and editing of part data within Raptor
- If part data has been imported into Raptor, inspect and modify part information within the 3D Module
- Examine part data and ensure all design processes are in the target location and correct size
- Create part data within this module utilizing Raptor's user-friendly 3D interface

iDSTV+ AND DSTV+ IMPORT AND EXPORT MODULE

- Export batch nested iDSTV+ and DSTV+ files from Raptor to machine for operation
- Standard DSTV Import & Export Modules are included within this module

PEDDIMAT IMPORT AND EXPORT MODULE

- Export existing or newly created Peddimat files from Raptor for machine operation

EASY-TO-USE 3D INTERFACE

By reducing the time required to program equipment, Raptor reduces costly overhead. Raptor's easy-to-navigate 3D interface clearly illustrates part and machine operations. Raptor users can program complex operations such as coping, scribing, hole pattern development and more with simple software commands.

FASTER & MORE ACCURATE PROGRAMMING

Import and enhance DSTV files from BIM models into Raptor. Enhancements strengthen the data contained within the DSTV files for more accurate programming.

Users of Tekla building design software benefit from a direct connection with Raptor. All part information from the detailer transfers seamlessly to the fabricator for increased accuracy of hole locations, scribe locations, cope data, weld information and more.

COMPLETE COMPATIBILITY WITH LEGACY SOFTWARE

Capable of importing and exporting Peddimat files, Raptor enables users to edit or create part files for machines currently utilizing Peddimat. Raptor is also able to accept Peddimat programs for operation on new machines which run on Raptor software.

HOLE LOCATIONS

SCRIBES

COPES

1

3

DSTV FILE

DSTV FILE

2

DSTV FILE

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PEDDITRACK PARTS TRACKING MODULE

PeddiTrack parts tracking utility is a module for monitoring the production of parts on Peddinghaus machines using Siemens controls. This program is not immediately visible to the machine operator and works in the background of the CNC control. PeddiTrack creates an output file (either XML or .txt) at a desired location that displays vital information about part production.

By reviewing executed program commands, PeddiTrack will create a file that documents the use of a machine. These files can include the following information about Raptor programs executed on Peddinghaus machinery:

- File location, name, and number of parts within a given program

- Material information such as profile shape and material length

- Number of specific machine functions executed (number of holes, number of cuts, etc.)

- Start and end time of a specific program

- Active time required to complete a program (time in which the machine is actively in operation – does not include machine idle time)

BENEFITS OF THE PEDDITRACK PARTS TRACKING MODULE

- Automatic documentation of production

- Potential to view progress remotely

- Ability to monitor employee productivity

- Elimination of human error in the production monitoring process

PEDDI TRACK

ON CALL. ON DUTY. ALL THE TIME.

24 Hour Service and Support from Peddinghaus

24
HOURS
HELP
DESK

24 HOUR CUSTOMER SERVICE

The Peddinghaus state-of-the-art Service Center continues to grow to serve you even better – and is available 24 hours a day!

- 60+ trained traveling field service technicians for on site assistance

- 20+ knowledgeable telephone technicians

- Complete training facility for operators and programmers

WEBCAM TROUBLESHOOTING

Each of Peddinghaus' machines are shipped with a simple to use webcam and software. Peddinghaus technicians can view mechanical questions from anywhere in the globe using this latest in customer service technology.

MODERN REMOTE ASSISTANCE

Peddinghaus' 24 hour tech support center is equipped with modern remote assistance technology. This allows Peddinghaus technicians to remotely diagnose machine questions or issues from anywhere on the globe. With the flexibility of the powerful Siemens control and modern remote internet software, Peddinghaus technicians can view the control screen of a machine in question with ease. Nearly 90% of service issues can be solved without the need for a service visit using this technology.