What our customers say...

3D-CAD

PYTHA 3D-CAD

...an integrated system
for all your tasks

Christian Schuster [Schuster Innenausbau GmbH]

Christian Schuster, Master carpenter and designer. His company is a trend-setter for contemporary interior decoration and object design.

A statement on PYTHA? Write what you want, **I stand right behind you!**

Anita Skiba [Shop design, agency for success on the internet]

With PYTHA I design the shop. Libraries help me to **quickly furnish it with shelves, counters and accessories**. Thus PYTHA helps me to create convincing presentations. My customers get thrilled when they see the virtual shop, long before the real one has been built.

Darren Genner [Minosa Design]
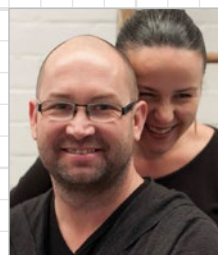
Darren Genner is a highly awarded interior designer.
Using PYTHA in our design studio gives us **complete flexibility in design and presentation**. Any limitation is our imagination and not the software. Most importantly we can communicate design and ideas in real time and full color; walking our clients through their project long before commencement. This helps our clients make clear and educated decisions very early in the design phase of their project.

Erich Stanislowski [Woodworking college / Schwäbisch Hall / Germany]

We, the college for master craftsmen in Schwäbisch Hall, have been using PYTHA in our CAD curriculum for 15 years. The deciding factors for this long and successful application were and still are **how easy it is to get to know the program**, PYTHA's excellent visualisation compared to the competition, and the outstanding, ever-competent PYTHA team.
In recent years, PYTHA has developed enormously. The distinct lead over the competition has been maintained and new modules, such as CNC technology, have been successfully integrated.

Kristin Kremer [Cubicworx]

Kristin Kremer is a designer who relies on PYTHA when designing and presenting her projects. She says: With PYTHA drawings and renderings **we definitely get more orders**. I can rely on PYTHA even when modeling complex shapes.
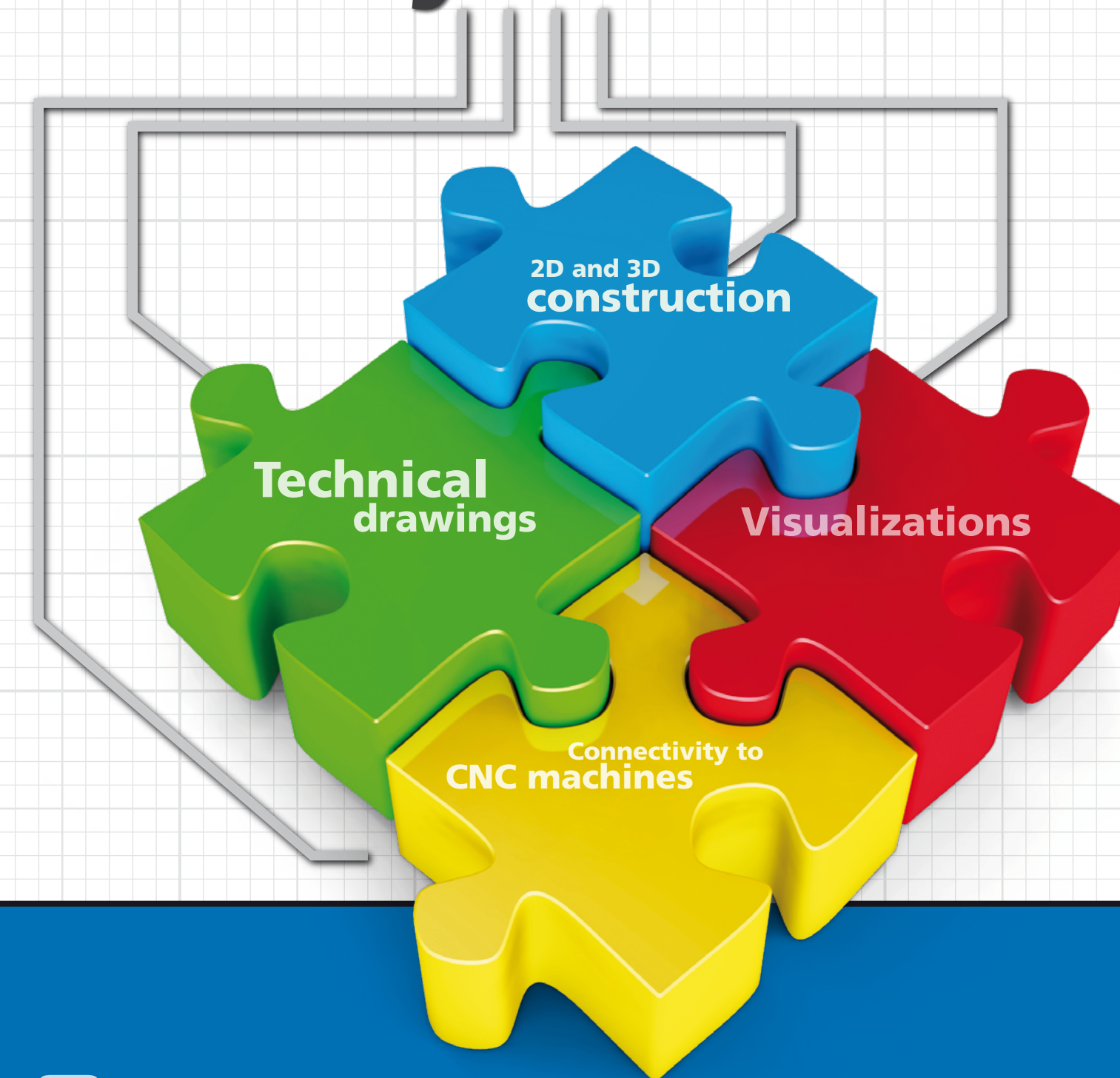
Summary of Benefits

PYTHA's team has been collaborating for many years with industry experts associated with the manufacturing of products using wood, metal, glass, plastic and stone. PYTHA developments are driven by customer requirements and fully tested by our industry experts. The result is a flexible solution limited only by your imagination.

- **Easy to learn**
  Getting started with the 3D CAD software PYTHA is really easy: with the help of an extensive manual, over 5 hours of video tutorials, the PYTHA forum on the internet and expert support by your local PYTHA dealer.

- **Easy to use**
  The PYTHA software is the result of 30 years of development. The PYTHA developer team hast spent much effort in repeatedly refining the commands and optimizing the work flow. The result is a highly intuitive user interface.

- **Fast planning**
  The optional PYTHA 3D library contains over 25'000 elements which makes the design of individual and standard models easy as a child's play.

- **One solution fits all!**
  Within a single software solution PYTHA features:
  Exact modelling of 3d objects, Technical drawings, Workshop drawings with sections and details for the production, Parts lists, material lists etc., Automatic generation of CNC programs, Photorealistic real time renderings, Virtual Walk through etc.

Join the technological revolution with PYTHA!

3D-CAD-System PYTHA

2D and 3D construction

Technical drawings

Visualizations

Connectivity to CNC machines

Over 10'000 companies are using PYTHA:

| Andres Kunststoff-Systeme | **adidas** | Bilfinger Berger Facility Services | Elektrolux AG | Conform Messe- u. Ausstellungsbau GmbH | **Deutsche Telekom AG** | Dula-Werke Dustmann & Co. | **FOCON SHOWTECHNIC** | Hannecke Display Systems | **Hettich** | HUCK Seiltechnik | IMA Klessmann | Interfurn BV | Jysk Display | Kesseböhmer | Kortendieck Möbel-Collektionen | Kraus Maffei | **3M** | M+W Zander | **Messe Frankfurt** | Meuter Exhibition Design | MHK Gruppe | Emster Kitchens | **Miele** | Migros | Nolte | **NDR** | **Otto Versand** | Panroyal | Phoenix Contact | Profair | **Prolyte** | Rational Einbauküchen | S'Designteam | **Schüco International** | **CEDIC** Präsentations-Systeme | Staedtler Mars | Takata | Tünnissen Messebau | Zenith | Verfürth Atelier | **Warsteiner Brauerei** | Westfalia Van Conversion | Westdeutsche Landesbausparkasse LBS | Wyeth - Pharma | Zeiler Möbelwerk | Allmilmö Küchen | Waskönig | **Umdasch Shop Concept** | Rohde und Schwarz | Rastal | **Deutsche Bundeswehr** | Heinz-Nixdorf-Institut Duravit |

WWW.PYTHA.DE

One solution fits all

Virtual Reality

PYTHA and Oculus Rift are your door to virtual reality. Experience the spatial feeling of your 3D model live!

Animation

Video files in full HD quality can be saved within minutes. Of course, they can also be equipped with surround sound right away.

Photo-realistic **Images**

PYTHA saves high-resolution, full color images that are ready for print, or just for being attached to an email, in less than 10 seconds.
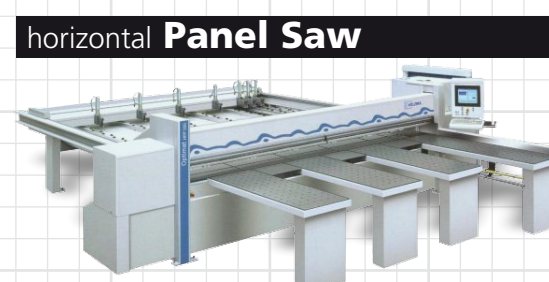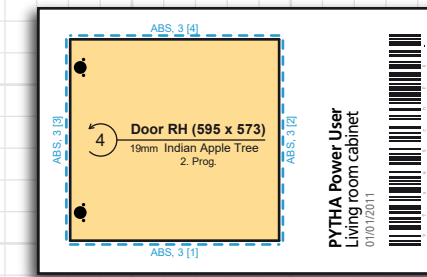
horizontal **Panel Saw**

Estimation software

The PYTHA parts list offers an extremely flexible interface to almost any management and estimation software.

Printing and Plotting

All information in your PYTHA CAD project can be printed out on printers and plotters in all sizes, or be exported in the file formats PDF, EMF or DWG.

Label plot

Automatically generated labels and component drawings, with an integrated bar code if needed.
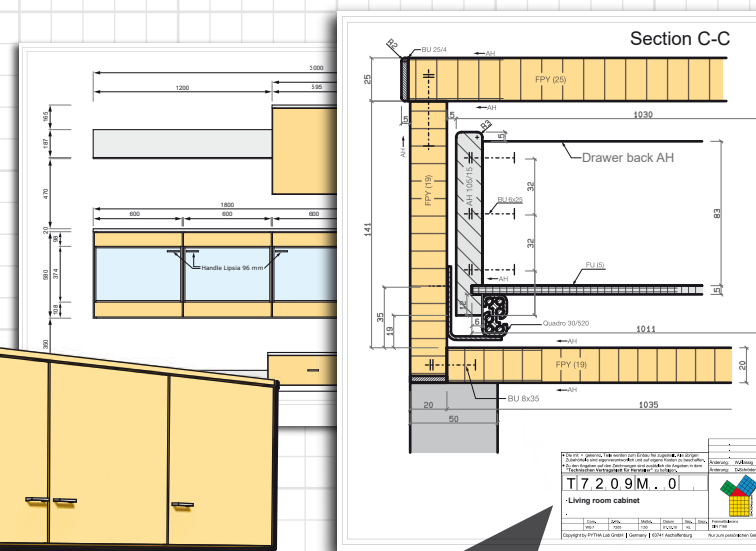
CNC machines

Connectivity to CNC machines of all major manufacturers.

Visualization

Real-time

Real-time

2 minutes

Parts list

2 seconds

technical Drawings

Section C-C

Drawer back AH

5 minutes

CNC-Programs

4 Door RH (595 x 573)
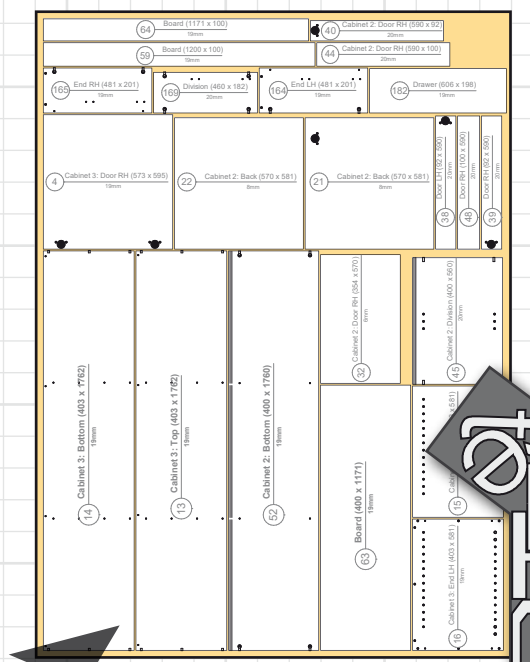19mm Indian Apple Tree

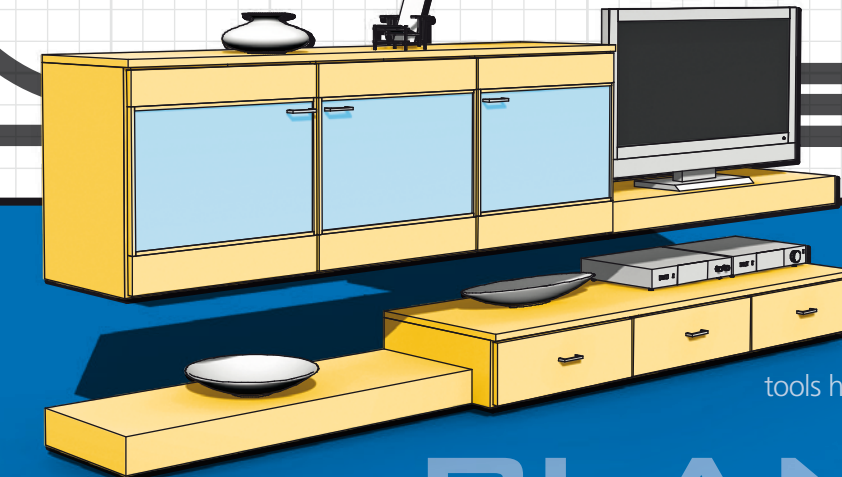4 Door RH (595 x 573)
19mm Indian Apple Tree
2. Prog.
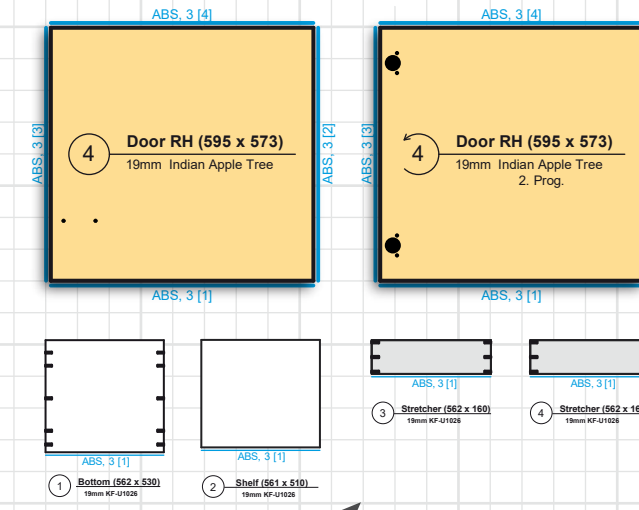
2 minutes

Nesting

Cutting optimization including bore hole patterns and CNC programs at the push of a button.

PYTHA can also be used to optimize the positions of free-form parts on supply of any shape.

20 seconds

Cutting list

Power User: Private client / Living room cabinet   Job number: 122-201 06/30/2011

Count	Name	Cut size		Finished size			Edge banding					Material	Veneer	Unit price	Total price
		Length	Width	Length	Width	Height	L	L	S	S					
1	Door LH	584	523	594	533	19	AH, 5	AH, 5	AH, 5	AH, 5	Chipboard	Indian Apple Tree	€ 23,00 /m²	€ 7,28
3	Stretcher	562	157	562	160	19	ABS,3				Chipboard		€ 12,00 /m²	€ 3,24
2	End	710	547	710	550	19	ABS,3				Chipboard		€ 12,00 /m²	€ 9,37
1	Drawer front	584	158	594	168	19	AH, 5	AH, 5	AH, 5	AH, 5	Chipboard	Indian Apple Tree	€ 23,00 /m²	€ 2,30
1	Back	710	581	710	581	8					Chipboard		€ 6,00 /m²	€ 3,30
1	adj. Shelf	561	507	561	510	19	ABS,3				Chipboard			
1	Bottom	562	527	562	530	19	ABS,3				Chipboard			

With PYTHA, you choose a high-performance visualization software, with which you can not only generate photo-realistic images in incredibly short times, but also interactively walk trough them. This means that, together with your customer, you can examine your design from all angles, test the combination of different materials, and open doors by the click of a mouse. Your presentation turns into a perfect show!

After just a short learning phase, you will plan your projects faster than ever-and in three dimensions! The easy user interface and the comprehensive tools help you to bring any of your designs to life.

No matter whether you have to transfer data to a CNC machine only occasionally or this is an essential part of your everyday work, PYTHA will create CNC programs for you and make your work easier than ever.

PRESENTATION   PLANNING   PRODUCTION