



CATALOG

2023/2024

CNC laser cutting machines • CNC plasma cutting machines
Hydraulic press brakes • Hydraulic guillotine shears
CNC Waterjets



Otinus Brand

Otinus brand has been selling, manufacturing and servicing machines since 2010 as a company identified with safety, a sense of security and professionalism. With us, Clients receive something more than machines — peace of mind and assurance that besides purchasing devices of excellent quality, the relationship is just getting started.



Are you fed up with relying on subcontractors?

WE WANT TO UNDERSTAND YOU AND YOUR ENTERPRISE. PLEASE TELL US HOW YOU HAVE BEEN HANDLING SHEET METAL CUTTING AND BENDING UNTIL NOW.

Our Clients relied on external company services very often, which caused many risks that could have led to the collapse of their companies.



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VIDEO ON RISKS OCCURRING WHEN CUTTING AND BENDING SHEETS AT THIRD PARTY COMPANIES

The video captures real problems that affected our Clients in the past. View it to be aware of risks you may be exposed to!

THE SOLUTION IS **OTINUS**[®]

We will guide you through the entire process, from selecting the device to starting it up on-site. Working with us, you can focus on your work. We are positive that our actions will contribute to the development of your enterprise!



We serve You

What does it mean?



1

WE SERVE YOU – BEFORE

We will analyze your organization's current and future needs. We will select the suitable kit of devices. You will check their quality in any way you choose.



2

WE SERVE YOU – DURING

There is no need to have experience in cutting and bending sheet metal. An Otinus employee will conduct a complex training so that you can start working immediately after purchasing.



3

WE SERVE YOU – AFTER

You will receive a time-package of tech support hours and the access to the platform with online courses. You will experience that the cooperation with Otinus is far more benefiting than purchasing machines,

Otinus in Europe

You can find working machines of the Otinus brand in sixteen European countries. There are no borders for us - that's why we are trusted by such a wide range of Clients. Customer satisfaction is our priority.

We are building a brand that will be well-known around the world now it's time for the United States of America.



WE PLAY FAIR

WE FOCUS ON PARTNERING WITH THE BEST IN THE INDUSTRY, WHILE WORKING ETHICALLY TO DEVELOP NOT ONLY BUSINESSES BUT ALSO INDIVIDUALS.



We cooperate with the best



Fair play certified in Europe



We support young sportsmen

Otinus Corp. is a European based company specializing in the manufacture and sale of sheet metal working machinery. Our mission is to provide "**peace of mind**" and safety to our Clients.

We are glad to be certified as a Fair Play Enterprise. This underlines our honest approach to doing business.

We are happy to be expanding into the US market, taking on new challenges and looking forward to working with Clients from this country.

Our team is made up of qualified specialists who understand our Clients' needs and tailor our quotes to provide the best value for money.

In 2020, we created an educational platform – Otinus Academy – to share knowledge in the field of sheet metal processing. In this way we support the development of the industry and provide valuable information to our Clients.

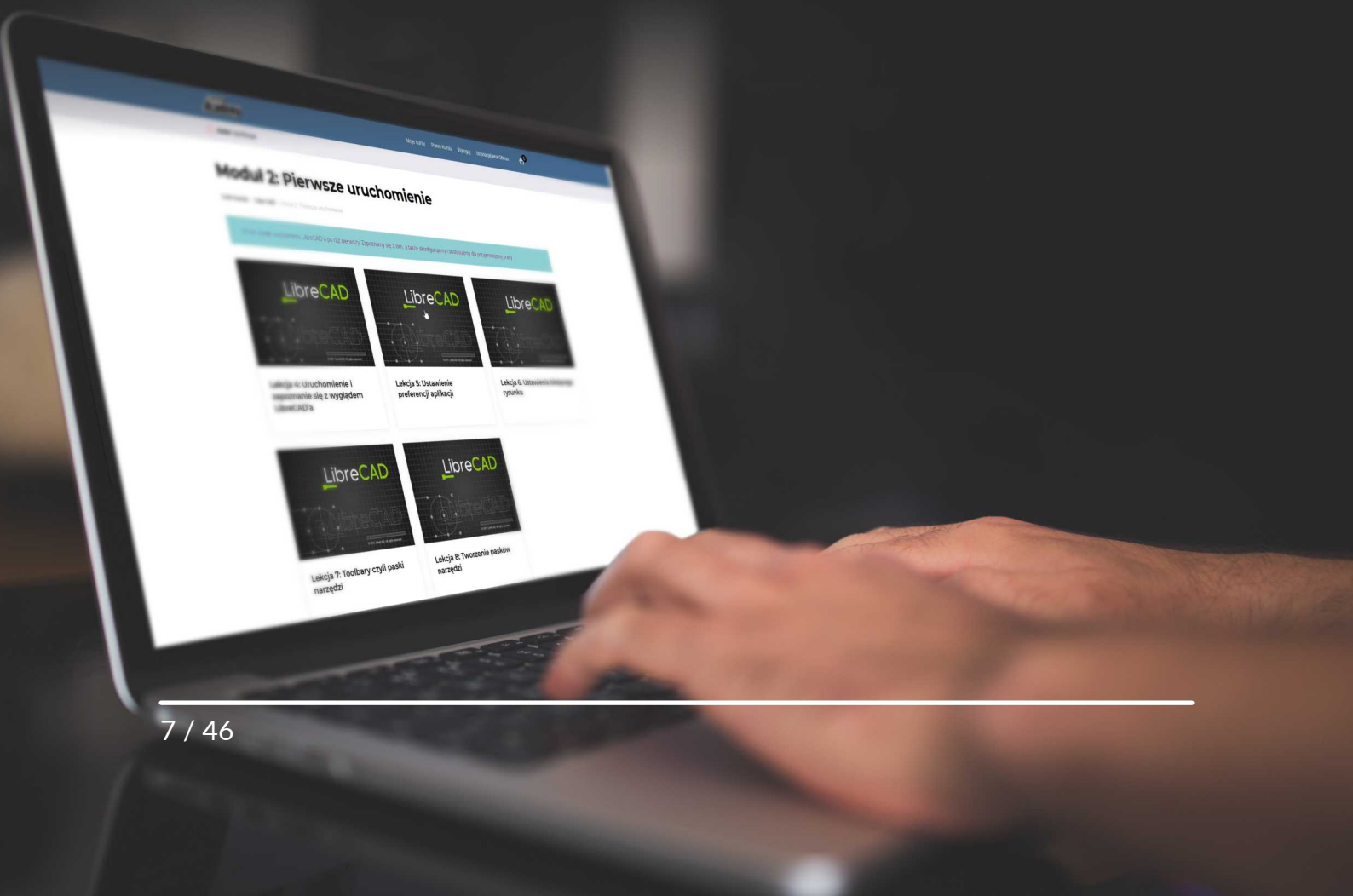
Inspired by the achievements of our young athletes, such as Mateusz Kolodziejcki and Maksymilian Pawelczak, we are constantly improving our machines.

Our success is based on the vision and hard work of our founder, Michal Obrzut. His motto "There is no chance, nor luck - what remains is vision and work" sums up our approach. Trust Otinus, as our integrity, innovation and global expansion will provide reliable sheet metal solutions.



Otinus Academy

This is an ever-growing e-learning platform for you and your employees. When you buy any Otinus machine, you will gain a year's access to online courses and thus effortlessly train a new employee or refresh your knowledge from a training course!



Otinus Support



Telephone consultation

We make sure to stay in touch with you after the machine has been installed. Our technician, as part of this service can:

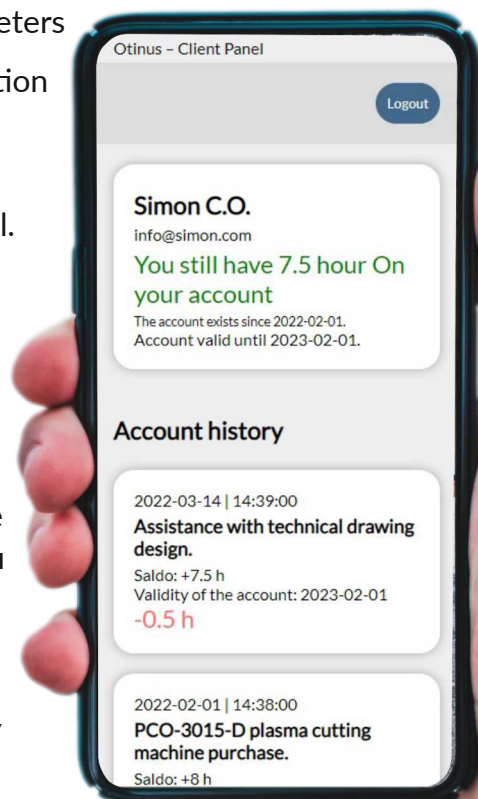
- Prepare or redraw technical drawings - CAD
- Advise on the choice of material
- Assist in the selection of operating parameters
- Assist in other issues related to the operation of a given machine.

You have control over the work time with a consultant—through the Otinus Client Panel.



Online support

There are 8 more hours to use, during which our technician can remotely connect to an Otinus plasma or laser cutter - these machines come with a camera and wi-fi module free of charge. This solution allows you to use the time from the **Online Support** time-package for a remote assistance service—no matter where your company is located.



FIBER laser cutting machines

- 2.5 times better energy efficiency*
- significantly lower cutting gas consumption*
- reduced number of consumable parts and much simpler replacement*
- approximately 30% savings in the space occupied by the source*
- limited scrap waste—optional nesting program
- high level of security
- components from reputable brands including Schneider, Fuji Electric, Motovario
- almost maintenance-free operation of the source
- trouble-free routing of the beam to the cutting head
- possibility of cutting various materials including: mild steel, aluminum, stainless steel and brass
- source brands: IPG / MAX Photonics / Raycus

The end price of the machine includes 32 hours of installation and operational training, including 16 hours of Otinus tech support service.



8 hours



8 hours



32 hours

Fiber laser cutting machines — training

4-day training along with the machine installation

1st & 2nd day: up to 8 hours each for machine installation and controller training.

3rd day up to 8 hours — independent work under supervision of our technician — you can program specific parts manufactured at your company

4th day up to 8 hours — additional training day to be used within 12 months — in case any questions arise during operation



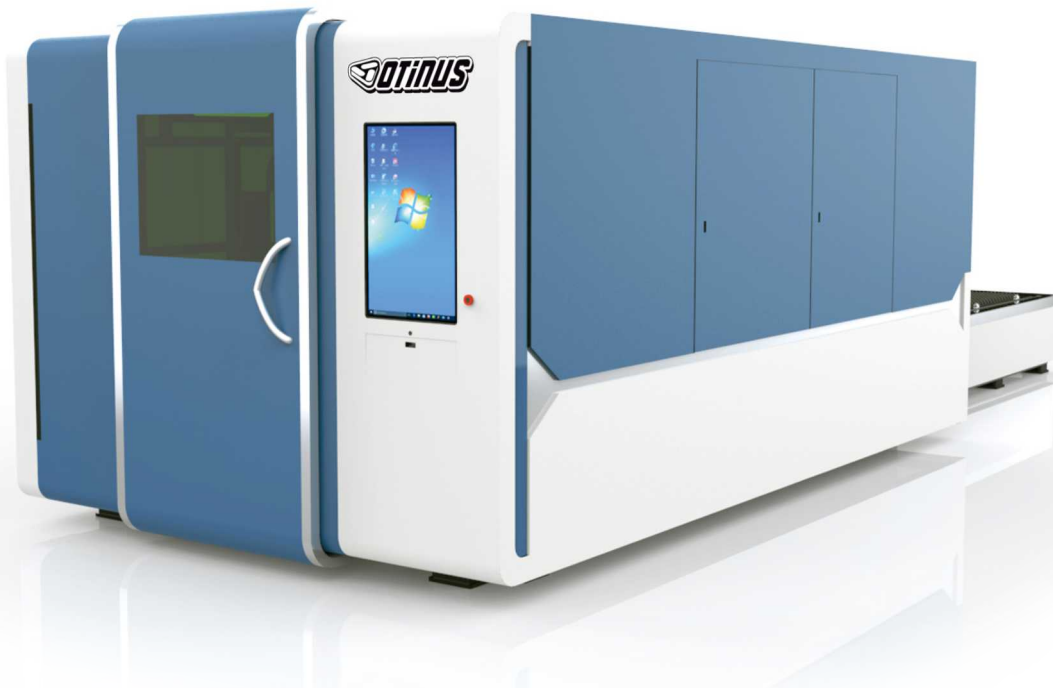
FIBER laser cutters – enclosed – with an exchange table

Available with:

- working table dimensions: from 5 x 10 ft up to 10 x 20 ft
- source power output: from 1kW up to 12kW
- design that ensures maximum operation safety
- HypCut, an advanced operating software
- 4th axis as an option



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FIBER laser cutters – enclosed – with an exchange table and a rotary table

Available with

- working table dimensions: from 5 x 10 ft up to 10 x 20 ft
- source power output: from 1kW up to 12kW
- rotary table working length: 20 ft
- rotary table chuck: 9 in
- design that ensures maximum operation safety
- 4th axis



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Fiber tube laser cutting machine

Available with:

- rotary table working length: 20 ft
- source power output: from 1kW up to 6kW
- rotary table chuck: 6 in, 9 in or 14 in
- light curtains



Fiber tube laser cutting machine with automatic feeder

Provided with:

- rotary table working length: 20 ft
- source power output: from 1kW up to 6kW
- rotary table chuck: 6 in, 9 in or 14 in
- light curtains

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Software for laser cutters



CypCut

CypCut, sheet cutting software, is a complete fiber laser cutting application that simplifies the complex operation of CNC machines. CypCut will automatically optimize errors when importing a drawing, remove duplicates and invisible graphics, smooth out and merge cutting lines.

- quick and easy settings for cutting single or large quantities of parts
- statistics to help manage production
- support for DXF, AI, PLT, NC and Gerber files

HypCut



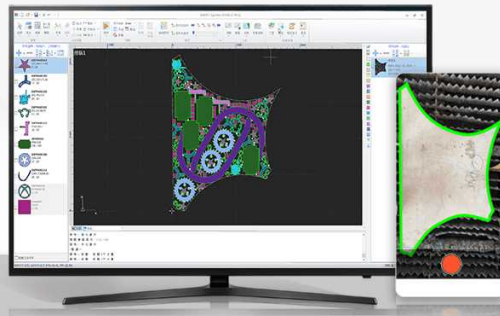
HypCut

HypCut is customized software developed for high-power laser cutting. A professional process is provided for high-power laser cutting, which can realize intelligent production. It supports the planning and scheduling to assist production management; its modular design provides users with more concise and efficient operations and assists users in quickly completing production.



CypNest

Sheet Nesting Software



CypNest

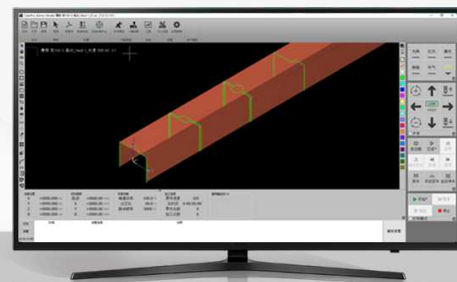
CypNest is nesting software designed for CypCut. Its features include:

- smart recognition of parts as well as identification and optimization of drawing errors
- batch creation and importation of parts using an excel table
- efficient algorithm; no limit on the number of sheets and details in nesting; support for manual and automatic nesting; support for nesting sheets of any form.
- path optimization speeds up the process
- creation of reports for easy analysis of work and its further optimization
- addition of support for DWG files



TubePro

Tube & Profile Cutting Software



TubePro and TubesT-Lite

TubesT Lite is a basic software for managing a laser cutting rotary table for cutting hollow tubes. The TubePro version is an advanced tool that enables nesting on hollow tubes and offers other advanced functions designed to optimize work and product quality.

Software application

Software name	Laser cutters without rotary table	Laser cutters with rotary table
CypCut/HypCut	●	●
CypNest	●	●
TubesT-Lite	●	●
TubePro	●	●

● standard ● option ● not available

Laser cutting heads



PRECITEC cutting head

The Precitec Group is a global innovation and market leader in the development and production of components and system solutions for laser and optical measurement technology.

Raytools cutting head

RayTools cutting heads are Swiss products designed for industrial applications in medium and high power fiber lasers.



Available brands of laser sources



IPG Photonics

IPG Photonics is a US manufacturer of fiber lasers. The company is the world's leading manufacturer of fiber laser sources.



MAX Photonics

The MAX Photonics brand was established in 2004. Its origins are rooted in manufacturing light sources and optics for scientific institutes. Quality and stability of product performance have been set as the highest goal.



We are
an official partner of



Hydraulic press brakes

Provided with:

- multi-purpose lower die
- Amada-Promecam tool clamping system
- quick-action clamping system
- movements in all axes steered by servomotors
- user-friendly interface
- front supports for sheet metal handling
- Oil Cooling System (OCS)

Safety is ensured by:

- light curtains
- limit sensors
- safety covers

The end price of the machine includes 24 hours of installation and operational training, including 8 hours of Otinus tech support service.



8 hours

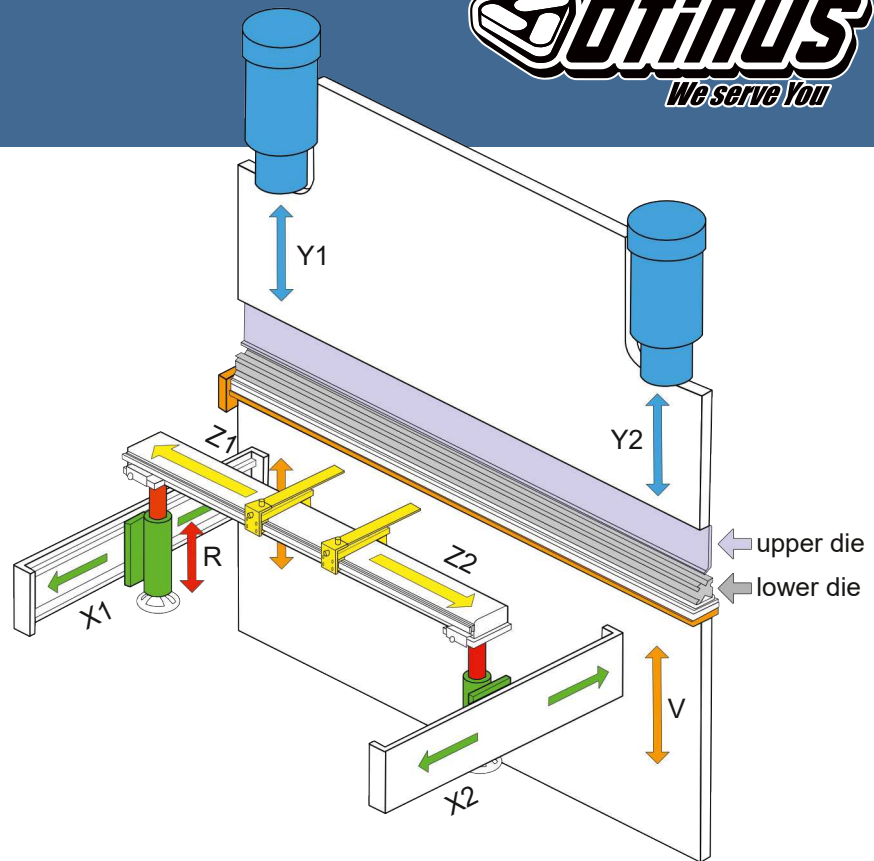


24 hours

Available with:

- controllers: Otinus OT-41, Delem DA-58T, Delem DA-66T and Delem DA-69T
- pressure capacities: from 40t up to 820t
- working table lengths: from 4 ft up to 20 ft





Optional extra	Otinus OT-41	Delem DA-53T	Delem DA-58	Delem DA-66T	Delem DA-69T
Manual crowning (V-axis)	●	●	●	●	●
Automatic crowning (V-axis)	●	●	●	●	●
Lower die segmented identically as the upper die + die holder	●	●	●	●	●
Front supports on linear guides	●	●	●	●	●
AMADA upper die dual clamping	●	●	●	●	●
Y1/Y2 axis independent control	●	●	●	●	●
Automatically controlled R-axis	●	●	●	●	●
Automatically controlled Z-axis	●	●	●	●	●

● standard ● option ● not available

Press brake controllers

CNC Controller: Otinus OT-41

This is a CNC controller that is designed to achieve the best **cost-performance ratio**. Operated through a touch panel.



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CNC Controller: Delem DA-53T

This is an **advanced CNC controller** that allows you to operate up to 4+1 axes and manually program the bending process. It offers versatility at a moderate cost.





CNC Controller: Delem DA-58T

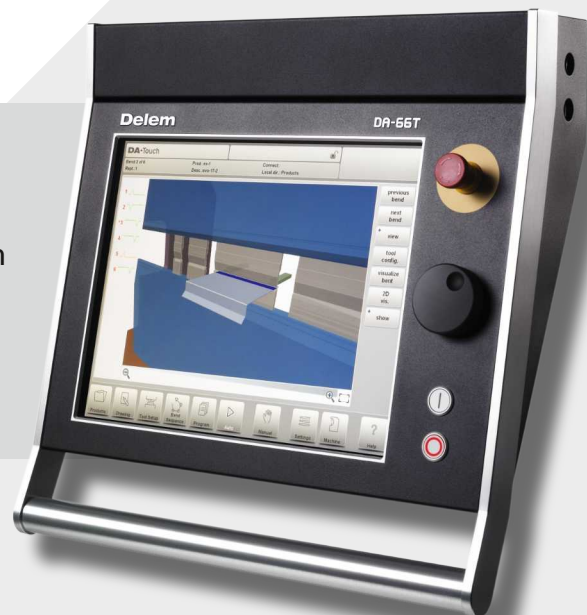
This is an advanced CNC controller that allows you to operate in up to 4+1 axes and manually program the bending process. It offers versatility at a moderate cost.

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CNC Controller: Delem DA-66T

This is a **very sophisticated** controller that supports the operator during each step. It ensures precise movement operation that includes 8+1 axes. Programs can be written on an external computer.



CNC Controller: Delem DA-69T

This is the **highest standard** for controller models. It comprises all the features of DA-66T, allowing the operator to program parts in 3D, which makes their work easier to conduct.



Hydraulic guillotine shears

Provided with:

- blades for cutting mild steel
- intuitive controllers Cybelelec 8G, ESA S625 or ELGO P40T
- two-edge blades ensuring less frequent sharpening
- hydraulic sheet metal clamping over the entire cutting length
- supports and ball transfer units to facilitate work
- laser cutting line indicator
- covers and photocells that ensure the operator's safety
- clearance adjustment – possibility to adjust different thicknesses of processed material
- illumination of the machine working area

The end price of the machine includes 8 hours of installation and operational training, including 8 hours of Otinus tech support service.



8 hours



8 hours

Available with:

- blades: up to 1 in
- working table lengths: up to 20 ft
- blades for cutting stainless steel
- controllers Cybelec 8G or ESA S625
- automatic blade gap adjustment



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CNC plasma cutting machines

- designed and manufactured in Poland
- furnished with plasma sources from Hypertherm and Kjellberg—world leaders in plasma cutting technology
- compatible with other plasma sources
- fully welded steel frame of the machine – durability and trouble-free operation ensured for years
- protective equipment
- Align Material System – automatic correction of the angle of material placement
- Torch Height Controller – integrated cutting height control system
- Anti-Collision System – anti-collision sensor for the operation safety
- access to training materials on the Otinus Academy e-learning platform
- available with VORTEX 3D FL and DUAL FLEX 3D cutting heads

The end price of the machine includes 8 hours of installation and operational training, including 16 hours of Otinus tech support service.



8 hours



8 hours



8 hours



Purchase an Otinus plasma cutter in a kit and save money. The bigger the kit, the lower the end-price.

Get extra:

- Hypertherm plasma source with a CNC torch
- additional manual torch
- refrigerant dehumidifier
- filter set
- reciprocating compressor
- screw compressor with a dryer and filter set
- fume extraction

CNC plasma cutting machines PCO-A and PCO-C

Available with:

- water table or section ventilated table
- working table: all sizes up to 10 x 20 ft
- Hypertherm Powermax45® XP, 65 SYNC™, 85 SYNC™, 105 SYNC™, Powermax125® sources
- extended gantry beam in the X-axis by 20 in

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CNC plasma-gas cutting machines

PCO-AG and PCO-CG

Gas cutting up to 60 in thick material is performed with a Harris torch and console.

Provided with:

- water table or section ventilated table
- working table: all sizes up to 10 x 20 ft
- Hypertherm Powermax45® XP, 65 SYNC™, 85 SYNC™, 105 SYNC™,
- Powermax125® sources
- extended gantry beam in the X-axis by 20 in



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The best combination

All our plasma and plasma-gas cutters are compatible with Powermax45® XP, 65 SYNC™, 85 SYNC™, 105 SYNC™, Powermax125® and MAXPRO200® plasma sources.



Purchase an Otinus plasma cutter in a kit and save money. Kits are available in configurations that include a CNC plasma cutter, Hypertherm plasma source, torch and optional screw compressor with an ultra-fine filter.

Wide selection of Hypertherm plasma sources

We are one of the largest distributors of Hypertherm. With us you can purchase any Hypertherm brand plasma source from the product families: Powermax®, Powermax SYNC™.



Always available at the Otinus warehouse

With us you can buy all
the Hypertherm consumables needed
for manual and CNC torches.



SmartSYNC™ torches

For hand cutting and gouging

SmartSYNC™ 75° and 15°



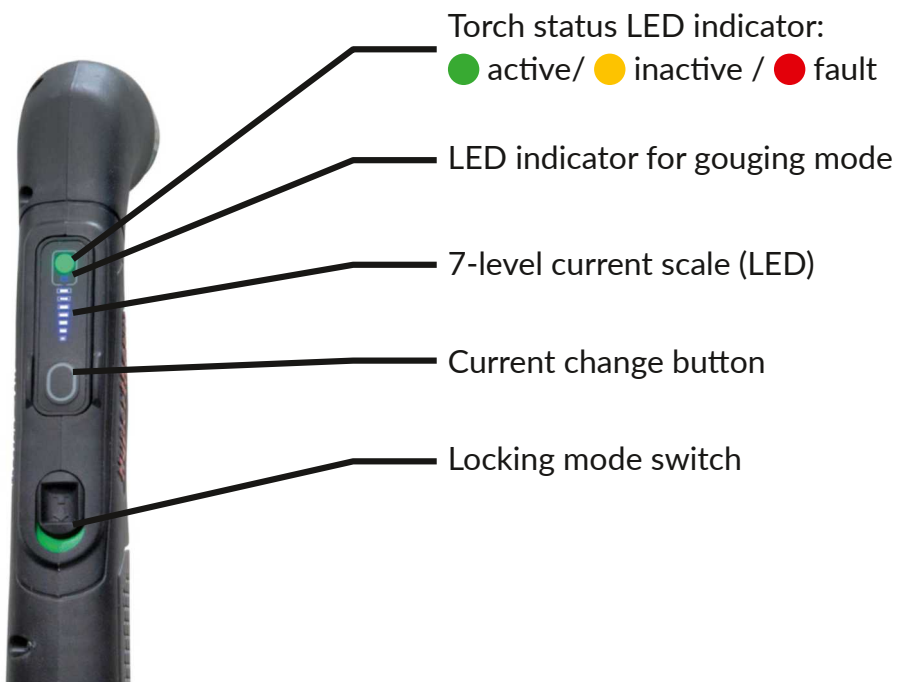
For mechanized work

Automatically set the correct amperage and mode of operation.



For robotic work

Allow for easy integration and compatibility with lightweight robot arms. Optional clamps and teaching tools speed up integration.



CNC plasma cutting machines

PCO-E and PCO-EG

Available with:

- 5 axes, head angle deflection +/- 52°,
- 3D cutting-edge technology
- water table or section ventilated table
- standard working length from 5 x 10 ft
- Hypertherm Powermax45® XP, 65 SYNC™, 85 SYNC™, 105 SYNC™, 125®, MaxPRO200®, HPR 400 XD, HPR 800 XD, XPR 170, XPR 300 plasma sources
- Kjellberg PA-S45W, CutFire 100i, SmartFocus 130, SmartFocus 170, SmartFocus 200, SmartFocus 300, SmartFocus 400, HiFocus 161i Neo, HiFocus 280i Neo, HiFocus 360i Neo, HiFocus 440i Neo, HiFocus 600i Neo plasma sources
- extended gantry beam in the X-axis by 20 in



Optional equipment



Extended gantry beam



Plasma marking



Increased thermal protection



Remote control



Vortex 3D head



Chuck for tube and profile cutting



Drilling system



Safety packages



Ventilated table



Vortex 3D head auto-calibration



Fume extraction system



Punch marking



Compressor



Automatic exchange table



Automatic sheet alignment



Ventilation



Inkjet



Air flow boost



Water table



Autonomous oxy-fuel cutting

lantek



And many more...

Otinus CNC Waterjet

Available with:

- 5-axis PRO-X 3D FL waterjet cutting head
- application of up to 4 water heads simultaneously
- no dust generated during the cutting process
- abrasive water jet cutting
- choice between 5 levels of cutting quality
- height sensor and anti-collision sensor included
- possibility of cutting various materials including: metals, stone, wood and plastic up to 10 in thick
- high pressure pump from KMT

The end price of the machine includes 24 hours of installation and operational training, including 16 hours of Otinus tech support service.



8 hours



8 hours



24 hours

Optional equipment



PRO-X 3D FL cutting head



Stainless steel water tank



Drilling



Waterjet bricks



Water softening system



Water purification and filtering system



Water tank



Dynamic water level



Abrasive cutting



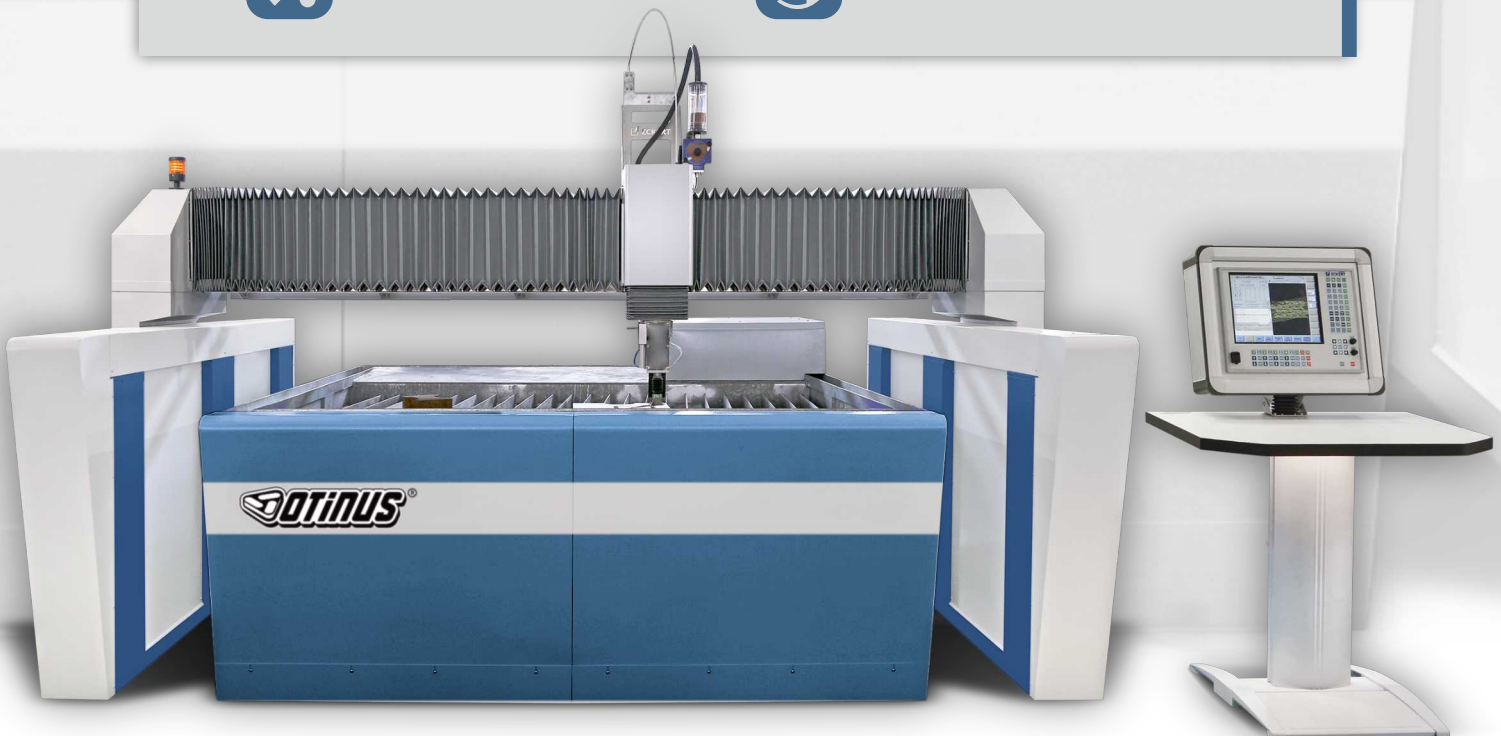
Press-locked gratings



Safety packages



Scraper system



NEO SERIES Waterjet Pumps

- up to 93.2kW max output power
- up to 6200 bar max pressure
- up to 6L max water flow

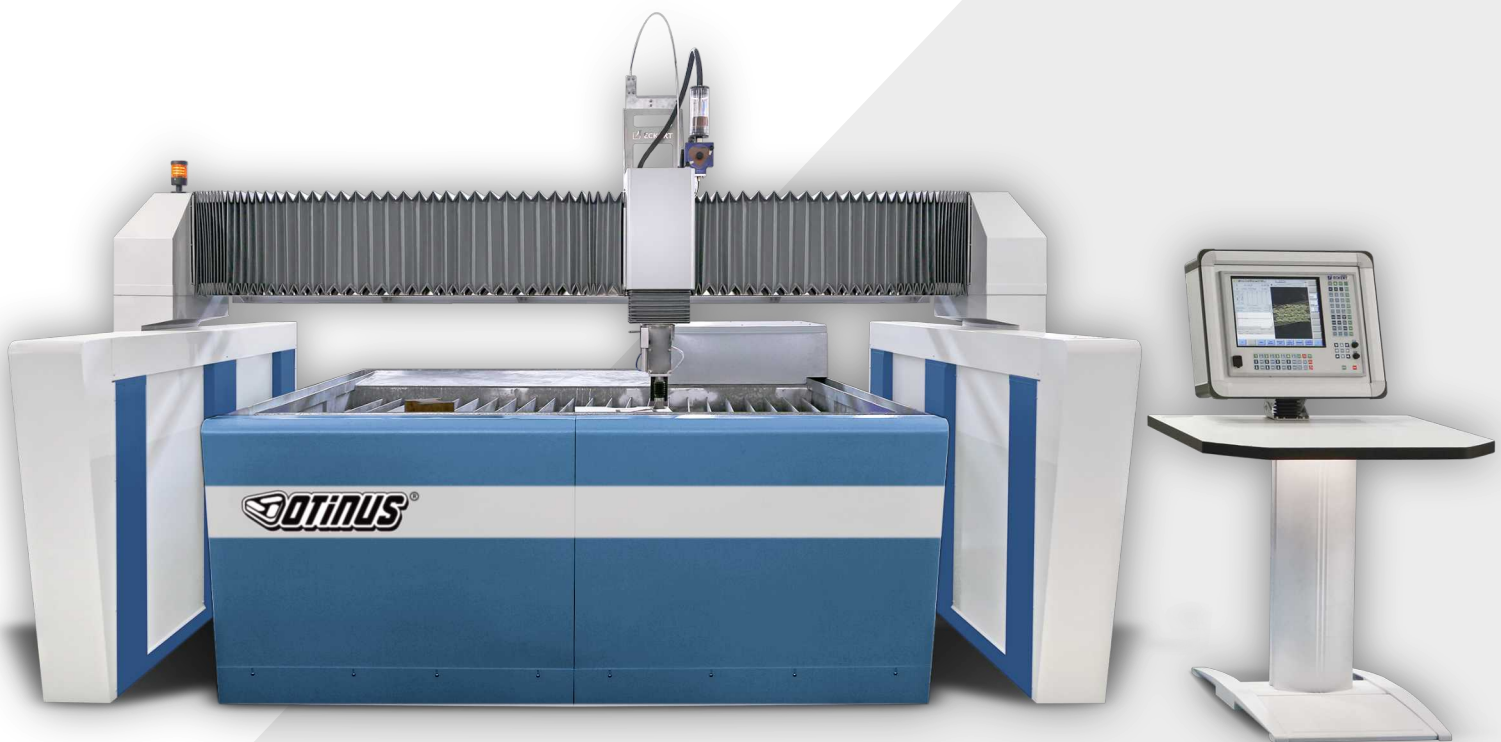
KMT
WATERJET



CNC Waterjet

Available with:

- stainless steel tank
- 5 axes, head angle deflection +/- 60°
- working table up to 10 x 20 ft
- 2D waterjet cutting thickness up to 10 in
- 3D waterjet cutting thickness up to 6 in
- high-pressure hydraulic pump from KMT
- precision AC servo drive system



Otinus compressors and dehumidifiers

- simple operation
- built with high-quality components that meet the ISO 9001 standard
- low noise level due to adequate soundproofing and smart design
- high durability of each compressor



Experience the quality of our machines

1. Meeting at the Otinus machine showroom

We are confident in the quality of the machines we sell. We can demonstrate the excellent results of their work in many ways.

The frequently chosen method is a demonstration at our showroom in Chicago, IL. You will be able to try out the device performance. You can provide us with technical drawings and materials, which we will test and send the finished final parts over to you. The most popular types and thicknesses of sheet metal are on-site.

The technician conducting the presentation will introduce the machines and answer all your questions.

Give us a call
(+1) 773-302-6485



2. Qualified technical personnel

Our qualified employees can comprehensively answer all your queries and show detailed capabilities of our machines. Based on their skills and knowledge, we can be sure that every customer will be treated with care.



3. Sending samples

Samples will be made based on the submitted technical drawings that you use in your company. By doing so, we will present high quality of our machine performance.



4. Online demonstration

Live remote cutting demonstration via the Internet. You can experience the capabilities of any Otinus machine without leaving your home.



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