

eurolaser®



BUILD ON THE FUTURE

Benefit from many advantages of
our current generation of laser systems.

www.eurolaser.com

HIGH PERFORMANCE IN THE NEXT GENERATION!

Our laser systems have been leading the market for the processing of non-metals since 1994. The expandability of our laser systems has always been a priority.

In the current generation of our laser systems, we have been able to integrate the experience of the last decades and numerous tips and requests from our customers. Technical improvements, practical options and many new ideas have resulted from market suggestions.



PN-System (until 2013)



S3-System
with Shuttle Table

QUALITY AND RELIABILITY.

Extended modularity and processing options

- The modular structure of our laser systems guarantees you multifunctionality and incomparable expandability.
- Updates and upgrades can be easily added at any time, so that you always stay up to date with the latest technology.
- New options expand your processing spectrum, e.g. with the Label Module.
- Larger portal opening gives you the option of processing of thicker workpieces.

Simplified operation and time savings

- In addition to the laser head, the other tools can be installed in parallel. Setup times are no longer necessary and you save valuable time.
- Interfaces enable you to connect individual automation solutions.
- The remote diagnostics of our WATCHDOG analysis tool enables faults to be identified more quickly and service calls to be supported better.
- Simplified focusing and continuously electronically adjustable z-axis save time and ensure optimal results.

Increased stability and process reliability

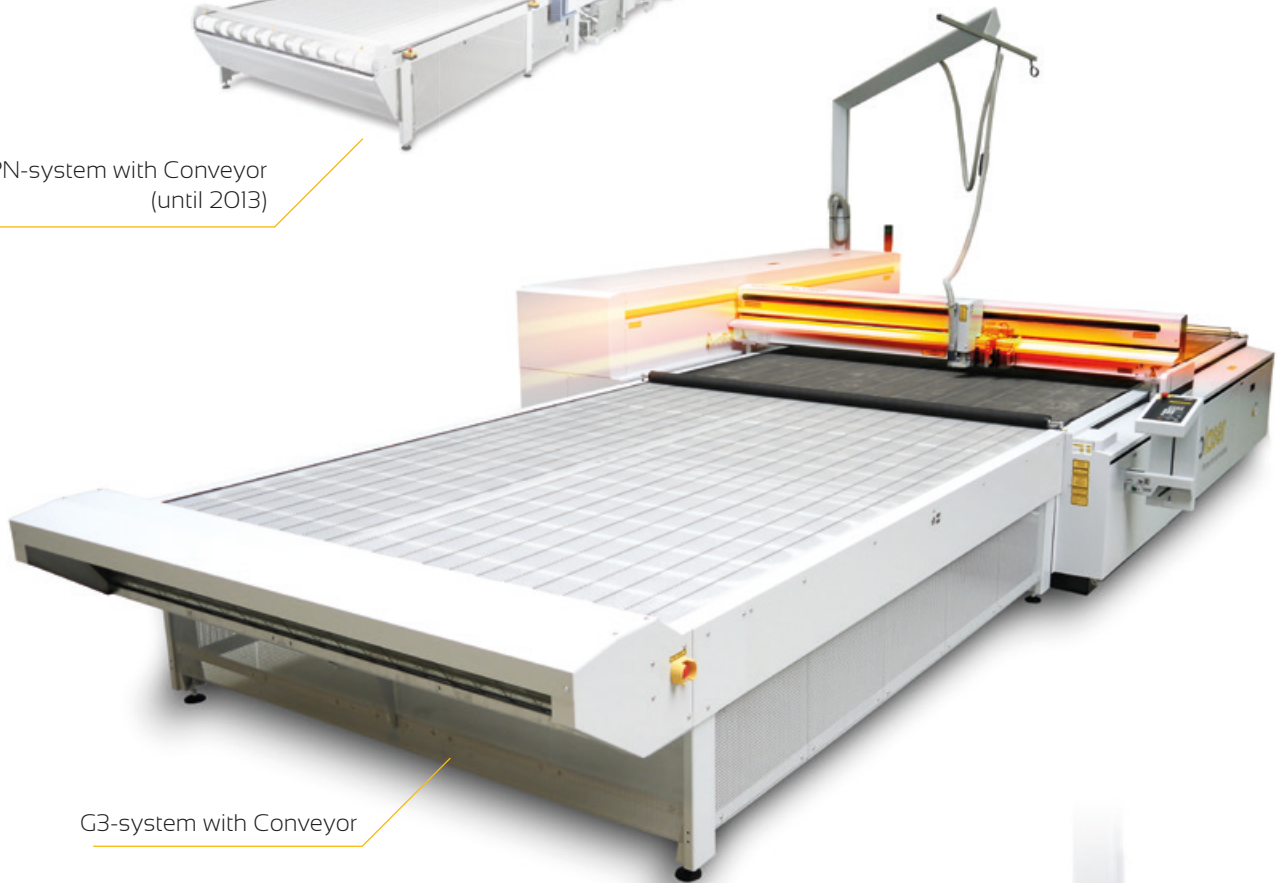
- The use of high-quality system components and the robust workmanship are optimally designed for 24/7 industrial use.
- The flow-optimized table shape ensures an even more consistent extraction performance.
- A robust tool guide guarantees you the highest level of production reliability.

YOUR START INTO A PROFITABLE FUTURE!

YOUR BENEFITS AT A GLANCE



PN-system with Conveyor
(until 2013)



G3-system with Conveyor



	PN-series (until 2013)	G3 / S3-series (from 2013)	YOUR ADVANTAGE
Extended processing options			
Mechanical tools from Zünd	Laser or Zünd-Tool	parallel	Use the variety of Zünd tools parallel to the laser, without changing the tool head.
Label Module	-	✓	Label your individual parts for further processing quickly and in one single step with the retrofittable label module.
Ink Printer Module	-	✓	Print on your workpieces or affixed labels directly with the precise and retrofittable ink printer module.
Pilotlaser	optional	standard	The integrated pilotlaser drastically simplifies set-up operations using a clearly visible red light point.
Compatible for new developments	-	✓	Technology is evolving. Stay fit for the future market by making subsequent adjustments to keep you up-to-date with the latest technology.
Automation interfaces	-	✓	Modern interfaces enable communication with individual automation solutions (Industry 4.0, robotics, etc.)
Standard material clearance (depending on the table concept)	15-40 mm (max. 25 mm expandable)	up to 55 mm (S3) up to 80 mm (G3)	Bigger portal clearance allows you to process particularly thick workpieces, thicker than 50 mm, without upgrading the laser system and at no additional cost.
Changeable frames with different table concepts	-	✓	With the changeable frame, you can quickly and easily change your table concept and thus expand your processing options.
Compressed air connection	optional	standard	The standard compressed air connection enables all materials to be cut without retrofitting. Purge air and compressed air are already pre-installed and available for the cutting jobs.
Preparation for camera upgrade	-	✓	Save time and money for your camera upgrade.

DISCOVER THE MANY ADVANTAGES!



PN-system (until 2013)



G3-system

	PN-series (until 2013)	G3 / S3-series (from 2013)	YOUR ADVANTAGE
Simplified operations			
Detection of the optical lenses	manually	automatically	Avoid operating errors with the automatic lens recognition.
Z-axis adjustments	manually/ pneumatically	electronically	Achieve optimal results quickly with the simplified focusing with the continuously electronically adjustable z-axis.
Programmable hot keys (F keys)	4	8	Save time by saving frequently used functions via the hotkey access.



Belt cleaning for
Conveyor systems



Automatic Shuttle
Table system

	PN-series (until 2013)	G3 / S3-series (from 2013)	YOUR ADVANTAGE
Improved service			
Spare parts supply	limited	secured	Secure planning capability through fast and long-term availability of spare parts for the G3 / S3 series.
Remote maintenance and live monitoring via WATCHDOG	-	✓	Live monitoring shows you important parameters and error messages in real time. Remote diagnostics allow malfunctions to be resolved more quickly and service calls to be better supported.
Drive system	steel	belt	Reduce your costs for maintenance and repair with elastic, low maintenance drive belts.
Protective function of the drives	standard	optimized	Improved protective functions of the drives and guides increase the longevity and maintain the high quality.
Accessibility of the laser source	standard	optimized	Benefit from faster access options in the events of a repair or replacement of the laser.
Optimized results			
Volume of the suction channels	standard 70 mm	high 100 mm	Higher volume of the connector increases the suction performance. Residual particles are more effectively absorbed and disposed of.
Improved Shuttle Table system			
Operation of the Shuttle Table system	manually	automatically / manually	In addition to the manual version, you can also use the table system fully automatically.
Drive system	belt	chain	Benefit from the longer service life thanks to the low-maintenance chain drive.
Improved Conveyor system			
Optional active belt cleaning	-	✓	The automatic cleaning of the conveyor belt prevents contamination of the material and you always achieve perfect results.

INVEST FUTURE-PROOF!

INVEST IN THE FUTURE NOW.

eurolaser GmbH

PHONE: +49 (0) 4131 / 9697-400

E-MAIL: service@eurolaser.com

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www.eurolaser.com