



# LASERPOINT

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The Laser Magazine by eurolaser

17<sup>th</sup> edition / Nov. 2014



## eurolaser celebrates its 20<sup>th</sup> anniversary

**From a plush teddy to a washing machine –  
laser technology guarantees perfectly cut shapes**

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## Large partner exhibition

**Expert knowledge compactly summarised**

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## Watchdog - Live Monitoring and Remote Diagnostics

**You save time, minimise downtimes and unnecessary costs**



## Our great jubilee

Dear visitors, business partners and interested parties,

We would like to say thank you. Thank you for 20 years in which we have achieved and experienced so much together. Thank you for your trust, your inspiring ideas, input and critical questions, which have repeatedly helped us move another step forward, ensuring the progress that is the cornerstone of our success.

20 years of eurolaser – a lot has happened in this time. Beginning with our rapid start in 1994 and on through to the introduction of the 'new generation', the further development of our laser systems.

Thank you for a really fantastic jubilee week at the beginning of September, one that was full of great moments and a wealth of emotions. Together with companions of many years standing, the families and friends of our staff and you, our partners and customers, we were able to enjoy a very special event.

For this reason, we have created a special jubilee edition of the Laserpoint, full of pictures with which we would like to remind you and us of this event.

The entire eurolaser team would like to wish you good health and every success and is looking forward to the next 20 years.



I, Matthias Kluczinski, hope you enjoy reading this

# eurolaser celebrates its 20th anniversary

FROM A PLUSH TEDDY TO A WASHING MACHINE –  
LASER TECHNOLOGY GUARANTEES PERFECTLY CUT SHAPES



Anniversary decoration – cut by laser

eurolaser's success story started 20 years ago. Cutting materials with laser light - this deceptively simple-sounding concept was the basis for a multitude of technical developments and the successful growth of the innovative machine producer. We made a name for ourselves worldwide when we specialised in CO<sub>2</sub> laser systems that could be used for cutting non-metallic materials. Founded in Hamburg in 1994, eurolaser with its around 100 employees today ranks among the world market leaders for laser cutting systems.

It is amazing just how many everyday things are now cut with laser. We come across the first 'lasered' components early in the morning, when we switch on the coffee machine. Front panels of household appliances are typical products of our customers. Many car parts are produced nowadays with our technology, from the

airbag to the interior trim and on through to the speedometer disc. However, this is just the beginning of the list: promotional signs, plush teddy bears, technical filters, sports shoes, music instruments and even the filigree wooden decorations that adorn our windows at Christmas are machined with laser systems from eurolaser. It is always fascinating to watch the contactless cutting of materials carried out with no application of force whatsoever on the material. It looks like magic at work – but is in fact only physics. A special light beam in the infrared range, similar to heat radiation, is sharply focussed on the surface of the material which it then cuts with exactly dosed energy by means of sublimation (immediate vaporisation). In other words, an 'optical knife' that never gets blunt! High-tech made in Germany.



The production was especially converted for the large partner exhibition



eurolaser's first customer - Mr Zachar



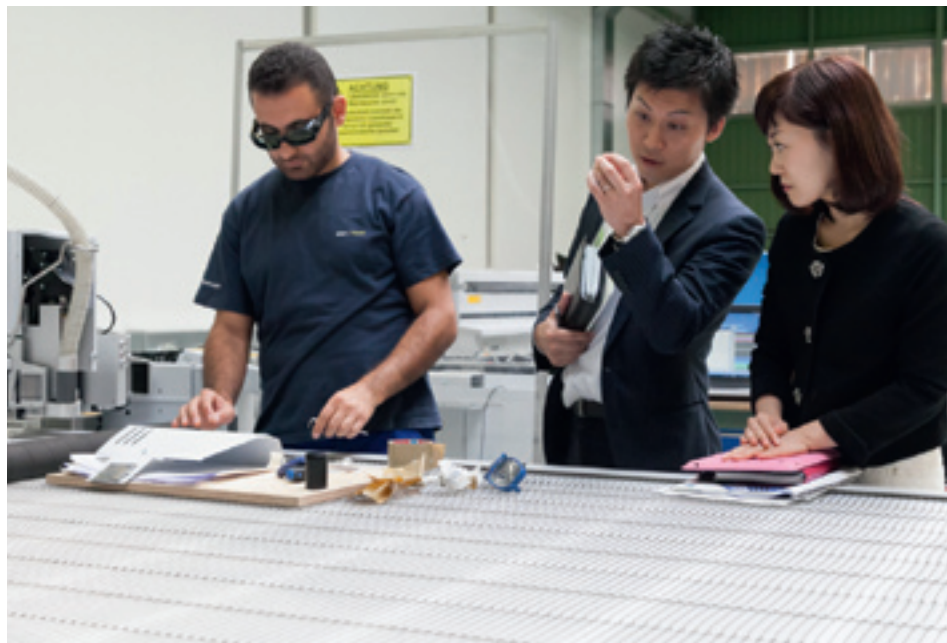
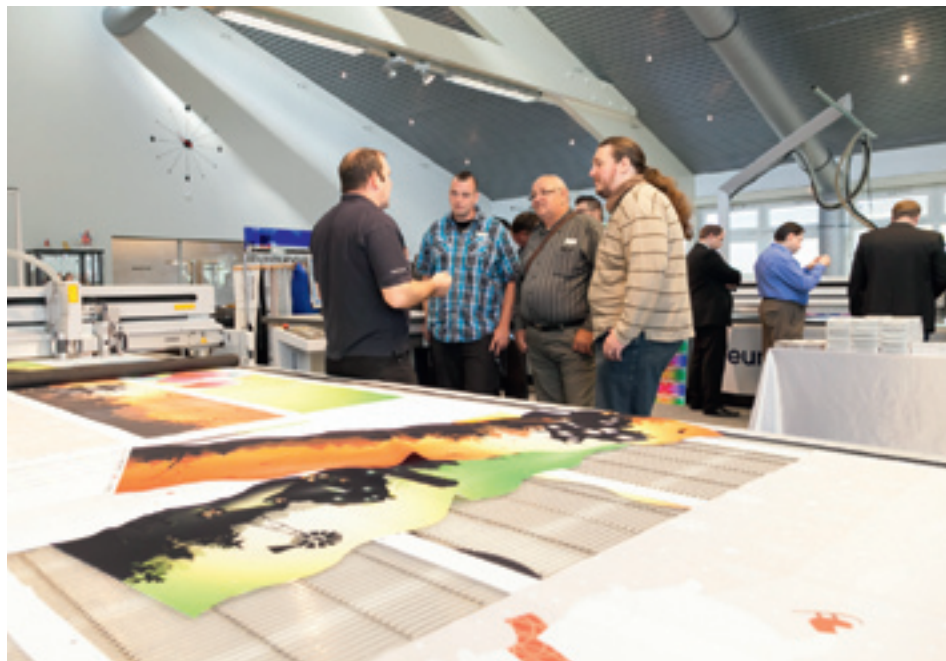
Welcoming by the CEO, Matthias Kluczinski



Showroom with laser-cut samples







An evening programme accompanied by music ensured an excellent atmosphere



Cutting technology of eurolaser was in use

eurolaser spent a whole week celebrating its 20<sup>th</sup> anniversary. The company was 20 years old to the day on Monday, 18<sup>th</sup> September 2014, which was also the day the jubilee week celebrations began. The staff and their families as well as regional suppliers and partners were all invited to join in the fun. The rest of the jubilee week had a more technical focus. First on the agenda was a training session for many international partners on Wednesday, followed by the in-house exhibition in Lüneburg on Thursday and Friday attended by professionals from the trade. There were visitors from all over the world.

Under the motto '20 years of experience in laser processing', the trade visitors were whisked off into the world of laser technology. The highlight of this year's in-house exhibition was the first ever live demonstration of 'Watchdog', an analysis tool that in future will constitute a cornerstone for improving service quality at eurolaser. An important step towards making the efficient system technology even more reliable in future.

We presented our latest developments in the spacious demo room. Particular attention was paid here to the automation and flexibility of the laser systems. The new automatic shuttle table system was presented, with which a table changeover is triggered with just the press of button. One table module is loaded and unloaded while laser processing continues uninterrupted on the other table. We also demonstrated the fascinating combination of parallel machining of up to three different materials on a single system. A CO<sub>2</sub> laser, a 1-KW cutter and an oscillating knife were used here. A joint sample created with our partners Canon, Erpa, Evonik and 3A Composites was used as an example to illustrate this flexible machining process.

However, this was not the only point that made a visit to the exhibition worthwhile; guests were also able to enjoy an extensive entertainment programme in addition to a formidable line-up of expertise. Practice-orientated specialist talks from the eurolaser ACADEMY team, a multitude of tours of the company and an evening with live music rounded off the event programme.

*'It was a pleasure for us here at eurolaser to welcome so many visitors and partners from all over the world. We were able to provide our guests with a great deal of expert knowledge this year, thanks to the many diverse talks and product presentations. The exhibition was marked by a fantastic, cooperative atmosphere and proved an overwhelming success for us as well as for our guests and partners', reports the Managing Director and founder of eurolaser GmbH, Matthias Kluczinski.*





# Live Monitoring and Remote Diagnostics

WORLD PREMIERE ON 11<sup>TH</sup> AND 12<sup>TH</sup> SEPTEMBER 2014



We have presented 'Watchdog' to the public for the very first time at our in-house fair to celebrate our 20<sup>th</sup> jubilee. Our brand new 'Watchdog', an analysis tool unmatched in the laser branch, ensures you always have all the key functions of your laser system in full view. This live monitoring function displays key parameters and error messages in real time. Its remote diagnostics enable faster fault removal and better planning of service jobs.

Sophisticated technology and ingenious concepts are the reason eurolaser cutting systems are ranked among the most productive laser cutters on the market. Watchdog is a consistent continuation of this strategy. Watchdog makes your production even more efficient thus saving you time and money. In future, all our laser systems will be equipped as a standard with the hardware needed to operate this analysis tool. Play it safe – customer service of the future!



Watchdog - Live demonstration

**You save time, minimise downtimes and unnecessary costs**



- Time saving thanks to fast fault detection
- Minimised service costs due to remote diagnosis
- Optimum support thanks to exact recognition of faults
- Live monitoring in real time
- Higher productivity due to minimised downtimes
- Automatic error messages



Partners from around the world congratulated by video message for the anniversary

## Large partner exhibition

EXPERT KNOWLEDGE COMPACTLY SUMMARISED

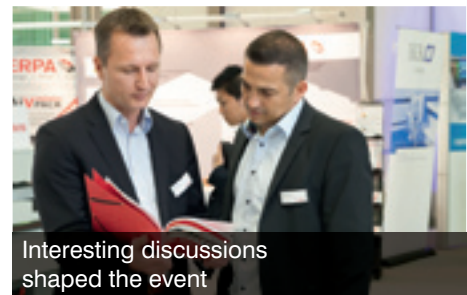
Complementary to the presentation of the eurolaser technology in the Application Centre, numerous renowned partner companies were also present on site. The aim was to provide our visitors with an insight into the topics of production process and process automation. For the very first time we created a completely new exhibition area for our partner companies. It enabled the practical presentation of some upstream and downstream stages of production, related types of application and complementary technologies. The comprehensive offer opened up good starting points for future cooperation and introduced customers to specific expertise from many different industries.







Well-known partners were on-site (Canon)



Interesting discussions shaped the event



A variety of partners presented their expertise



Canon Océ Arizona 480 GT



Bending machine for acrylic (CR Clarke)



## We thank our partners for their support, the interesting specialist presentations and look forward to joint future projects.

### Canon Deutschland GmbH

Canon gave a live demonstration of an Océ Arizona flatbed printer system with UV-hardening inks. Acrylic, PVC and polystyrene lightweight boards were printed amongst others.

### 3A Composites GmbH

The specialist for board material for the area of visual communication answered all our guest's questions competently. SMART-X® and FOREX® were machined live.

### ACI Laser GmbH

The extremely fast marking lasers from ACI are used in a variety of fields. The marking with CO<sub>2</sub> and fibre lasers was demonstrated live for the visitors.

### Evonik Industries AG

Plexiglas makes Evonik one of the largest manufacturers for acrylic worldwide. This material was printed and further machined on-site.

### ULT AG

ULT granted insights into the most recent filter technology for laser systems. The range even includes industrial solutions that are also suitable for plants with ecological certification.

### Bayer MaterialScience AG

Bayer MaterialScience is a worldwide leading supplier of materials. Well known materials suitable for laser machining are Makrofol® or Platon®.

### Erpa Systeme GmbH

Erpa specialises in the development of packaging and displays made from corrugated cardboard, solid board, cardboard or transparent plastic material (PP, PET, PVC).

### CR Clarke

The expert for acrylic processing presented the latest bending machines and provided our visitors with extensive information about all topics regarding the processing of this fascinating material.

### Georg+Otto Friedrich KG

The material '7096FL-PTX-PES-Deko-stoff', which is used mostly for banners and displays, was cut live on our conveyor system. The textile rolls were printed beforehand by MTEX.

### GSI Group Europe GmbH

Synrad is one of the worldwide leading manufacturers of CO<sub>2</sub> laser sources and provides fascinating insights into this technology.

### Eurosystems Sàrl

The software experts from Luxemburg presented their software for optimum use of the laser system.

### IKB Leasing GmbH

Always use the latest technology. Our financial experts provided the visitors with individual insights into current leasing models.

### Regler Druckzentrum

Print products are the passion of the experts at Regler. Our guests were inspired by the brilliant ideas for decorative textile print products.

### Krall Kunststoff-Recycling

The fact that recycling protects the environment is common knowledge. Krall presented the plastic variety which can now be sensibly recycled with the latest technology.

### Riedel Kältetechnik

High quality, energy-efficient cooling units always ensure ideal conditions and optimum cutting results.

### NovoCut®

The specialist for professional CAD/CAM systems presented his solutions for optimum utilisation of space (nesting) when cutting textile materials.

### Lorenscheit Automatisierungstechnik

The company from North Germany captivated the visitors with a flexible and easily adjustable robotic application.



# A family day to mark the opening

TECHNOLOGY, BASEBALL AND A JOURNEY BACK TO THE YEAR 1994



We opened the eurolaser anniversary week on Monday, 08<sup>th</sup> September 2014 with a classical champagne reception - precisely 20 years after the company foundation to the day. Invited were family members of the employees, suppliers and partners from the region. Guests could enjoy a va-

ried programme for all ages complete with coffee and cake. There was face painting, a play corner and a bouncy castle for the younger visitors. eurolaser was supported during this event by the Lüneburger Woodlarks, the local Softball and Baseball Club which had set up a large baseball cage

especially for this anniversary and thus added a sporty touch. And it was not only the children who tested their skills here in the glorious sunshine.



Naturally, visitors were also able to get an impression of the eurolaser technology. Our application team was available for technical queries and demonstrated the possibilities of modern laser technology. A wide range of products are produced on the laser systems, which guests were able to take home afterwards. So, it was not surprising that many visitors went home happy with personally engraved pens, key-rings and pencil boxes made from printed MDF. The set up photo box created great memories of this day.



Matthias Kluczinski opened the anniversary celebrations with very personal words. Together with Holger Hasse, the two of them recounted a few funny stories and anecdotes from the past. The city of Lüneburg also took the opportunity to express its congratulations. Ms Mayoress Baumgarten of Lüneburg thanked us for our commitment in the region and the invitation to the anniversary.



We also took care for the younger guests





There was a diversified programme

## Travel back in time to the year 1994

A special highlight of the entertainment programme was a journey back in time to the year 1994. The drama group 'IKS' from Hamburg also put everyone in a good mood, providing guests with an amusing insight into the beginnings of eurolaser. The company's history was brought to life in this way and made into a vivid and entertaining experience with pictures.



## An emotional present

Of course the eurolaser team also thought of something to express their gratitude to Matthias Kluczinski. The boss was given a voucher for driving a monster truck, which was the right present for him to 'let off steam' for once. Four hours in which one or the other car was flattened. But this was not all. Employees then presented a video created by them in which the eurolaser team, customers and partners worldwide expressed their greetings and good wishes. The uncut version of this video, with numerous funny recordings and out-takes, was also presented. After some of these highly emotional moments, we ended the evening with delicious food and some music. A celebration that will be remembered by all who were present.



Holger Hasse and Matthias Kluczinski



A gift from the staff



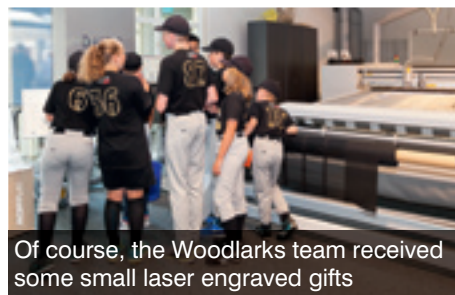


# Lüneburger Woodlarks excited about new jerseys

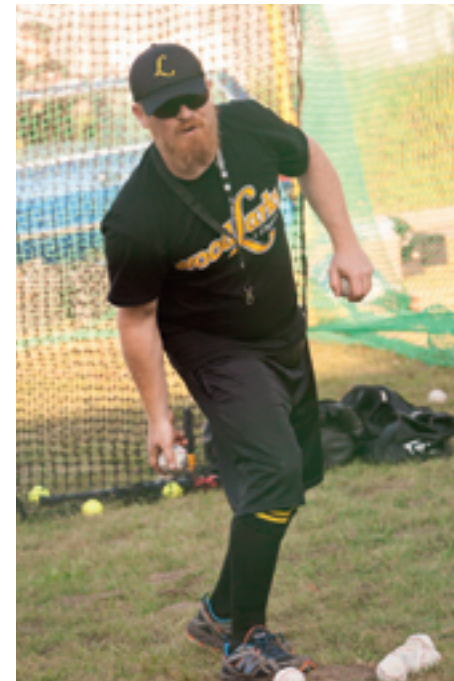
YOUTH TEAM RENEWS SPORTS EQUIPMENT



Handover of the donation check to the Woodlarks youth team



Of course, the Woodlarks team received some small laser engraved gifts



## Sponsoring instead of presents

For this reason, eurolaser has called for a donation for the Woodlarks youth on the occasion of the 20<sup>th</sup> anniversary, and asked for a sponsoring of the club instead of presents. So, we are very pleased that an impressive sum could be raised. The Woodlarks can now put more than 3,830.-EUR to good use! In addition to buying new jerseys, it is planned to renew some pieces of equipment.

We and the entire Woodlarks team thank all guests and partners for this fantastic donation. eurolaser wishes the Woodlarks team great success for all future sporting challenges.

eurolaser regularly supports aid organisations and social commitment in the Lüneburg region in Germany. This year, we have focused on the youth work of a local sports club.

In addition to many typical sports, the programme of the VfL Lüneburg also includes soft- and baseball amongst others. A sport of US-American origin, which so far has been a niche sport and gets far less attention than for example football. Players pursue their hobby week after week under the name Woodlarks, hit balls and run from base to base.

The youth teams of the Lüneburger Woodlarks have three age groups altogether, where young people aged between 5 and 19 years can show off their talent. And not without success! Young talents from Lüneburg have regularly participated in German championships and even international events in previous years.

This illustrates the commitment of the many voluntary trainers and helpers. This voluntary work requires some time and dedication. Those who have been or are actively involved with a sports club know how much work is involved. Despite the serious commitment, the equipment, training grounds and premises must be repaired or renewed from time to time. Not everything can be settled with personal effort, which is why the club relies on financial support.



The team presented their own stand



Baseball enthusiasts could hit a few balls in the cage



# eurolaser - Personalities

## New recruitments

Name	Profession	Start of employment
Paul Bejenariu	(Service Technician)	01.03.2014
Tobias Klein	(Area Sales Manager)	01.03.2014
Per Petersen	(Area Sales Manager)	01.03.2014
Christopher Bold	(Service Technician)	10.03.2014
Deniel Krebs	(Construction/Developement)	01.04.2014
Dimitri Stepanow	(Application Engineer)	01.04.2014
Janina Meyn	(Receptionist)	15.04.2014
Angela Stöver-Krispin	(Technical Documentation)	16.04.2014
Jörg Tobinski	(Production Employee)	01.05.2014
Matthias Winter	(Purchase Manager)	12.05.2014
Hans-Dieter Fischer	(Driver)	01.06.2014
Rolf Bruckmann	(Sales Support)	18.08.2014
Günther Schweitzer	(Warehouse Logistics Employee)	01.09.2014
Susanne Spieth	(Purchase Employee)	15.09.2014

## New trainees

Name	Training course	Start of employment
Laura Capone	(Industrial clerk)	15.08.2014
Karoline Meyer	(Industrial clerk)	15.08.2014
Dimitri Bauser	(Industrial clerk)	15.08.2014
Brian Backhaus	(Industrial clerk)	15.08.2014
Aike Banse	(Mechatronics)	15.08.2014
Connor Meyer	(Mechatronics)	15.08.2014
Alvaro Menke	(Specialist for warehouse logistics)	15.08.2014
Mike Nawrot	(Specialist for warehouse logistics)	15.08.2014
Angelika Jalewski	(Clerk for office management)	15.10.2014

## Anniversaries

Name	Time in company	Start of employment
André Wolsing	5 Years (15.03.14)	15.03.2009
Patrick Rinas	5 Years (01.08.14)	01.08.2009
Udo Weustenhagen	5 Years (01.10.14)	01.10.2009

## Examinations passed

Name	Profession	Date
Wayne Gerth	(Dual course of studies / Industrial clerk)	19.06.14
Andreas Behrendt	(Specialist for warehouse logistics)	27.06.14
Irina Pancuk	(Industrial clerk)	24.06.14
Alana Wenzel	(Industrial clerk)	03.07.14
Anna Simon	(Dual course of studies / Industrial clerk)	31.07.14
Florian Buchholz	(Dual course of studies / Industrial clerk)	31.07.14

## DATES



**C!Print in Lyon (FR)**  
**03. - 05.02.2015**



**Intec in Leipzig (DE)**  
**24. - 27.02.2015**



**texprocess**  
**in Frankfurt (DE)**  
**04. - 07.05.2015**



**FESPA**  
**in Cologne (DE)**  
**18. - 22.05.2015**

**eurolaser**  
Partner for your success.

### Editor:

eurolaser GmbH  
Borsigstraße 18  
21339 Lüneburg  
Deutschland

### Phone

+49 (0) 4131 9697-500

### Fax

+49 (0) 4131 9697-555

### Internet

[www.eurolaser.com](http://www.eurolaser.com)  
[www.eurolaser.tv](http://www.eurolaser.tv)

### E-Mail

[sales@eurolaser.com](mailto:sales@eurolaser.com)



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