



LASERPOINT

The Laser Magazine by eurolaser

20th edition / March 2018

1000TH SYSTEM



1,000-fold partner for your success

Jubilee system installed in Sweden

Certificate: Suitable for laser cutting

Latest material tests carried out by eurolaser

Successful eurolaser customers

National Gummi AB

Proven a thousand times over

Dear Readers, Customers and
Business Partners

I look back on over 23 years of eurolaser with pleasure and with pride. The time came round at last – at the end of the year 2017 we celebrated a very special jubilee. I had the pleasure of visiting our customer National Gummi AB in Halmstad in Sweden last October and congratulating them in person on their newly installed laser system. It was our 1,000th laser system to go into operation. A great feeling! It is you, our customers who have encouraged us to reinvent ourselves and make gainful experience year after year, that I must thank for this moment. Thank you very much for such trust and for allowing us to become the partner for your success for the 1,000th time.



Enjoy reading,
Matthias Kluczinski

1,000-fold partner for your success

JUBILEE SYSTEM INSTALLED IN SWEDEN

National Gummi AB is our jubilee customer and the proud owner of the 1,000th eurolaser-system. We had the pleasure of installing it in Halmstad, Sweden in October 2017. The XL-3200 Conveyor system is the company's second eurolaser product and is used to cut synthetic insulation material from the roll.



We are proud of our 1,000th laser system and pleased with satisfied customers worldwide. We are especially proud of the fact that our very first laser system, serial number 1 from the year 1994, is still

in operation today. This laser system is installed at the company ROZA in Slovakia. Clear proof of the durability of our equipment and of top quality – our basis for a sound partnership.



Installation of the new laser system at National Gummi

National Gummi AB

N National
Rubber & Plastic parts since 1941

WORLD-WIDE EXPERT FOR SOLUTIONS MADE OF PLASTIC AND RUBBER



Claes Rössel, CEO of National Gummi AB

"National Gummi is a supplier for the automotive industry and as such has to meet the high demands typical for this sector. With eurolaser we have found exactly the right partner for all aspects of laser cutting. From the very first cutting trials through to order processing and on to include implementation of the machine in production, eurolaser has always been the professional and reliable contact partner at our side." ■

Since 1941 National Gummi AB has stood for top quality and competence in the processing of plastic and rubber. Customers from many different branches trust in its expertise and rely on National Gummi as a partner for their projects and products.

These customers include well-known companies from the energy and industrial construction sectors, the automotive, maritime and rail industries, mining, large-scale infrastructure projects and furniture manufacturing.

Protection, sealing, damping and insulation

As a supplier of industrial solutions, National Gummi is renowned worldwide as a reliable partner. From small filters and seals to large injection-moulded machine covers made of plastic, National Gummi AB supplies everything customers need for the realisation of their projects.



Packaging of the laser system



Test cuts with the customer material

The decisive factors for National Gummi

- The precision of the cut and the consistent high quality of the cut edges
- The efficiency of the entire system and its simultaneously high degree of flexibility
- Optimum support in the eurolaser Application Lab and on site in Sweden
- Confidence in the sustainable process expertise and experience of eurolaser



National Gummi AB
Halmstad/Sweden
www.national-gummi.se



Certificate: Suitable for laser cutting

LATEST MATERIAL TESTS CARRIED OUT BY EUROLASER

eurolaser has been working together with well-known companies for several years and is extending this collaboration further. Our experts and those of the companies concerned can systematically expand their expertise by exchanging information and improving their customer consulting.

BANOVA® - Laser cutting of light plywood made of balsa veneers



Minimum weight with at the same time high stability – this characterizes the high-quality plywood panels of BANOVA®. The two types BANOVA® PLUS and BANOVA® DIGITAL were tested. Compared to conventional wooden panels, BANOVA® PLUS is up to 70% lighter. It impresses with high thermal insulation, great adhesive properties and naturalness. Typical applications for BANOVA® PLUS are furnitu-

re, interior linings and decorative front panels.

BANOVA® DIGITAL is distinguished by great lightness, stability and flatness. Ink optimally bonds to the wooden surface of the up to 50 mm thick material. Fields of application for BANOVA® DIGITAL are for example: Visual communication, advertising campaigns as well as exhibition stands and shop fitting construction.

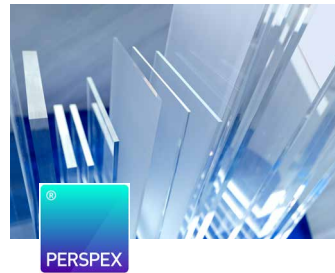
Both materials produced very good results in the laser test and can be excellently machined on our high-end laser systems.



Benefits of cutting BANOVA® with CO₂ lasers:

- Contact-free processing – minimum material waste, no breakage
- Finest details and radius-free inner contours possible
- No chippings – less dirt and effort
- No clamping or fixing of the workpiece necessary
- Burr-free edges – no reworking necessary
- No tool wear
- Available automation functions for optimum production utilization

PERSPEX® CC undergoes laser testing – Laser cutting of acrylic glass



Cast acrylic is the perfect choice when it comes to appearance because of its high transparency, chemical resistance and UV stability. PERSPEX® CC is a continuous cast acrylic sheet. In contrast to the regular acrylic cell-casting process, PERSPEX® CC is produced between two horizontal, highly polished stainless steel belts. The syrup polymerises under constant pressure

into an endless cast sheet as it passes a conveying distance of more than 100 meters. The outcome is conclusive with very low thickness tolerances and excellent optical properties. This makes PERSPEX® CC an ideal alternative for high-quality acrylic sheet products.

eurolaser has taken a closer look at this material. Its properties during laser processing were tested in eurolaser's own application lab.



Advantages of PERSPEX® CC compared to XT:

- Better laser processing performance with insignificant melting lip
- Uniform shrinkage in length and width when heated
- Optimum sheet flatness even in thin thicknesses
- Better resistance against chemical and/or mechanical stresses

PERSPEX® CC is the ideal material for applications which require excellent optical clarity, surface quality and exceptional thickness tolerance.

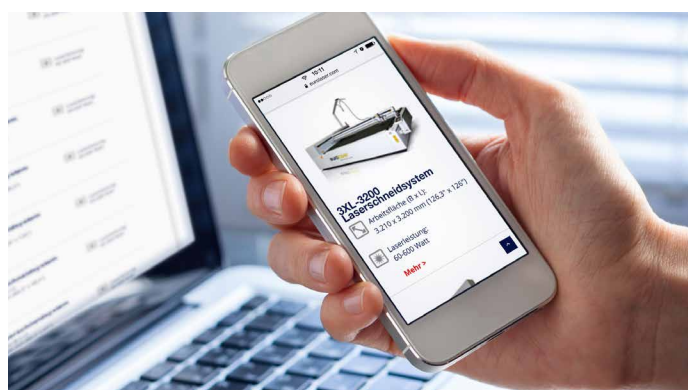
Search for information now made even easier

FIND WHAT YOU NEED WITH THE EUROLASER MOBILE WEBSITE

It is happening more and more often that even complex technical problems need to be solved with the help of a smartphone. The wealth of information on our website can answer a host of questions on the topic of laser cutting. We have now structured our web presence even more

clearly, so you can carry out online searches at eurolaser.com even faster and more successfully. You can now navigate through the site and find what you want far more easily, especially with mobile devices.

Why not try it out right away! ■



eurolaser.tv – new updated version!

OVER 150 VIDEOS AWAIT YOU

We have updated our video database for you. Discover what our technology can do for you in over 150 videos. Keep a clear overview of the videos by sorting them into categories that you

can design to correspond with your own individual key topics of interest. We have optimised the design, functionalities and speed for you. ■

Always an open ear for your needs

YOUR EUROLASER SERVICE TEAM

With now over 1,000 laser systems in operation our tasks are of course steadily increasing. In addition to the extensive organisational support of our team in Lüneburg, our technicians are working for you all over the world to ensure your laser systems are kept in top running condition.

Martin Sinne, Manager Service:

"No matter what the issue - a question about your application, your wish to receive information about the latest technical expansions or the urgent need of an answer with regard to your laser system – we always do our utmost to support you and provide solutions promptly. Together we get to the bottom of the problem and, where necessary, send off one of our service technicians to deal with it as quickly as possible.

We also use your enquiries to help us with the continuous optimisation of our service offer. So we, too, benefit from your experiences that enable us to offer you a consistently improved service. Just give us a call!"



Well-trained personnel for ensuring efficient utilisation of your laser system

By the way: the better your experts are trained, the smoother your laser system will operate. But better utilisation of equipment is not the only reason for your application specialists to take part in the courses offered by the eurolaser ACADEMY. Quite apart from the greater pleasure and motivation for ensuring smooth operation imparted to the participants in our seminars, they also take away with them new suggestions, tips and process improvements at the end of our courses.

If you notice a build-up of questions in your company, one of our seminars might well prove a decisive upgrade for the efficient utilisation of our laser systems. We know from experience that regular staff training very quickly pays off. We offer courses both on-site at your premises as well as via the ACADEMY programme here in Lüneburg. We also report on the key topics covered in our tutorials in our regular newsletter LASER today.

We would be glad to take up any suggestions you may have or to develop an individual training course for you. Just ask us!

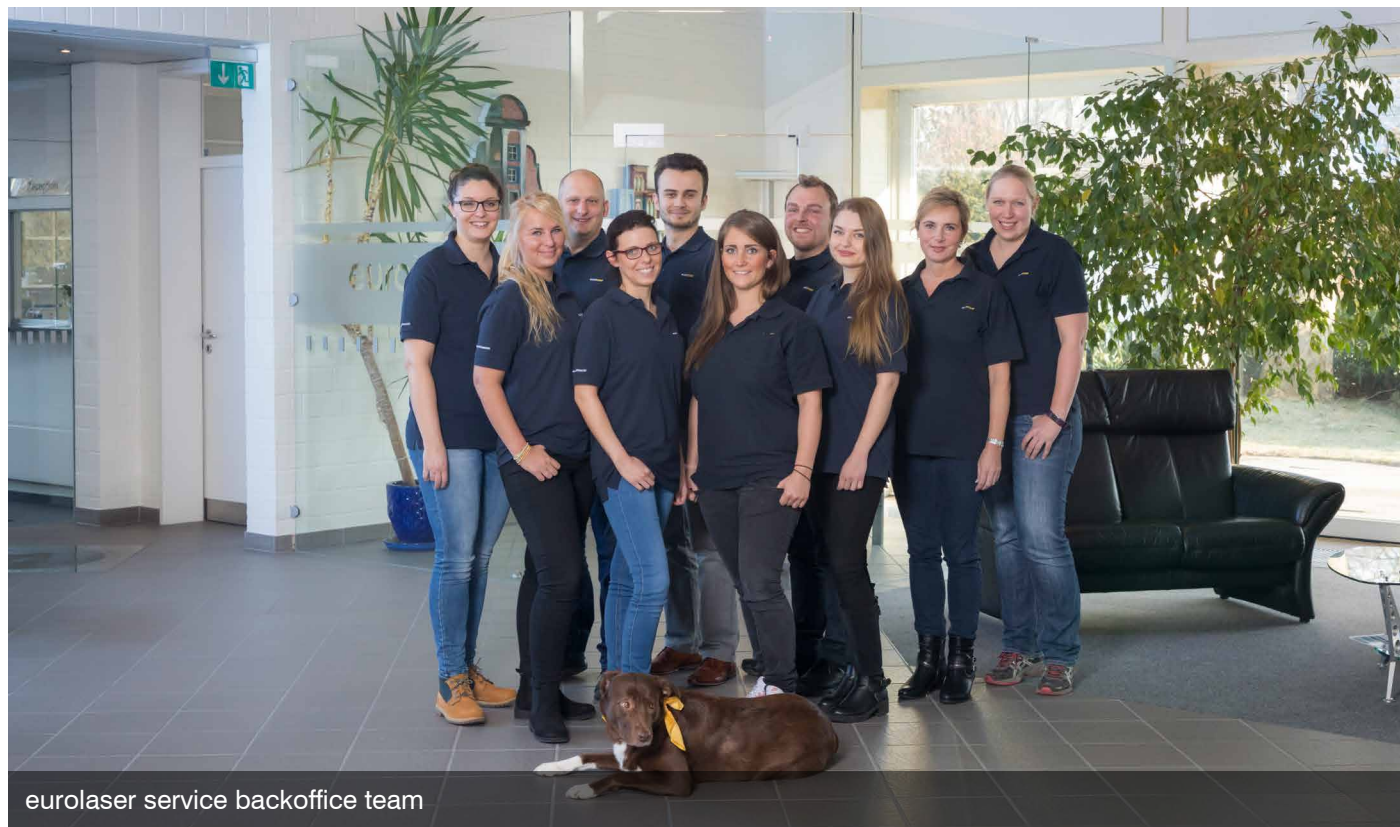
Our service offer for your success

Our wide range of services support you in ensuring long-term efficient utilisation of your laser systems

- **System maintenance and safety check**
- **Spare part packages for fast on-site help in emergencies**
- **Software updates and additional software modules**
- **Targeted technical updates or upgrades (e.g. laser, options etc.)**
- **Extended laser service package – all-round carefree package**
- **Fast support via our support hotline**
- **Extended warranties**
- **Dismounting and reassembly in the event of a move**
- **and lots, lots more...**

For more information please contact our service team directly

Tel: +49 (0)4131 9697-400
Fax: +49 (0)4131 9697-444
Email: service@eurolaser.com
or visit our website:
www.eurolaser.com/customer-service/



Ink Marker Module

THE NEW EXTRA OPTION THAT CAN BE RETROFITTED - IS NOW AVAILABLE



The Ink Marker Module is also available as a complete retrofit kit

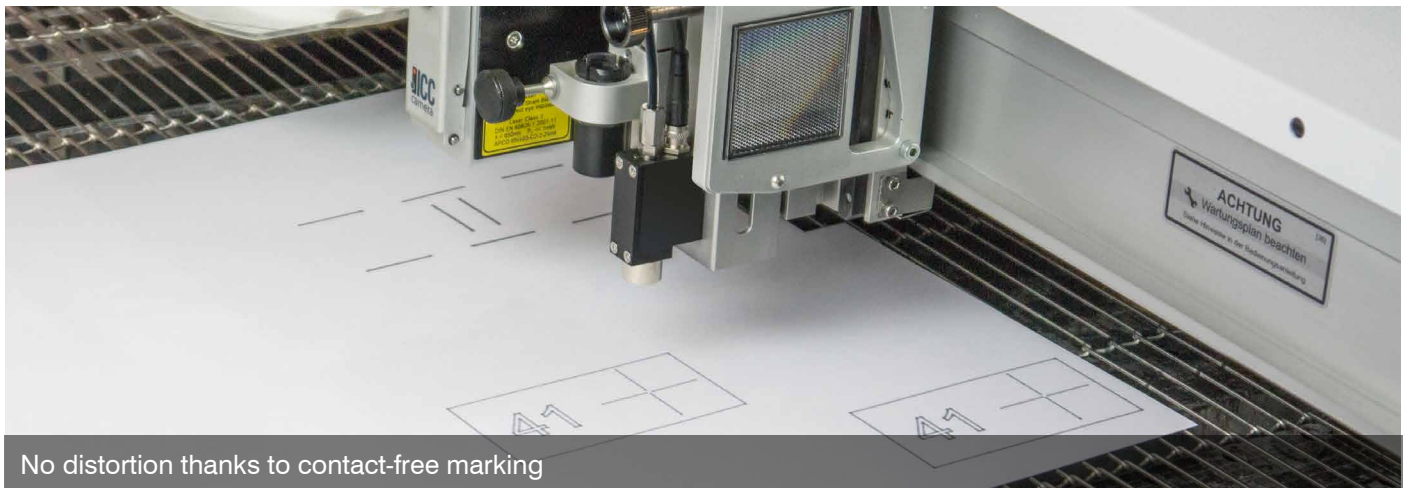
The Ink Marker Module for contact-free ink jet marking is ideal for sewing marks and simple markings, which is why it is used mainly for processing textiles. Fast drying ink ensures a trouble-free subsequent downstream process.

To facilitate the further processing of textile cuts, it is often necessary to mark the individual parts. The Ink Marker Module is an indispensable extra especially where sewing marks for textile processing are concerned. Individual parts can be prepared for subsequent processing

steps with the Ink Marker, making downstream machining far simpler. Laser cutting and ink marking can be carried out in a single operation with no need for a tool changeover. The Ink Marker is now available for our cutting systems as an upgradable option – find out more! ■

Your advantages at a glance:

- No distortion thanks to contact-free marking
- Quick drying ink, indelible
- High degree of marking accuracy
- Faster than using plotter pens
- Longer lifetime than felt pens
- Different inks / colours can be used
- Complete retrofit kit available



No distortion thanks to contact-free marking

Ink Printer Module

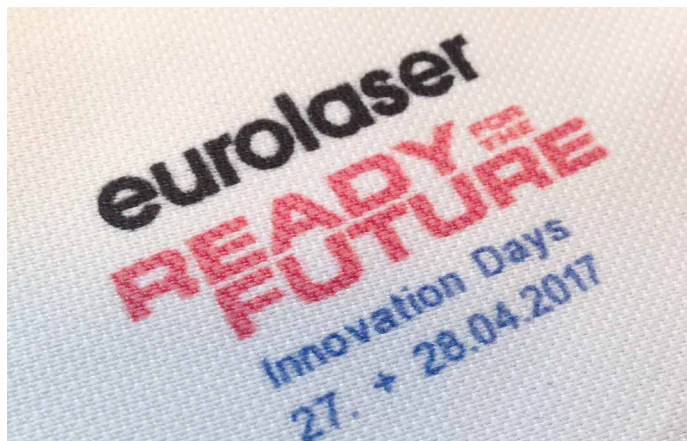
NOW EVEN FASTER AND MORE FLEXIBLE WITH UP TO THREE PRINT HEADS

Boost your efficiency with our new Ink Printer Module 3. Letter your workpieces or labels directly with up to three print heads in parallel. An advantage of the larger print area is that up to three different colours can be used simul-

taneously. Letter your workpieces or applied labels directly. Its high resolution enables the printing of the finest lettering and graphics, e.g. for article numbers, dates, logos or barcodes. ■

Your benefits at a glance:

- Contact-free printing or marking
- Choice of inks for different surfaces
- Use of different colour cartridges
- Ultra-fast drying
- Compatible with low-cost standard colour cartridges (e.g. HP)
- Lower ink consumption
- Very high wipe and wear resistance
- Sharp printed images with up to 600 dpi, even at high speeds
- High contrast printing, optimised for camera control systems
- Minimum cleaning required, print heads do not come into contact with the coloured ink
- Can be combined ideally with our Label Module labelling system



No distortion thanks to contact-free marking



Fine product markings
(e.g. serial numbers, date and barcodes)



The Ink Printer Module is compatible with low-cost standard colour cartridges (e.g. HP)

Donation for a good cause

EUROLASER SUPPORTS REGIONAL CHILDREN'S DAY CARE CENTRE

Social commitment is something that concerns us all and companies in particular can make a great contribution by supporting charitable projects. eurolaser has always been committed to the training and advanced training of young people, a fact that is reflected in our many trainee positions and high retention rate.

However, this topic is not only important for us internally. For several years now we have stopped sending Christmas cards and presents to our customers, suppliers and partners, preferring to use this money to support regional and social projects.

The well-being of young children is a particular concern of ours. That is why we have chosen to support the children's day care centre Regenbogen (Rainbow) this year – both a regular children's day care centre and one for children with special needs. The children's day care centre Regenbogen has set itself the task of caring for every child lovingly, regardless of origin and physical disabilities. Under the motto „Where kids can be kids...“ a team of 34 provides all-day care of over 50 children aged between one and eight. In addition to day care the Regenbogen centre also has several therapeutic

offers, such as ergo, physio and speech therapy. It is a matter of course in the centre that children with and without special needs are cared for together - an approach that greatly promotes integration. As a result the children very quickly learn mutual acceptance, support and unconditional togetherness. Values of vital importance in later life.

A collection of bi-lingual books has been procured in order to bring great pleasure especially for children from a migrant background. Children and parents can borrow these books and take them home. This programme is very popular in the centre, but there not enough books at the moment, so new books are needed. We are very pleased to be able to promote the bi-lingual education in the children's day care centre with our donation of Euro 1,000. ■



A big thank you Jörg

FOR A DECADE OF FAITHFUL AND COMMITTED COOPERATION!



Anyone acquainted with Jörg Trapp knows full well why his contribution to the company has proved so valuable. He concentrated all his efforts on the service of our customers in his own very personal and inimitable manner. He also placed great importance on consultations combined with a collaboration based on trust and partnership. Jörg left the company on 1. August 2017 after almost 10 years at eurolaser, and is now enjoying an active retirement. Jörg treated his colleagues to a great farewell surprise at

the eurolaser summer party by organising a live band for us. The staff were absolutely thrilled, just one more proof of the solidarity and mutual esteem that prevails within the eurolaser team.

Jörg Trapp's words to our readers:

"I would like to take this opportunity to say thank you to everyone for such pleasant cooperation and for the confidence placed in me. I always enjoyed dealing with all your questions concerning laser technology and working together with you in the search for cost-efficient solutions. My colleagues from the eurolaser team will of course continue to support you with advice and assistance." ■

eurolaser - Personalities

New recruitments

Name	Profession	Start of employment
Stephan Voßmüller	Manager Project Management	01.01.2017
Heike Fricke	Assistant Sales Department	01.07.2017
Maximilian Pudlo	Coordinator Marketing Department	16.08.2017
Markus Welb	Manager Sales Department	01.09.2017
Miroslav Jurisic	Technician Service Department	27.11.2017
Henning Adam	Coordinator Purchase Department	15.01.2018
Andre Lübberstedt	Field Representative Germany	
	Sales Department	01.01.2018
Samir Andar	Representative Service Department	01.01.2018
Alexander Wente	Manager Product Management	15.01.2018
Laura Sophie Winkel	Housekeeper Back-Office	23.01.2018
Christoph Arning	Technician Application Department	13.02.2018

Anniversaries

Name		Start of employment
Sven Mohr	20 Years	01.03.1998
Lynn Engler	15 Years	01.08.2002
Ibrahim Bayour	10 Years	07.11.2007
Alexander Gavran	5 Years	15.08.2012
Timo Jaretzke	5 Years	15.08.2012
Irina Pancuk	5 Years	15.08.2012
Alana Wenzel	5 Years	09.10.2012
Meike Johannsen	5 Years	01.11.2012
Sabrina Schürmann	5 Years	16.11.2012

New trainees

Name	Training course	Start of employment
Nico Fricke	Mechatronics	01.08.2017

Examinations passed

Name	Profession	Date
Angelika Lajewski	Clerk for office management	14.06.2017

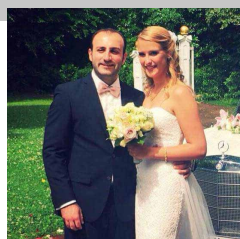
Birth

Name	Date
Melina Constabel	09.05.2017
Josie Baginski	22.05.2017
Theo Ristock	05.10.2017



Wedding

Name	Date
Kim and Ibrahim Bayour	16.06.2017



Kim und Ibrahim Bayour

DATES



FESPA (DE)
15.-18.05.18
Berlin
Halle 1.1/C53



Fakuma (DE)
16.-20.10.18
Friedrichshafen

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