

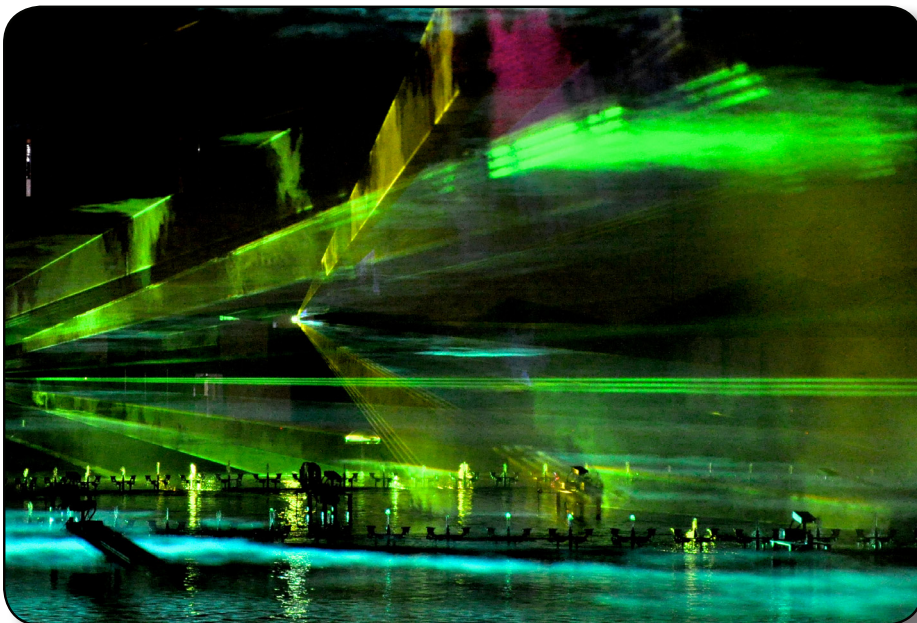


GERMANY

EXCELLENCE IN LASER AND MEDIATECHNOLOGY

**Laser & interactive multimedia-systems, special-effects & turnkey solutions
worldwide reference @ www.hb-laser.com**

HB-Laser combines creativity, design and practical realisation in one company in an inimitable way. Since 1990, HB-Laser has achieved a good reputation and persuades with sophisticated products and installations in the laser and multimedia branch. Worldwide, HB-Laser has got a leadership role due to 20 years of experience, permanent highest quality and innovative ideas. The constant motivation by impressed customers and the continued pursuit of perfection do consistently create new ideas which set standards in this branch. A team of engineers from different fields like optoelectronics, electronics, fine mechanics and mechatronics which has more than 20 years of experience in the multimedia branch is available for established developments and designs. At HB-Laser all engineers for development are directly involved in the creative show production; from the software development to the fabrication of the show; thus they can achieve optimal results. Meanwhile, the planning of stages, museum and leisure parks to the point of artistic lighting design of industrial and visitor centers belong to the business segment of HB-Laser.



Certified Quality

**DIN ISO 9001 : 2008,
Coherent, Jenoptik
Casio & Pangolin**

Awarded

**More than 32 national
and international
awards for products,
installations and shows.**

No.: 1

**reseller for Pangolin
lasersoftware
worldwide**

NEW WEB SHOP

<http://shop.hb-laser.com/>

**HB-Laserkomponenten GmbH
Heldenbergstr. 26
73529 Schwaebisch Gmuend
Germany**

**Tel.: +49 7171 104692 0
Fax. +49 7171 104692 200
Email: info@hb-laser.com
Web: www.hb-laser.com**



Some References:

4 / 2008 Olympic-park, Beijing, China

Multimedia-installation in the Olympic park in Beijing, China.

• Technology installed:

1 x LightCube NexGen 13 W RGB and Titan-controller, Air-conditioned Laser outdoor Box, together with a big water-fountain and HydroScreen installation, Turnkey system incl. show programming and after sales service.

2009-2011 Costa Cruises, Italy 4 Ships

HB-Laser has installed multimedia technology on Costa Cruises' Costa Luminosa, Costa Pacifica, Costa Deliciosa and Costa Favolosa.

Systems and services provided to these ships include:

• Technology installed per Ship:

2 x LightCube NexGen 5 W RGB

2 x LightCube NexGen 1,2 W green

Networking Titan-controller,

turnkey systems,

incl. show programming and after sales service

09 / 2009 IAA Mercedes Benz Exhibition

360° Projection on the whole 5.550 m² ceiling from Hall 1

• Technology installed: LightCube 3 x 15 W RGB with 80° glass-fibre projectors.

2010 - 2011 Iran, Holy Defense Museum, with our Partner Xarrin Technologies

This project was realized with HB-Laser's partner Xarrin Technologies from Iran. This permanent outdoor laser-attraction and multimedia water installation was realized at the Holy Defense Museum in Teheran 2010. It combines a high-end laser show with video projectors, flame projectors and about 100 water fountain projections. The show is based on the Iran/ Iraq war. In May 2011 HB-Laser also built 46 laser systems for the indoor area of the museum for the project with their long-term partner Xarrin Technologies. The museum and memorial wall in the indoor area was built to honor the death of more than 240.000 soldiers of this war who sacrificed their lives to protect their country.

• Technology installed: (2010 Outdoor):

2x LightCube NexGen OPSL 13 W RYGB, 2x LightCube NexGen OPSL 10 W YGB, 1x LightCube NexGen OPSL 32 W green, 2x PinScan 360° moving head Laser projectors, 1x Neptun HydroShield 20x50m, 15x DMX flame projectors 15m high, ring of 100 DMX-controlled Water fountains 15m high, 40 kW PR line-array Sound system, 20s 1200 W HMI JB Vary-scan V7 intelligent light, 2x Sanyo XF47 16.000 ansi Video projectors + Networking Titan5 multimedia-controller, air-conditioned control room, air-conditioned laser outdoor boxes, turnkey ready system incl. show programming and after sales service.

• Technology installed: (2011 Indoor):

46 Lightcube NexGen Professional 3.5 W RGB,
2 x Titan Professional, 48 Pangolin boards linked
together through QM 2000.net solution.

12 / 2010 Andy Lau, Hong Kong 2010 "Unforgettable Concert"

• Technology installed:

2x LightCube NexGen 15 W RGB, 2x stage mirror-system for laser artist, networking Titan-controller, turnkey system incl. show programming and after sales service.

12 / 2010 Mega LED, China, Tour System

• Technology installed:

3x LightCube NexGen 15 W RGB, Networking Titan-controller, turnkey System.

12 / 2010 Castle Tüßling, Outdoor

Projection on the whole front of the Castle.

Multimedia Facade-Projection on the front of Castle Tüßling for the Christmas market 2010

• Technology installed:

2x LightCube 15W RGB Systems, 2x LightCube 8W RGB Systems, 15 kW PR Sound system, 2 Sanyo XF47 16.000 ansi Video projectors + Networking Titan5 Multimedia-controller, Titan5-controller with special 3D V4 Software for geometric correction, incl. show programming and technical operator service.

