



## LASER World of PHOTONICS INDIA 2015 to showcase latest laser technologies that are taking the lead in auto manufacturing

**LASER World of PHOTONICS INDIA is coming up with its 4th edition from 09-11 September 2015 in Delhi.** The trade fair is an important gateway for the growth and use of lasers and photonics in the different application industries in India.

The use of lasers in automotive manufacturing has increased dramatically over recent years. About 15% of all industrial processing lasers are installed in production. Traditionally, the adoption of lasers by the automotive industry has been linked to new applications. Today, new solid-state laser technologies are evolving at an unprecedented pace. Although, the lasers are devoted mainly to cutting applications, a significant and growing proportion of lasers are being applied to welding. In industrial production, the advantages of the laser welding process have been established compared to alternatives such as electron beam welding. This is due mainly to the high productivity and small amount of down-time compared to vacuum based systems and the subsequent reduced manufacturing costs.

Automotive manufacturers utilize the advantages of laser cutting, such as the high quality of cutting edges, the low heat input into the material as well as the high processing speeds when working with a variety of work pieces around the car. Besides a multitude of metals also materials such as airbag cloth and composites for interior room parts are cut with the laser. Owing to the good possibility of automation, also complex work piece geometries and various cutting edges can be easily generated.

“Laser technology is becoming the need of the day in manufacturing industries due to its several advantages. The main advantage of laser process is that, it offers faster and better results compared to existing conventional processes, thereby reducing the cost per part. Hence, conventional applications are being replaced with lasers in various industries like automotive, electronics, precision engineering, tool and mold making, medical technology, furniture and more. The LASER World of PHOTONICS INDIA provides an opportunity for pioneers like TRUMPF to present to its customers the wide spectrum of well-defined lasers that suit different processes – whether it is 2D or 3D laser cutting / Laser welding / Laser marking / Laser metal deposition” said **Mr. Hidayath Mohammed, TRUMPF, National Sales Manager – Laser Division.**

**LASER World of PHOTONICS INDIA presents more than 120 companies** like TRUMPF, Han's Laser, IPG Photonics, Sahajanand Laser, which will offer solutions across automotive and other industries.

“Today, lasers and photonics impact almost every aspect of our life. Lasers presumably will continue to play a major role in all the technologies. As LASER World of PHOTONICS INDIA is the only show in its segment, we strive to match up to the expectations of our visitors coming from all across the user industries. It serves as an excellent platform to witness new technologies, connect with the industry experts, gain knowledge and benefit from them” said **Bhupinder Singh, CMO and Member of the Management Board, MMI India.**

LASER World of PHOTONICS INDIA will also witness many accompanying programs which give further insights in laser solutions for the automotive industry. The International conference on **“Application of Lasers in Manufacturing 2015” (CALM 2015)** organised by the International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) covers all aspects of laser processing of materials and addresses professionals looking for new technology developments in micromachining, cladding, hardening, welding, cutting, drilling and repair & refurbishment. The conference on **“Smart Automation for SMEs”** with the Automation Industry Association (AIA) showcases how SMEs can bridge quality gaps, sustain long lived performance, master the skills needed to absorb required levels of Industrial Automation and become partners in global supply chains.

This and other press releases: [here](#)

Photos and logos LASER World of PHOTONICS INDIA: [here](#)

More information on LASER World of PHOTONICS INDIA: [here](#)

### **About MMI India**

As part of its international strategy, Messe Muenchen founded its own affiliated company in India with a registered office in Mumbai, in September 2007. MMI India Pvt. Ltd. has been founded to provide Messe München with timely and competent organisational support for its increasing involvement in India.

With 10 subsidiaries in Europe and in Asia - and over 60 foreign representatives covering more than 100 countries, MMI has a network that spans the globe.

### **LASER WORLD of PHOTONICS worldwide**

LASER World of PHOTONICS INDIA is a part of the worldwide LASER World of PHOTONICS network, including LASER World of PHOTONICS in Munich and LASER World of PHOTONICS CHINA, which takes place in Shanghai each March.

With a total of 2,045 exhibitors and more than 78,200 visitors in Munich, China and India, Messe Muenchen International is the world's leading trade show organizer for lasers and photonics.

### **About LASER World of PHOTONICS INDIA**

LASER World of PHOTONICS INDIA is a regional trade fair for laser and photonics in India, taking place every year since 2012, in different places in India. It intends to boost growth of the Indian laser industry by focusing on the industry's leading technologies. More information at: <http://www.world-of-photonics-india.com/>

### **About LASER World of PHOTONICS CHINA**

LASER World of PHOTONICS CHINA is the leading regional trade fair for optical technologies in China. It takes place in Shanghai each March and is collocated with electronica China & productronica China. In 2015 the trade fair recorded 40,291 visitors and 715 exhibitors. The next LASER World of PHOTONICS CHINA will take place March 15- 17, 2016. More information at: [www.world-of-photonics-china.com](http://www.world-of-photonics-china.com)

### **About LASER World of PHOTONICS in Munich**

Messe Muenchen International has staged LASER World of PHOTONICS every two years since 1973. The World of Photonics Congress takes place in parallel, the largest Photonics Congress in Europe with the active involvement of the world's leading organisations. In 2015 the trade fair recorded 31,279 visitors and 1,127 exhibitors. The next LASER World of PHOTONICS in Munich will take place June 26-29, 2017. More information at: <http://www.world-of-photonics.com/index-2.html>

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