

LEAN WORKSHOP
GROUP

INVITATION

THE LEAN WORKSHOPS

Find out how a lean organisation can continually reduce waste in their manufacturing and logistics processes. See at first hand examples of process improvement being adopted and Industry 4.0 based technologies at work. Learn how all of this can lead to higher quality and efficiency, at these free of charge practical workshops with live demonstrations.

INDUSTRY 4.0

Next event is hosted at:

141 Park Drive
Milton Park
Oxfordshire
OX14 4RY



Rexroth
Bosch Group

SICK
Sensor Intelligence.


Spitfire

 **WERMA**

K.HARTWALL
Logistics Efficiency through Innovation

ORGATEX

BOSCH
Production Tools

iCart


LEAN WORKSHOP GROUP

The Lean Workshop Group invites you to a free seminar to experience the application of Lean Principles via an interactive workshop utilising our unique Lean Manufacturing and Training installations and how these align with the very latest Industry 4.0 thinking.

A consortium of eight of the most innovative suppliers to the manufacturing sector make up The Lean Workshop Group: Bosch Rexroth, Spitfire, SICK UK, Orgatex, Bosch Power Tools, iCart, WERMA Signaltechnik and K. Hartwall.

Rexroth
Bosch Group

Bosch Rexroth addresses the lean principles of Material Supply, Material Transfer and Ergonomic Workstations through our Manual Production Systems and Assembly Technologies. We then provide cutting edge, cost efficient Industry 4.0 solutions for collecting and visualising live production data through customer tailored Tightening Solutions, Operator Guidance System and ActiveCockpit.



Spitfire

Spitfire is a consultancy that provides structure, support, and capability to clients worldwide. Our delivery approach are built around six key capabilities: Strategy, leadership, training, coaching, operations and digital.

SICK

Sensor Intelligence.

SICK factory automation and identification sensors support the Lean manufacturing process with correct part selection using pick to light sensors, product and work identification by barcode readers and quality checking using vision sensors.

K.HARTWALL
Logistics Efficiency through Innovation

The **K. Hartwall** Lean Dolly & Adaptor Pallet unit improves work flow, reduces handling costs, enables stock level reduction , improves ergonomics and optimises vehicle fill.

ORGATEX

ORGATEX provides innovative and effective Lean Visual Management Tools and Solutions to manufacturing and service organisations applying Lean principles and processes.

BOSCH
Production Tools

Bosch production tools address the final principle within Lean manufacturing. Our cordless and electric tools are ever present in modern day manufacturing due to our high quality, reliability and low energy focus.



The **iCart** has recently been developed to meet modern day production requirements. It is a low cost user friendly automated materials delivery system suited to distributing products to/from a variety of locations including warehouse applications.

WERMA

WERMA Signaltechnik is one of the world's leading manufacturers of Andon Light systems, Beacons and Sounders. Their visual management systems play an essential part in creating transparency in the operation, optimising processes and eliminate wastage on the shop-floor.



The Group has created a series of demonstration installations for the seminars which will explain how Lean Manufacturing & Training is implemented, and how they are compliant with Industry 4.0 principals. The event will demonstrate how it can help companies to improve their efficiency, competitive position and profitability.

The full size manufacturing and logistics training equipment embody the latest developments in Lean Manufacturing and Industry 4.0 technology using the latest equipment from Lean Workshop Group member companies. These products are shown in a wide range of applications to demonstrate how effectively Lean Manufacturing handles present-day requirements in manufacturing and logistics operations. The event includes practical and interactive sessions during which the delegates will use the equipment to put into practice Lean and Industry 4.0 techniques. There is also ample opportunity for delegates to discuss their own specific problems and requirements with the group partners.

Topics typically covered include: Visual Management, 5S (Workplace Organisation), Standard Operation Development, Work Content and Workplace Design, Logistics Operations, KANBAN Systems, ANDON, Intelligent Sensor Technology, Fundamental Skills Training, Cordless Power tools, Automated Guidance Vehicles (AGV's), Industry 4.0 Applications.

Free of charge and open to all interested parties, more information about the programme can be found on the Lean Workshop Group website at www.leanworkshopgroup.com

Workshop Agenda

- Welcome and introduction to the Lean Workshop Group, Lean Manufacturing and Industry 4.0.
- We then move to the live demonstration area where you will see the theory put into practice with 3 key themed installations, as follows:

Manufacturing Cell

Logistics Operations Area

Fundamental Skills Training

- Finally, we will summarise the benefits of Lean, followed by a question and answer session. You will then have time for further discussion with members of the Group.

The workshop starts at 10.00am and ends at 15.30pm.



BOOK
your place
now



REGISTER



Although these seminars are free, we ask you to pre-book your place as numbers are limited - to ensure that we can offer you the best experience on the day.

Ways to Book

Using this form, email back to: info@leanworkshopgroup.com
or phone Sally Barton on: 01285 863061
or online at: www.leanworkshopgroup.com

Please book a place for me on:

- Wednesday 4th July 2018
- Thursday 5th July 2018
(Starts 10.00am and ends 15.30pm)

Workshop venue:

141 Park Drive
Milton Park
Oxfordshire
OX14 4RY

Name: _____
Job Title: _____
Company: _____
Address: _____
Phone: _____
Email: _____
Comments/ _____
2nd attendee _____

Please tell us which company invited you to this event: _____

