

COMMENT/CONTENTS

We have a reader offer for you this month.

For years I've been waxing lyrical about the benefits of a properly implemented MRP/ERP system. Now I'm not for a minute saying that this type of software is an absolute 'must have' for manufacturing businesses; what I am saying however is that it can really help companies run more efficiently. So what's not to like?

Manufacturing companies are fundamentally a convergence of different disciplines coming together under one roof (or several roofs in some cases), and apart from some deviations from the norm, all manufacturers are essentially the same operationally.

It usually starts with a quotation, then (hopefully) an order and then a whole myriad of processes that combine to make the finished product. This will include order entry, stock control, purchasing, scheduling, production, despatch, invoicing and a whole host of other stuff like human resources, quality system management and accounting.

Wouldn't it be great if you could have a software system that could link all of the above together? Manufacturing is becoming more data driven but it all begins in-house.

The downside of not having a system in place is that you get miscommunication and often duplication of effort.

The synergy between departments that is so



vital for the smooth running of the business is often compromised. It certainly isn't optimised.

So when Martin Bailey, marketing manager at ERP/MRP software developer 123 Insight asked me to write the foreword for his new book 'How to implement a Manufacturing System', I was delighted to do so.

And that's because I believe in the concept. Anything that helps manufacturing businesses run more efficiently is good news in my book (excuse the pun). Having the right machines, equipment and people is absolutely essential of course and I'm certainly not undermining the importance of investing regularly in new equipment, but a decent system underpinning everything and linking it all together in perfect harmony makes sound business sense in my opinion.

Martin has obvious loyalties to 123 Insight but the book is written in such a way that it could apply to any of the excellent ERP/MRP systems available in the marketplace. It's well-written, easy to understand and extremely informative; it'll be valuable whatever software you decide to go with.

To coincide with the launch of 'How to implement a Manufacturing System' we're giving away 20 free copies of the book to PES readers.

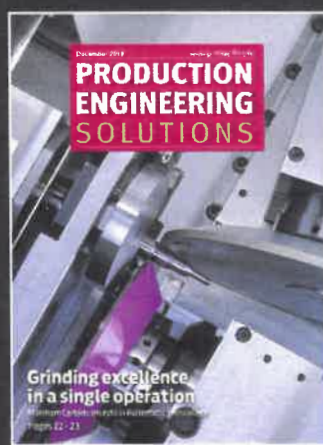
All you need to do is enter your details via this link: www.123insight.com/pesmag/. See page 9 for more details.

Dave Tudor
Editorial Director

Cover story

Located in Holmfirth, West Yorkshire, Meltham Carbide Precision is one of the first UK companies to invest in a new Rollomatic CNC peel grinding machine. As PES learns, one of the major benefits is the ability to run lights out production reliably, safely and efficiently.

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Farnborough, UK
11-13 February 2020

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Control
Stuttgart, Germany
5-8 May 2020

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Düsseldorf, Germany
10-13 March 2020

June 2020
SUBCON
NEC, Birmingham, UK
9-11 June 2020

April 2020
MACH
NEC, Birmingham, UK
20-24 April 2020

July 2020
Made in the Midlands
Ricoh, Coventry, UK
1 July 2020

For more details on these and other events go to www.pesmedia.com

5G to boost global manufacturing by £545 billion

The global manufacturing sector will receive a £545 billion boost in 10 years by applying 5G internet technology, according to new research.

The report published by Huawei and consulting firm STL Partners outlines how the new generation of connectivity can grow manufacturing GDP by 4%.

5G will both reduce costs and unlock new income streams for manufacturing, making it easier to monitor and analyse production in real-time using far more data than has ever been possible before.

This will help factories and production lines reduce machine downtime, cut down on wasted resources and minimise defective output. It can also help reduce the skills gap and improve health and safety.

The report challenges the manufacturing industry to build an understanding of 5G and its benefits, input into the development of common standards and regulation and look for ways to collaborate with telecoms operators.

The report concludes: "We have demonstrated that 5G has unique capabilities that can be leveraged by the manufacturing industry to introduce new use cases and ultimately help the sector increase productivity and improve efficiencies, as well as transform business models more fundamentally."

"However, for the manufacturing industry to take advantage of the benefits of 5G, it will need to take an active role to make sure that 5G evolves quickly to include technological advancements that will support new use cases (i.e. those that require ultra-reliable low latency) and be deployed in (remote) areas close to manufacturing hubs."

Victor Zhang, senior vice president at Huawei said: "In a world where we are seeing economic slowdown and manufacturing in many regions facing significant challenges, 5G provides great opportunities to transform this important sector."

"But if we are to maximise this chance, we have to act quickly. That means the industry working with governments and regulators to push ahead with the rollout of 5G for the benefit of our economies."

"5G represents a \$740 billion boom for our manufacturing sector. We stand ready to work with industry to make it happen."

New 5G mobile technologies are set to create an extra \$1.4 trillion in GDP for worldwide economies over the next decade, according to the research.

■ Huawei
www.huawei.com

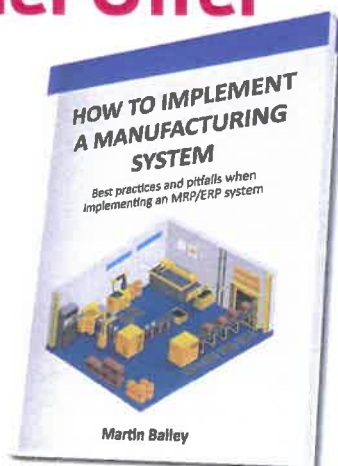
PES Reader Offer

To coincide with the launch of its book – 'How to Implement a Manufacturing System' 123 Insight is giving away 20 free copies to PES readers.

With a foreword by PES' Editorial Director Dave Tudor, this is the ninth book from 123 Insight's Martin Bailey and it's an invaluable reference point for any manufacturing companies pondering the merits of installing a production control software system to help run their businesses more efficiently.

The principles discussed in the publication are generic to any MRP/ERP system and are intended to arm readers with the required knowledge to make informed choices for themselves. Indeed there are a number of excellent production control/ERP/MRP software products available in the marketplace and this book will help demystify fact from fiction.

The official launch date was 13th November 2019. Priced at £6.99, the book is available from Amazon and all major book retailers – but 20 PES readers can secure their copy free of charge.



All you need to do is enter your details via the link below. Twenty submissions will be picked at random and will receive a copy in the post. The closing date is 31st January 2020.

In the interest of transparency, please be advised that entrants may be contacted by 123 Insight and invited to attend a free, local, no-obligation Evaluation Workshop, where they can also pick up a free copy of the book.

■ 123 Insight
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