

TPM



Our clients have ranged from large blue chip corporates to innovative and exciting SME's predominantly in the manufacturing sector.

They have all sought to reduce lead time, increase profitability, increase throughput, improve customer service, and develop reliable capability.

We have always delivered agreed outcomes, often exceeding agreed



targets, whilst imparting good understanding with the members of the project teams we have worked with.

Our preferred style of working is in collaboration with the client's staff, and to mentor senior management to become proactive in driving more improvements.

If you want to improve your manufacturing performance, check out our web site, then give us a call for an impartial view on your potential improvements.



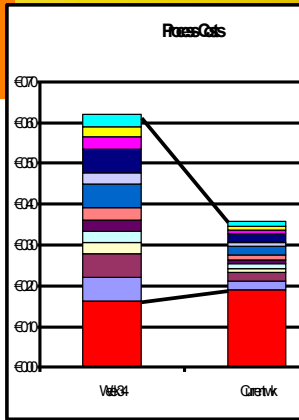
• PREVIOUS CLIENTS

- Philips TMC
- Honeywell (Motherwell)
- Terrain
- Gent
- Caradon Bathrooms
- Caradon Doors & Windows
- Stelrad
- Ideal Boilers
- Everest
- Pfizer Climo (France)
- BICC Citec
- MK Electrical
- Friedland
- Catnic
- Victor Products
- Garador
- Celluform
- 3M Atherstone
- 3M Newton Aycliffe
- Home Insulations
- PRCS (Pye)
- Schneider (Switzerland)
- JE Hartley
- Honeywell (Holland)
- Schott Fibre Optics
- Lucas Aerospace
- Tullis Russell
- Baxter Edwards (US)
- Deknatel (Germany)
- Trend Control Systems
- Mira Showers
- BICC Vero
- Plessey Radar



Automotive Components

Applying TPM principles we were able to increase productivity by 500% and reduce typical assembled processing costs by 60% over 6 months. Scrap was reduced by approximately 75% over the same period.



White Goods Manufacturing

Applying lean manufacturing to the manufacture of white goods reduced manufacturing lead time from 26 to 4 days, and gave an assembly lead time of around 1 hour. Delivery performance improved from 83% to 96% whilst finished goods stock was reduced by 95%.



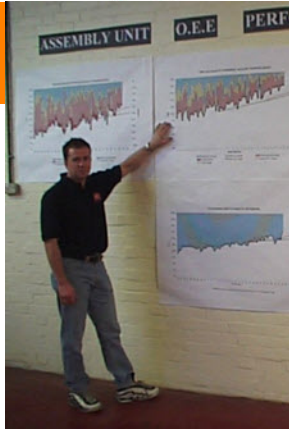
Frozen Vegetables

A family run, privately owned frozen vegetable operation was looking for a vehicle to base their desired business improvement ambitions on. After some research they chose TPM++ to mentor their senior operations personnel. The result was almost double output in 12 months at no cost



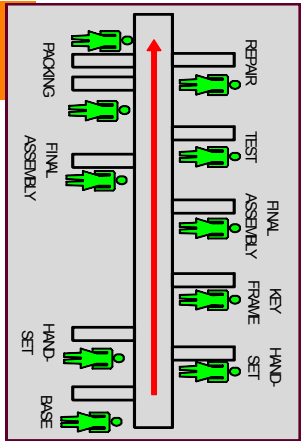
Electrcal Product Assembly

New automated assembly equipment proved difficult to put into full production, and OEE values around 20% were the norm. Adding a second shift to production failed ti increase good production. Widespread adoption of TPM doubled OEE within 3 months, and production capability continued to improve.



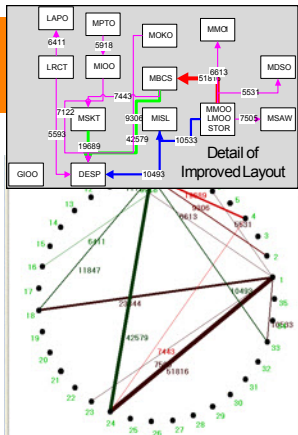
Telephone Manufacture

One of the earliest UK full JIT factories, reducing lead time from 14 weeks to 14 minutes. Telephones were made with batch size of one, whilst telephone circuit boards had batch size of ten. Faulty components were discovered in minutes and not weeks as with previous manufacturing systems.



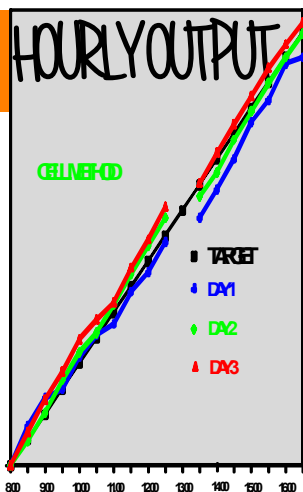
Machine Shop Layout

After this client sold off a high volume low contribution part of their business they needed a new, more appropriate layout. Using our own job travel analysis software we analysed one full year of jobs within a week, and proposed a layout reducing distance travelled to 20% of previous routes.



Electronic Controls

Cellular manufacturing yielded a consistent hour by hour output of good product, and reduced rework from 15% to zero in a matter of weeks. Product changeover times reduced from 30 minutes to 4 minutes in the same time frame. Operators previously sat at benches got to work standing up, and walking from work station to work station.



Radiator Plant

In just 2 years, this flagship plant for the group had increased profits by over £4M. TPM was widespread across the plant, having the wholehearted support of senior management and group resources.

TPM became the way the business was run, and it's 5S programme was exemplary.



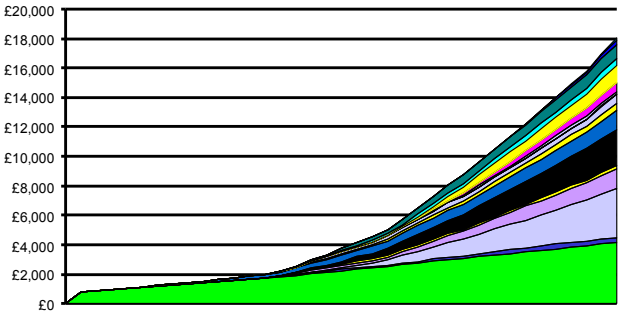
Factory Build in Switzerland

A wholly owned Pfizer company needed a Project Manager to manage the build of a high-tech medical device factory near Zurich.

The project was completed in the 3 year timescale to the £29M budget and managed entirely using the local Swiss dialect.



**Cumulative financial benefits in group (£'000) supported
by TPM activities over 3 years
with a spend around £400,000**



TPM ++ was founded towards the end of 1998 by Brian Burgess who had for years been responsible for the implementation of TPM across the Caradon group of companies from 1990. With the responsibility for the implementation came the need to learn all there was to be learnt about the philosophy, the tools and techniques, starting in Japan. Studying under Professor Hajime Yamashina, with a £400K budget, this knowledge was applied to achieve an £18M incremental gain in profit for the group. Brian started implementing Lean Techniques in 1980, before Lean had been coined. This knowledge is available for all our clients.

Contact Us

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