



Aligning TPM³ to Your Business Plan

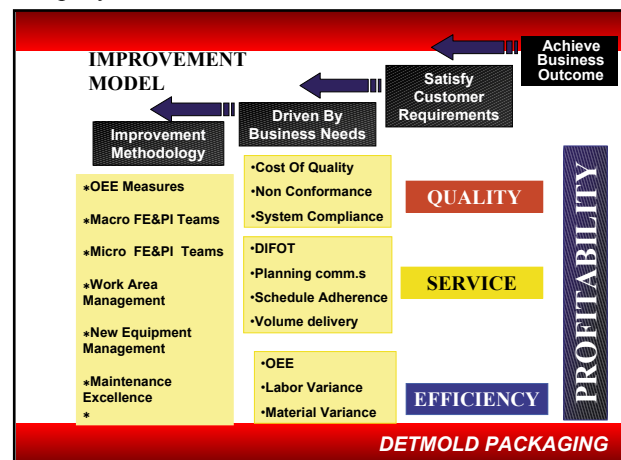
Adding Value to your Business Goals

The Detmold Packaging Group is a specialist converter of paper and board based products for a diverse range of customers in Australia and throughout the world. Detmold Packaging in Brompton, South Australia, consists of five groups specializing in products ranging from fast food take away wrappers to boutique bags.

Their TPM³ Journey commenced in June 2002 and to date they have completed 3 cycles of TPM. Approximately 30% of operational employees are currently involved in TPM³.

Nathan Clifford, Continuous Improvement Co-ordinator described how Detmold was systematically improving business by using the TPM³ methodology. Much of his work has been preparing a foundation to initiate change towards a manufacturing culture focused on continuous improvement, particularly in Service, Efficiency and Quality.

In turn you need a business model for TPM³ based on your company's vision.



DEPARTMENT	CUSTOMER REQUIREMENT	BUSINESS NEED	C.I. METHODOLOGY	KPI	TIME	START
PRINT	SERVICE	Improve machine output	Measure OEE on all machines	OEE	6 wks	01/01/03
			Macro FE&PI	DIFOT	12 Wks	01/01/03
	EFFICIENCY	Improve yield	Measure Waste on all machines in KGS.	Waste KGS.	5 Wks	01/01/03
			Reduce Set up time	OEE Set times	12 Wks	01/01/03
	QUALITY	Product fit for purpose	Investigate and reduce non conformance on machine 1	Number of non conformances	12 Wks	01/01/03
			Micro FE & PI			

DETMOLD PACKAGING

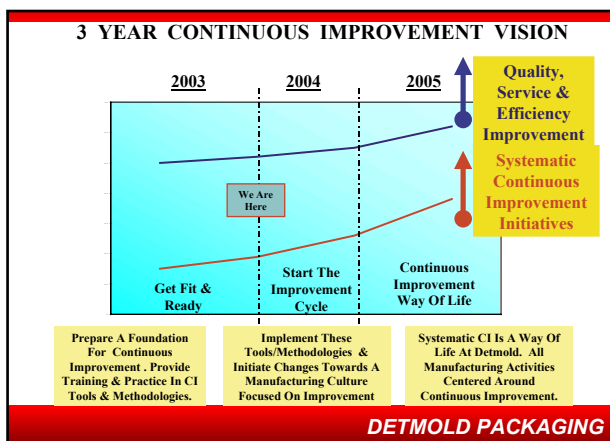
As can be seen, everything reinforced the key objectives of Service, Efficiency and Quality and the results speak for themselves:

- OEE on the printing line has increased from 35% to 48% saving \$247,000 per annum
- OEE on the waxer line increased from 42% to 50% saving \$70,000 per annum
- Waxing team reduced wax variance from an unfavourable \$25,000 to a favourable \$2,000
- Improved service, housekeeping, attitudes and morale

In conclusion Nathan emphasised the following:

- Identify and understand where you are on your journey
- Customise your improvement plan based on TPM³ methodology
- Ensure the TPM³ process is aligned to your vision and business plan
- TPM³ is not for its own sake. Rather it adds value to your business goals and outcomes

One of his key messages was the need to understand very clearly where you are on your journey, as he showed below with the 3 Year Continuous Improvement Vision for Detmold.



Nathan is a trade qualified printer with 6 years experience in the printing industry and prior experience in retail and electrical industries. Nathan attended the TPM³ Instructors / Leadership Course in November 2002, graduating at the ceremony during the TPM³ Action Forum 2003 and is therefore well qualified to assist Detmold on their TPM³ journey.