



Flowing dollars to the bottom line.

By changing the manufacturing process from batch to continuous flow, IET dramatically improved the customer's responsiveness and business profitability.

The Customer

Sampco is a leading designer and manufacturer of samples and displays for the building construction materials industry.

The Challenge

One of the customer's facilities produced display boards for the roofing sector. It employed batch processing methods, which resulted in large amounts of WIP between operations and shingle pallets stacked on the floor wherever space allowed. The clutter of so many shingle pallets throughout the facility wasted time as operators searched for and "dug out" the pallet they needed. Business was booming. The facility had to increase productivity 50% without adding floor space to meet customer demands.

The Solutions

IET embarked on a process redesign project to remedy the situation. IET's engineer time studied individual operations and then used the data to design a continuous flow assembly line on which labor was balanced and productive. Display board WIP was eliminated thereby freeing valuable floor space for adding more production capacity. The introduction of pallet racking allowed the plant to organize its shingle stock for one-touch retrieval. By changing from batch processing to continuous flow processing, throughput time dropped from days to hours and capacity increased 25%, all without adding floor space or additional equipment.

iet

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How can IET help you?

Any way you need us to.

Productivity

Current production standards

Current production performance

Detailed reasons for variances

Detailed plan for improvement

Goal-setting, accountability

Capacity planning

Key capital resources

Direct and indirect labor

Salaried personnel

Facilities

New manufacturing

Detailed process map

Layout

Facilities

Labor

Support

Indirect labor design

Standards

Material handling

Supervision

Maintenance

Plan for improvement

Total value analysis

Make vs. buy

Site selection

Consolidation

Vertical integration

Horizontal integration