

CASE STUDY

HOW HOLOGIC INCREASED ITS PRODUCTION BY 25% WITH MODULAR MATERIAL HANDLING SYSTEM



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Hologic is a leading healthcare and diagnostics company. To keep up with the fast-paced medical industry, it **needed first to be organized to maximize productivity.**

Hologic moved production lines from one building to another and space became a major issue. Given that time wasn't exactly on the company's side, **Hologic needed something it could easily design and assemble.**

Read on to learn how a modular material handling system helped Hologic **increase its production efficiency by 25%.**



CASE STUDY BY

JONATHAN DESPARS

PROJECT MANAGER
NORTH-EAST USA

25%

INCREASE IN PRODUCTIVITY

20%

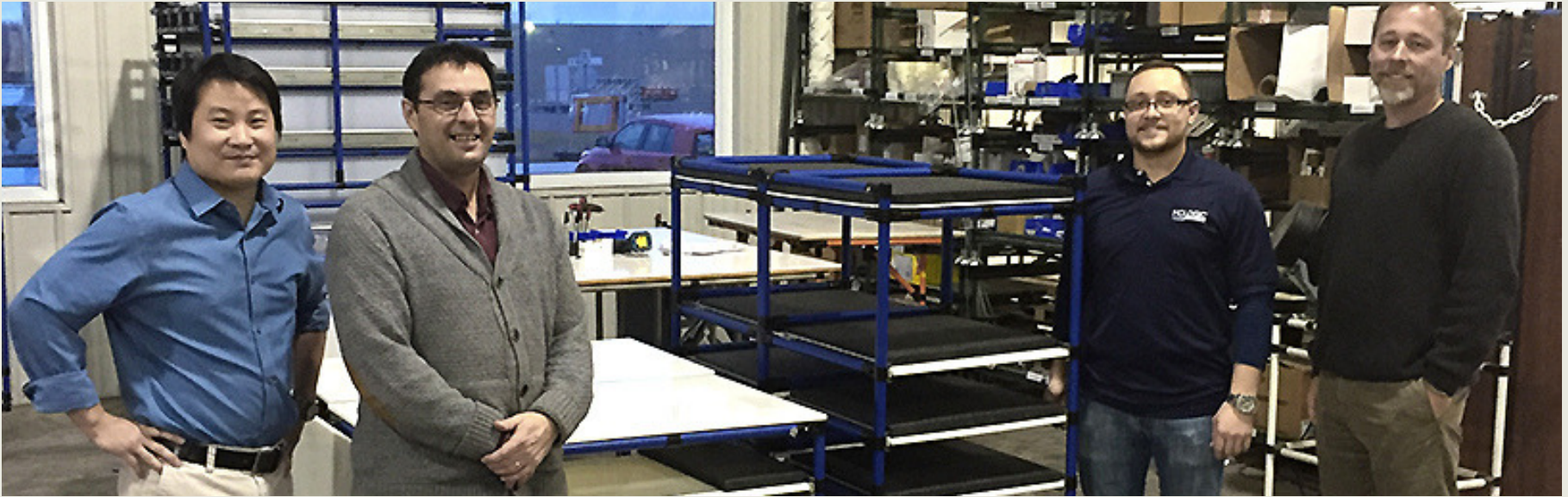
**ADDITIONAL FLOOR SPACE
MADE AVAILABLE**



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LEAN MANUFACTURING TO STREAMLINE OPERATIONS

To address its productivity issue, the company undertook a large-scale lean manufacturing transformation, led by the plant's continuous improvement leader, Jimmy Sutjito. He underscored the importance of **finding hands-on manufacturing equipment that could be adapted quickly and easily.**



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A MODULAR SYSTEM FOR PERSONALIZED, EFFICIENT WORKING SPACES

After exploring various avenues, **the team opted for a modular system.** Before implementing modular structures in their production plant, several **staff members attended a 2-day training workshop** at Flexpipe's facility to familiarize themselves with the system.

TASK-SPECIFIC WORKSTATIONS FOR OPTIMAL EFFICIENCY

The new workstations are appointed with a foldaway side table. Each structure is set on wheels to **facilitate quick layout reconfigurations.**

They also have shelves which houses various tools in their designated spaces—a **concrete application of 5S principles.**





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WORKER INPUT COMES FIRST WHEN PLANNING NEW STRUCTURES

Supervisors usually **begin a new project process by discussing with floor workers.** Information from production workers is essential for an ergonomic, user-friendly final product. Once all the suggestions have been collected, the team sketches out the designs and most structures are built in-house.

“

You can do whatever you need to do with it, you just need a little imagination and engineering, and you **WILL** come up with something that will work for any individual application.

David Clarke – Quality Engineer at Hologic



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REDUCING MOVEMENT WASTE WITH AN EFFECTIVE FLOOR LAYOUT

Reducing movement waste was the most significant accomplishment in implementing lean manufacturing practices. **Condensing workspace and clearing away clutter** made it much easier to find the right tools, equipment, and parts.

MANUFACTURING LEADERSHIP AWARDS FROST & SULLIVAN

OPERATIONAL EXCELLENCE LEADERSHIP

2017 WINNERS



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MANUFACTURING LEADERSHIP EXCELLENCE AWARD

In 2017, Hologic's Danbury, Connecticut site **received the Manufacturing Leadership Excellence Award from the Manufacturing Leadership Council and Frost & Sullivan.**

This award honors companies and individual leaders shaping the future of global manufacturing.

MAKE IT WORK FOR YOU

NOW, IMAGINE WHAT THE FLEXPipe MODULAR SYSTEM CAN DO FOR YOU!



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