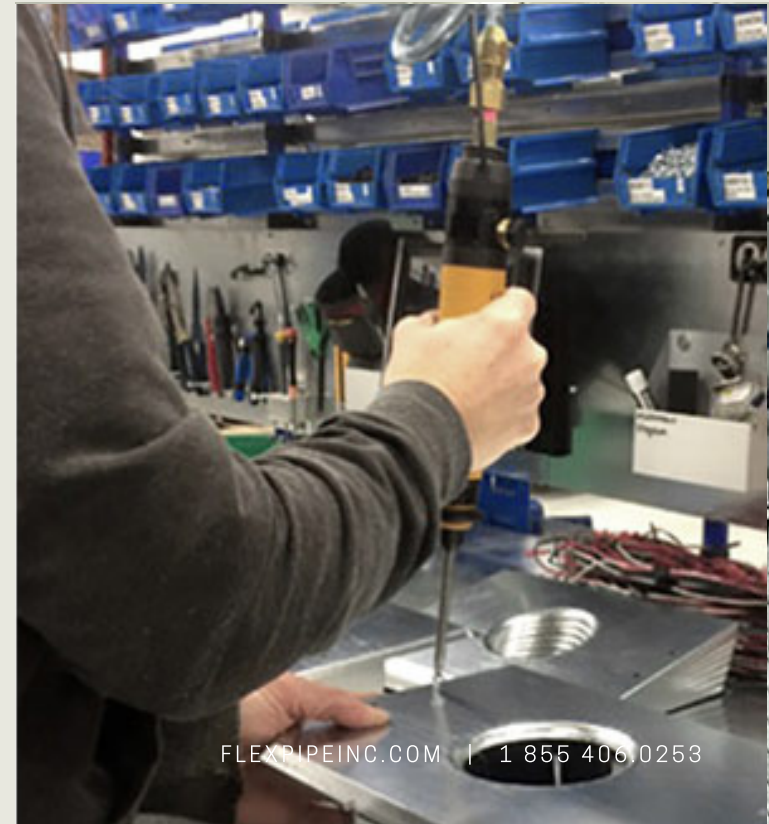
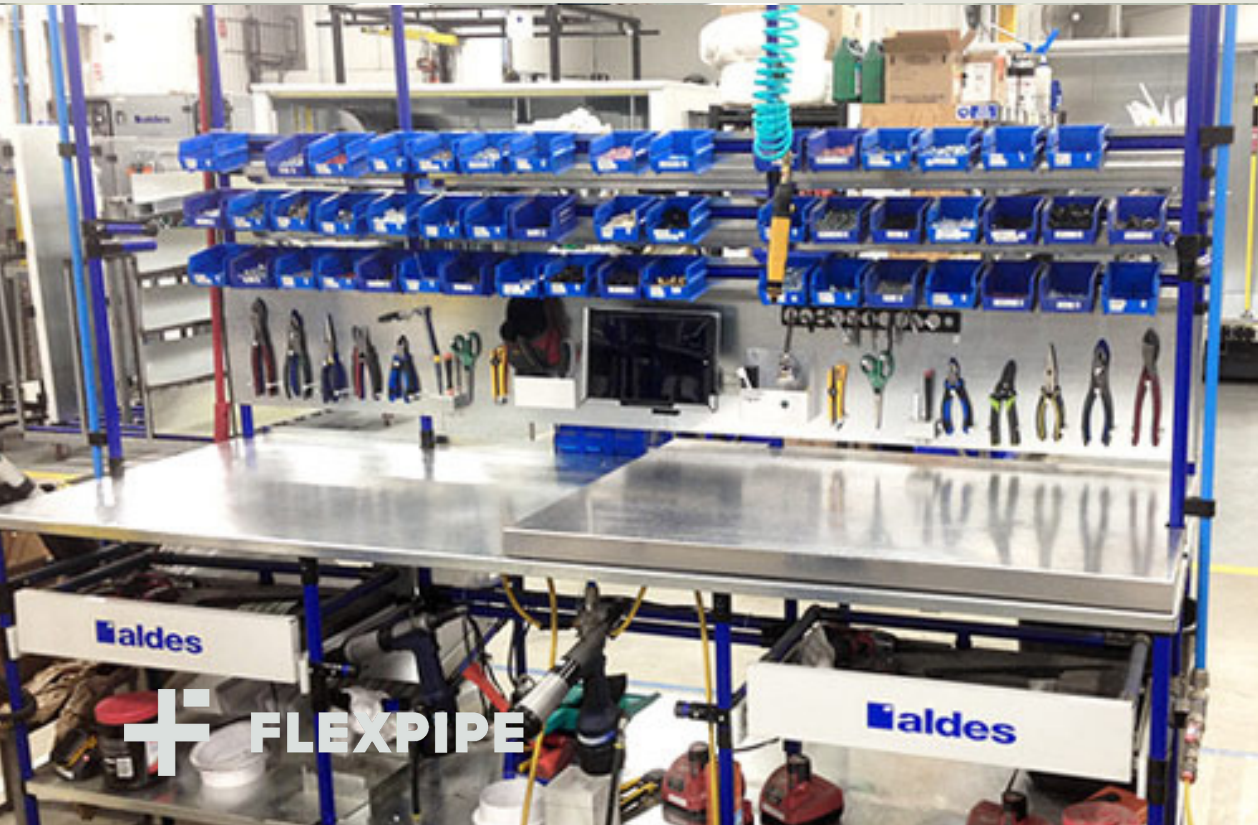


CASE STUDY

HOW ALDES CANADA REDUCED THE COST OF ITS NEW ERGONOMIC WORKSTATION BY 65%



 **FLEXPIPE**

FLEXPIPEINC.COM | 1 855 406 0253

Founded in 1999 and with more than 50 employees, Aldes Canada manufactures residential and commercial ventilation products.

In 2010, they had to move part of their installation to a new facility and **modernizing its production equipment became top priorities.**

Read on to learn **how Aldes successfully introduced ergonomic modular structures in its production line** thanks to its employees' creativity.



CASE STUDY BY

DAVID D BEAUDRY

PROJECT MANAGER
SOUTH SHORE OF QUEBEC AND CITY OF QUEBEC

65%

**REDUCTION IN THE COST OF
SPECIFIC PROJECTS**

125

MODULAR STRUCTURE BUILT

85%

**OF DEPARTMENTS HAVE
MODULAR STRUCTURES**



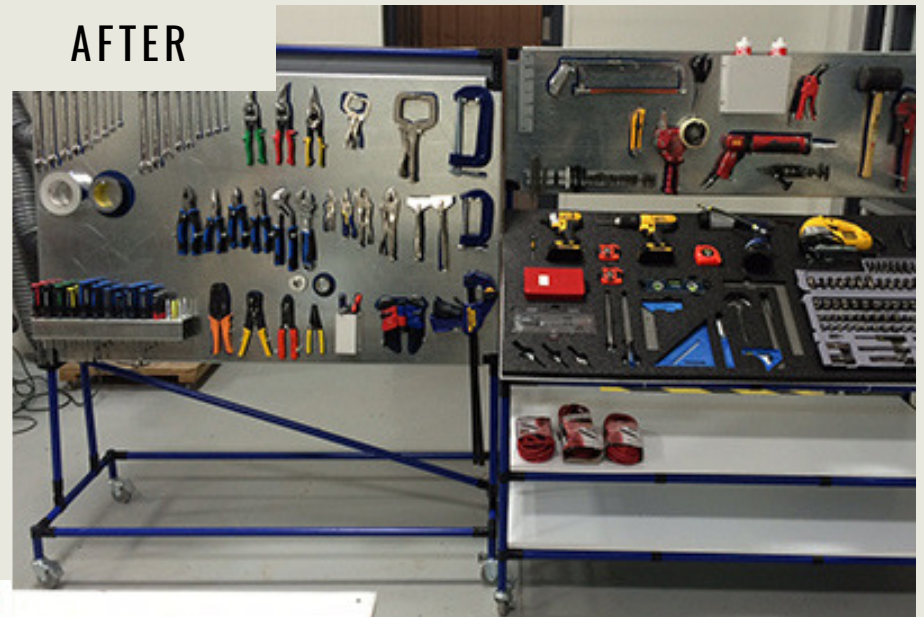
1/8

AN ADAPTABLE MODULAR SYSTEM TO SUPPORT COMPANY GROWTH

After considering several options, **Aldes decided on a tube and joint connector system** which could support the company's growth since the majority of **parts could be reused for other structures.**



BEFORE



AFTER

2/8

ERGONOMIC PROBLEMS WITH THE OLD MANUFACTURING PROCESS

The **employees were becoming increasingly strained** after lifting the tools and use them in a specific way day after day. The facility's continuous improvement leader wanted to **address this ergonomics issue when updating the production equipment.**

3/8

A WORKSTATION EQUIPPED WITH A RAIL SYSTEM

After doing some **out-of-the-box thinking**, they created a workstation inspired by 5s principles.

Furthermore, they **integrated a rail system** so the drill-driver would follow a worker's flow of movements.





BEFORE

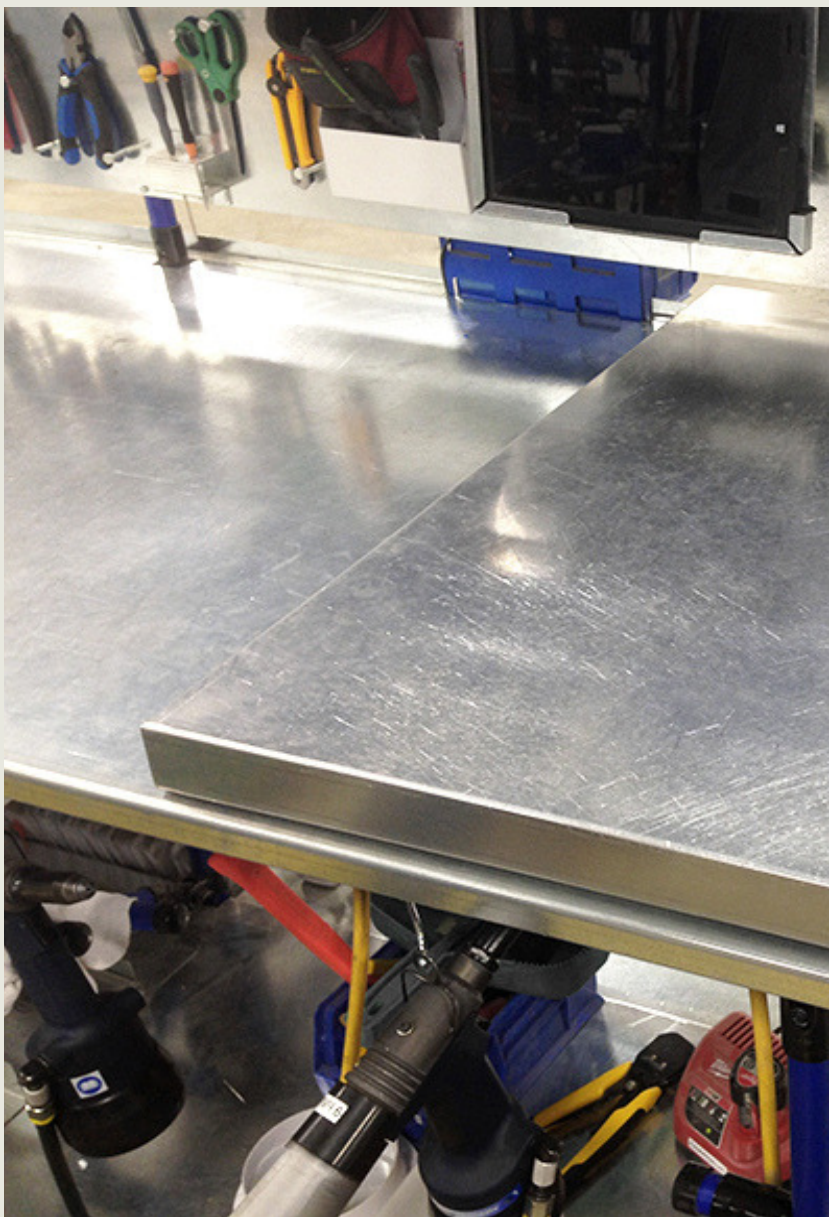
AFTER



4/8

AN ERGONOMIC WORKSTATION THAT COST 65% LESS THAN OTHER OPTIONS

The facility's continuous improvement leader creativity allowed the company to **save nearly 65% in manufacturing costs**. How? Instead of purchasing a workstation retailing at \$1000, **he created the modular workstation for a mere \$347!**



5/8

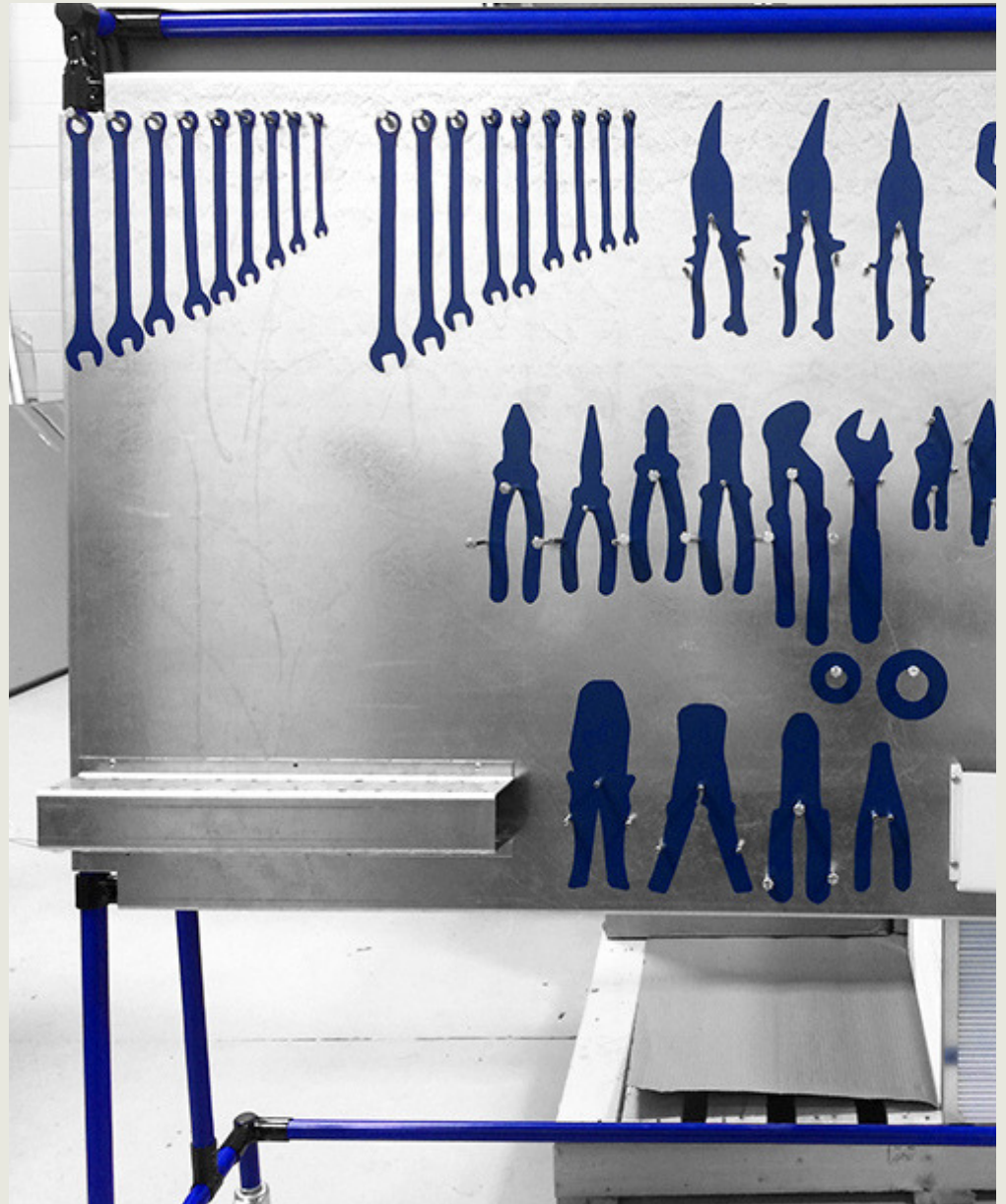
A WORKSTATION WHICH ADJUSTS TO AN SPECIFIC EMPLOYEE'S HEIGHT

A **leveling platform** has since **been installed** on the workstation catering to taller workers so they may also **have an ergonomic work surface.**

5S PRINCIPLES FOR OPTIMAL TOOL STORAGE

Aldes also took the opportunity to **integrate 5s principles** in the majority of the new structures.

Steel panels manufactured in-house were used to create **shadow boards** for efficient tool storage.





7/8

FINALISTS IN A PRESTIGIOUS SAFETY AND ERGONOMIC IMPROVEMENT CONTEST

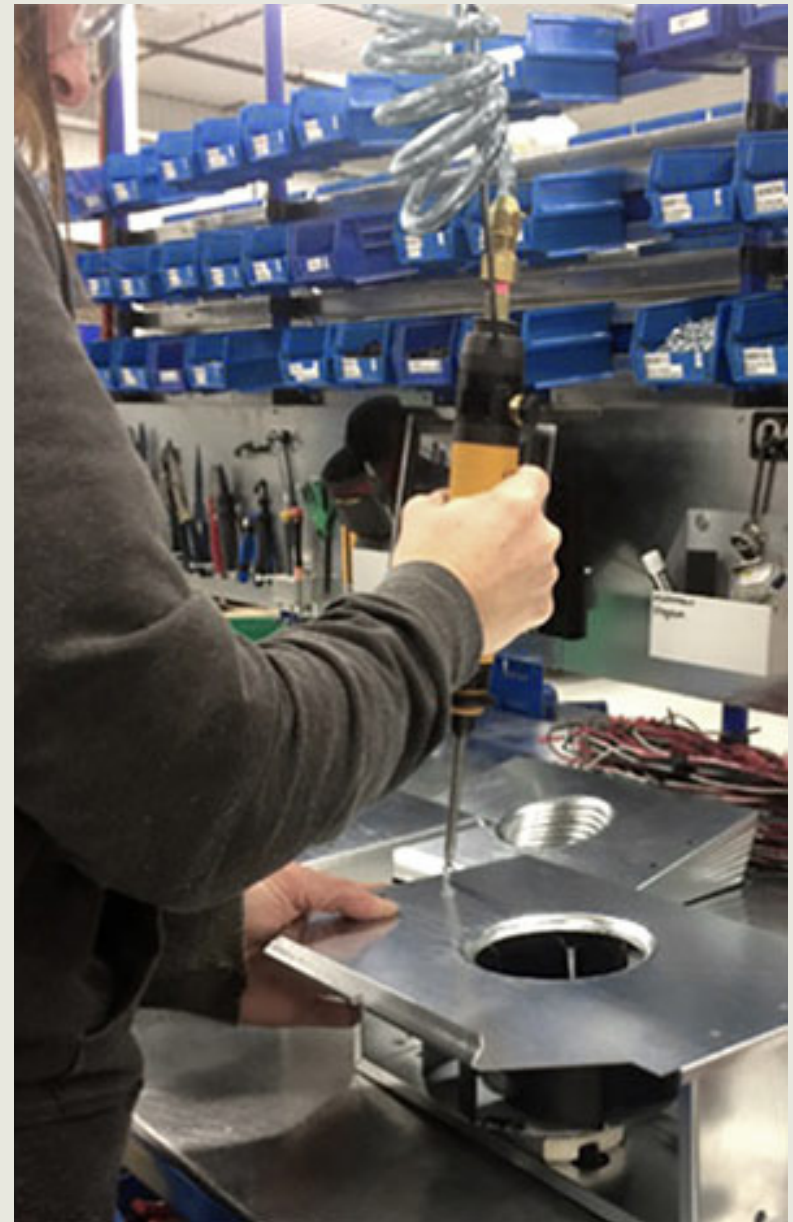
This **innovative workstation** **garnered the industry's attention** and allowed the company to be among the finalists in a prestigious Quebec contest for all the safety and ergonomic improvements that it brings to the Aldes Canada workplace.

INVOLVING EMPLOYEES FOR BETTER PERFORMANCE

It's important to engage employees when creating modular structures.

Doing so inspires a **sense of belonging among employees**, which, in turn, facilitates change management.

And by using in-house products and resources, Aldes Canada was able to **save a considerable amount of money** when building its new workstations.



MAKE IT WORK FOR YOU

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



CASE STUDY BY

DAVID D BEAUDRY

PROJECT MANAGER
SOUTH SHORE OF QUEBEC AND CITY OF QUEBEC

SEE YOU ON **FLEXPIPEINC.COM**