

Quality Custom Cabinetry

Quality Custom Cabinetry based in New Holland, PA started in 1967 manufacturing custom cabinetry.

Today, the company's products are high-end and remain custom and can include unique detail on the door designs along with custom finishes to create the look the customer wants to achieve.

With a recent expansion and a redesigned production floor layout, Quality now has a 126,000 sq. ft facility with 285 employees. "We completely revised our production flow," explained Galen Newswanger, "vice president process engineering. "You have to be willing to make the change, but as a company you gain everyday you operate."

Manufacturing Problem/Solution

Quality produces over 300 doors a day with about one half of those doors using an applied moulding. "We have a number of door styles where we fit a moulding around the panel," explained Newswanger. "It fits into an opening that is a very precise measurement and the only way to measure that was with a tape rule and then enter the information into the TigerStop, which would set the length."

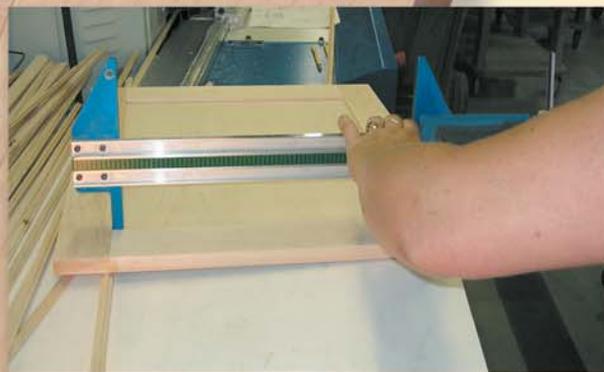
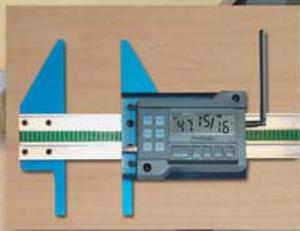
Depending on the accuracy of the operator and the limitations of using a tape measure, the operators were having to re-cut and re-fit many of the doors each day. This became extremely time consuming and generated a lot of rework and waste.

A local distributor saw the operation and suggested using an Accurate Technology ProPanel, a linear measurement device which measures in fractions, decimal inches or metric, an Accurate Technology ProRF, wireless data transmission system, and a TigerStop, an automatic stop & fence / pusher system. Using the ProPanel, the operator takes four measurements of each individual cabinet door

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Operator measures with ProPanel



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(where moulding is to be applied) and with the push of a button the dimensions are relayed to the TigerStop wirelessly via the ProRF. The TigerStop stores that information in a cutlist until the operator is ready, and then automatically sets the stop to the exact length for the mitre saw to cut each of the moulding pieces perfectly every time.

Accurate Technology Announces ProPanel-RF®

Accurate Technology announces a new system designed to take a measurement and wirelessly send the data to an RS232 device.

The new system is called ProPanel-RF and consists of an Accurate Technology ProPanel equipped for wireless measurement data transmission.

ProPanel is a portable measuring tool used to make length, width, diagonal, hole-to-hole, and edge-to-hole measurements up to 48 inches (1.2m).

When used with a TigerStop and a cut-off or miter saw, the new system allows a user to take digital measurements of doors, windows, cabinet parts or cut-out openings for instance, and send the measurement information via an RF link to a TigerStop controller which then positions moulding or other trim to be cut yielding precise, custom cut parts for each measurement application.

"We are very pleased with Accurate Technology and their products. They make a big difference on our production floor. We've improved quality and throughput in each Accurate application."

Galen Newswanger

Results

"We experienced an increase in production the first week we installed the Accurate Technology products," stated John Fisher, supervisor door assembly. "Prior to Accurate, it would take us 3 minutes to do a door and now it is down to 2 minutes. Also, it used to take us 4-1/2 minutes to glue the pieces in place, now it takes 2-1/2 minutes. All this is because the accuracy is so precise, the pieces fit together just right."

Add to that the huge reduction of re-work and waste and the Accurate/TigerStop system has saved time, saved money, improved quality and has become a big pay-off for Quality Custom Cabinetry.

"It all has to do with measurement," concluded Fisher. "We have brought a lot of people off the street and we're teaching them to become cabinetmakers." They don't have to know everything but they learn to put pride into their work. The Accurate measurement devices allow the operators to run the machines precisely without having to read a tape measure."

"We find that every time we put an Accurate Technology digital measurement device

onto a particular piece of equipment, it increases productivity greatly."

John Fisher



Moulding is cut perfectly to length



ProPanel-RF

**Model #
901-4015-250**

\$1,199.00