

994-X

A NEW STANDARD IN SPEED & FLEXIBILITY

The Kval Advantage

Kval differentiates itself within the industry by controlling each step of the manufacturing process at their facility on the west coast of the United States: raw steel is received, and finished machinery is shipped. Kval designs, cuts, machines, welds, paints, wires, and programs each and every machine in-house using the best components and materials available, enabling a hands-on approach to quality control and

The Future is Here, and it's Fast

The 994-X Machining Center has revolutionized the way door manufacturers and distributors process and deliver high quality products to residential markets across the globe. Processing both Interior and Exterior doors on a single machine is now possible with virtually no changeover time: it's as fast and simple as the press of a button.

The 994-X processes doors between 6'6" and 8'0", with hinge varying radiuses of 1/4", 5/8" to Square without any changeover and virtually no increase in cycle time. Switching between beveled and non-beveled door processing modes requires no changeover time or manual adjustments.

Typical cycle times are between 45 and 50 seconds.

Cutting Edge Technology

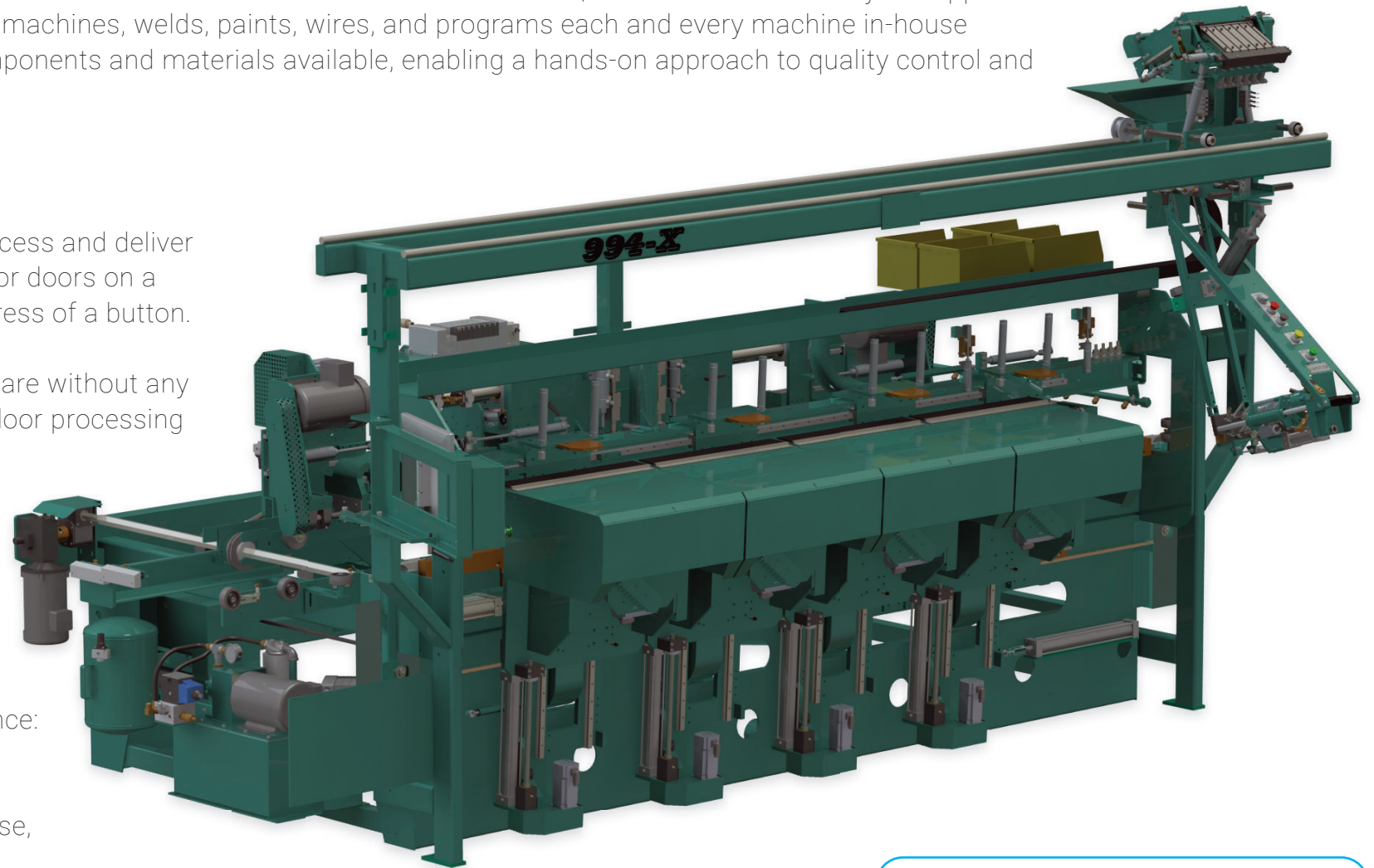
The 994-X utilizes state-of-the-art components and computing to deliver lightning fast performance:

Components

- Hi-Frequency Routers increase hinge-pocket quality by maintaining high speeds as they mortise, minimizing tool flex and over-travel
- Counter-Rotating Routers eradicate the need for chip-out blocks, thus eliminating the need for manual adjustment during hinge-size changes
- Point-to-point Pre-drill Routers replace air operated systems and allow the rapid modification of pre-drill patterns while fully complying with OSHA mandated decibel levels
- Auto-Chisels provide perfectly square hinges without the need of tools or manual adjustments, only adding 1-2 seconds to cycle time

Computing

- Kval has partnered with the Beckhoff Automation Group to bring bleeding-edge motion control technology and hardware to residential CNC door machinery
- Kval's highly skilled, forward thinking internal software development team has pioneered some of the most exciting and revolutionary technological advancements the industry has ever seen



See it in action

For a video demonstration, complete list of features, and available options visit kvalinc.com/features/994-x/

Take Your Production to the Next Level

The 994-X is the perfect fit for door manufacturers and distributors who require substantial capacity and exceptional flexibility, especially those who:

- Batch entire-home orders together to increase efficiency & eliminate order fulfillment mistakes
- Require 350+ doors of different lengths, widths, and thicknesses per 8-hour shift
- Require the ability to process interior and exterior doors on a single machine line
- Perform multiple hinge size changes each week
- Require the ability to change pre-drill patterns or depth on-the-fly
- Require the ability to change hinge size or mortise depth on-the-fly