

Contract Furniture Design Notes

A Special Edition for Contract Furniture Designers

Introduction

Volume 9 Issue 1

Welcome to Dennis T. Kondo



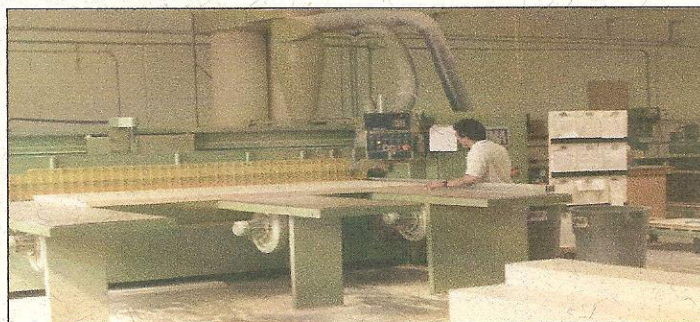
Front entrance to the offices and manufacturing facility of Dennis T. Kondo at 3202 Croddy Way in Santa Ana, California

"The Front"

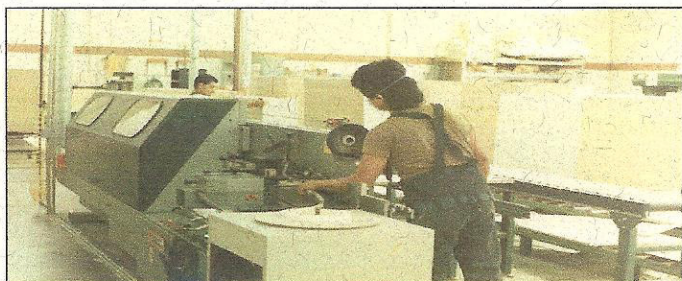
After over 22 years in business, serving the contract furniture community, 2 years in Los Angeles, 9 years in Paramount and over 11 years in Santa Ana, California, we realized that many of our customers have never visited any of our showroom, office or manufacturing facilities. We thought a few snapshots may satisfy some of the curiosity that has been expressed.

Component Sizing

All work surfaces and cabinet parts are accurately cut in our manufacturing facility on a computerized/microprocessor controlled panel saw. This unit is capable of cutting parts as large as 13 feet x 13 feet and 3 inches thick, in one stroke. Parts ride on special air cushion tables. Each cut is made by two separate saw blades at the same time, which eliminates all chipping. Each part is then tagged with a unique computer generated label and conveyORIZED for further processing.



Computerized/microprocessor controlled panel saw.



View of the Automatic Edgebanding Station

Panel Edge Processing

After parts are precisely cut, they typically are transferred via the factory conveyor system to the eight station, automatic edgebander. This is a 32 foot long station, applying all types of edge trim. Solid wood lumber, high pressure plastic laminates, PVC tapes, 3mm thick PVC, veneers and 3mm solid wood are all glued, applied, set, trimmed and buffed on the panels in a single pass. Every 6 seconds an edge on a part can be finished.

Cabinet Assembly

After casegood components are precisely cut to size, have their edges finished on the automatic edgebander, they have our 32mm system holes and dowel assembly holes drilled on microprocessor controlled boring machines. To improve production capability, one drilling machine has 51 drill heads and another has a total of 34. With our unique system, a wide variety of cabinet finishes and styles can be manufactured very efficiently as modules. Components are then assembled with a high quality Type II water resistant adhesive, in our large pneumatic caseclamp under high pressure.



Cabinet assembly area with a pneumatic caseclamp



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