



Fully-Automatic Mitering System

V 2013 NC



The V 2013 NC is an integrated system for elevated production of picture and photo frames as well as any other component which is assembled by way cutting the ends at an angle. Sophisticated, but simple and practical, the system is fitted with a guidance computer (PC) which makes the machine more productive and flexible, for an improved quality of the finished product. The machine counts with a hopper feeder (available in both Horizontal and Vertical versions) which allows it to function completely unattended. The following are some of the key features of the V 2013 NC Fully Automated Mitering System: **Optimized Cutting** By inputting the data relating to the length of the molding along with the cutting list, the machine is able to select the best sequence automatically, maximizing the material's yield. **Higher Production** The high speed feed carriage allows large scale production in any circumstance. The zero setup time for changes in the cutting list, is another important factor in the high performance of this unique system. Depending on several variables the output of the system ranges from 1000 to 1500 pieces per hour. **Data Storage** The computer has down loading capability through the 3 1/2" floppy disk or direct cable connection via RS 232 port. It is possible to interrupt the cutting process at any time and have a different program carried out, while all the data relating to the first program including the number of pieces still to be executed remain stored. **Easy User Interface** The onboard computer is equipped with an 8" monitor which allows all the messages that the operator requires, to be fully and constantly displayed in the desired language. A step by step full graphic display makes it easy for the operator to select the required operation. The on the screen diagnosis, reduces needless down time due to electric or pneumatic failure. **Flexibility** The angle of the 2 saw blades is automatically adjusted by the computer based on the programmed type of frame (Square, Rectangular, Hexagonal or Octagonal), all calculations or consequently optimized according to the chosen angle (90, 30 or 22 1/2 degrees).

TECHNICAL DATA

• Max cutting width	2 3/8"
• Max cutting height	2 3/8"
• Motor power HP	2 x 3
• Saw blade bore	30 mm
• Saw blades Diameter	300 mm
• Auto mitre position	45 - 30 - 22 1/2
• Overall dimensions	185" x 45" x 67"
• Crated dimensions	100" x 49" x 75"
• Crated dimensions Hopper	98" x 29" x 43"
• Dust chute	3 x 4"
• Max feed stroke	39"



Detail of unloading conveyor



Detail of stepped conveyor



Detail of onboard PC