

Through Feed Optimizing & Defecting Cut-Off Saw

T 2020 NC



600 FPM automatic programmable cut-off saw for optimized cutting of wood stock and defect removal

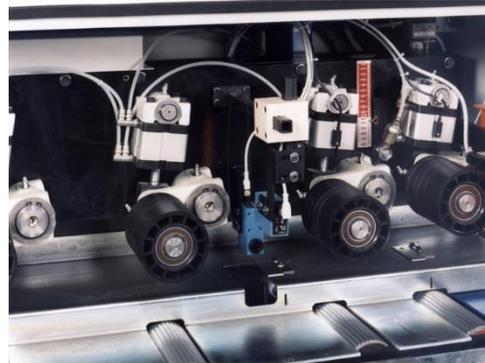
Last Generation automatic programmable cut-off saw for optimized cutting of wood stock and defect removal. Particularly suitable for high production requirements given its very high maximum feed speed of 600 FPM. The set of 7 top pressure rollers are able to compensate for dimensional variations of rough mill stock. The machine is equipped with a PC based computer capable of performing eleven work cycle programs. The numerical control is able to store cutting lists with lengths divided in several different grades and the relevant quantity of parts. Cutting lists can be input direct for the NC keypad via a 3 1/2" diskette, with direct serial connection to a remote PC or directly through the network. The onboard computer with 15" color monitor provides the following information: - Stock in cubic feet, required to produce the number of pieces in each list. - Number of pieces produced of each length. - Amount of stock in cubic feet divided into: first, second, third grade and waste - Cubic feet required to produce remaining parts. - Yield as a percentage of the total - Print out of all the above data to a parallel printer (optional). The system can perform simulated cutting to verify the result before processing the wood and allowing the user to decide whether to use the chosen parameters for the required production or change it. The T 2020 NC can cut and handle up to 3 different grades within the same cutting list or 5 grades with optional horizontal camera. AVAILABLE OPTIONS: - Infeed Roller Tables. - Width Scanner. - Two Sided Grading Stations. - 2nd horizontal reading Camera (for up to 5 grades). - Double sided CNC Workpiece Sorter. - Conveyor Belt for Off Cuts. - Motorized loading system. - Sorting systems with kickers.

TECHNICAL DATA

• Max. piece thickness	4 3/4"
• Max. piece width	12 5/8"
• Max. infeed length	23 5/8"
• Max. feed speed	800 FPM
• Saw blade motor power	7.5 HP
• Saw blade diameter	10 HP (7.5 kW.)
• Feed motor power	50 feet/sec.
• Cutting speed	0.2 - 1 sec.
• Average number of cuts	80 - 90 min.



Detail of closed cutting unit



Detail of chalk-detecting cameras



Detail of PC console