

**Automatic Programmable Cut-Off Saw**



**T 522 OPT**



*Automatic push fed saw for optimized cutting and defect removal*

The T 522 OPT is an automatic high speed cross cut, defecting and optimizing saw system. It is equipped with a CNC precision programmable pusher, to accurately position the board to the selected lengths. The loading station consists in a flat metal surface where the operator is able to mark the boards to be loaded with the efficient laser system. A flat steel table ensures that the boards are flat against the fence while making the loading operation very ergonomic. A pneumatic cylinder with adjustable speed controls the up-stroke, with a flow regulator conveniently locate in the front of the machine. The fully adjustable blade guard acts as a clamp for the workpiece and it is automatically activated in cycle with the machine. A safety hood with Plexiglas window offers total protection of the cutting area. The cut pieces can be off-loaded onto an optional automatic sorting system or directly in to a general sorting area. The computer can perform several different working programs to execute as many cycles; moreover the system provides constant updates of the following information: \* Number of pieces produced of each length. \* Number of pieces remaining of each length. The system can cut and handle up to 2 different grades within the same cutting list.

**TECHNICAL DATA**

• Max. piece thickness	5 1/2"
• Max. piece width	12 5/8"
• Max. infeed length	13' - 20'
• Max. feed speed	330 FPM
• Saw blade motor power	7 HP
• Saw blade diameter	18" (20" Optional)
• Feed motor power	5 HP cc
• Cutting speed	0.5 - 1 sec.
• Average number of cuts	25 - 30 min.



*Detail of tail clamp*



*Detail of optional ink-jet printer*



*Detail of cutting area*