



Machinery for the Woodworking, Stone, Glass, Plastic, and Metalworking Industries



Date : 06/10/2023 - 11:30 AM *
EXF # : SO-300006
Category : SAWS - OPTIMIZING/DEFECT
Brand / Model : CAM-WOOD "CS-24AAT-16X"
Machine Type : AUTOMATIC CUTOFF SAW
Year of Mfg. : 2023
Condition : Brand New w/Warranty
Elect / Voltage : 230 V, 60 Cy, 3 Ph.
Special Note :

FOB / Region : WEST COAST
Appr. Repl. Cost. : \$ 43,500
Price : \$ 41,700 *
Comment : BRAND NEW Cut-Off Saw for under \$45,000 - vs. a US
Leasing : Lease for \$ 848/Mo. at NCL

Portrait of Jim Reedy with contact information: Please ask me, Jim Reedy, 800-374-5009 ext. 455, Intl. +1 704-841-2001 ext. 455, jim.reedy@exfactory.com

* Pricing is valid at the time of printing and subject to change at any time.

Description :

- CAM-WOOD CS-24L-16 Automatic Cutoff Saw
...with 16' Automated Pusher or Stop providing efficiency and accuracy.

● DEDUCT ... FOR 12' Incoming Lumber, \$3,000
● DEDUCT ... FOR 8' Incoming Lumber, \$6,000

CUTTING ENVELOPES:

- 8" X 11"
6" X 14"
4" X 16"

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- 2" X 17"

SPECIFICATIONS:

- (36) Cutting Cycles per Minute
- 10 HP Arbor Motor
- 18" TO 24" Saw Blade Diameter with 1" Saw Arbor
- 2,400 RPM Blade Speed
- 90 PSI Compressed Air Pressure with 1" Inlet
- (1) 4" Dust Hood

INCLUDES:

- Infeed table according to inbound lumber length (8', 12' or 16') and 4' idle-roll outfeed table
- Programmable Device works as a programmable stop or programmable pusher and is suitable for heavy production of fixed length cutstock.
- PLC controlled automatic pusher (or stop) is driven by a high-speed servo motor at up to 200 FPM

PROGRAMMABLE STOP

- Key in the length and the Stop automatically moves to the programmed position, ready for the first length, then automatically initiates the cutting cycle. This process repeats until the incoming board(s) have been cut

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EX-FACTORY INC.: 1805 Sardis Road North | Charlotte, NC 28270 USA | Ph +1 704.841.2001 | Fax 704.644.8068
Warehouse & Showroom: 8191 Logistic Drive, Suite E | Zeeland, MI USA | Ph +1 616.772.1520 | Fax 704.644.8328



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PROGRAMMABLE PUSHER

- Build a cutting list by keying in multiple sizes and quantities for each job. Load the board - or boards when "pack-cutting" - and hit "GO". The Pusher moves the board, or boards, to the first length and automatically completes the first cutting cycle, then continues to chop all remaining lengths. When the first load of inbound board(s) have been cut, the Pusher returns to its home position at 200 FPM. When the next incoming board(s) are loaded, the Pusher automatically starts the cutting cycle. The Pusher repeats these operations for the lengths and quantities according to the information loaded at the PLC. Cutting starts with the longest length and works downward length by length
- PLC allows for (50) sets of cut lists to be saved to memory
- Memory can be expanded
- Printer, PC link, and unlimited memory are available
- Cutting accuracy within 0.004" +/-
- Sealed for life quality ball bearings used throughout
- Precision ground cast iron table with heavy steel base
- Designed for easy use in furniture, lumber, door, pallet, and other production operations.
- Safe design with cutting cycle starting below the table and returning immediately when finished; includes full guarding of the sawblade during the cutting cycle
- Magnetic controls with overload protection

OPTIONAL EQUIPMENT:

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- Hopper Feed for 16' Infeed, add... \$5,000
- Optimizing upgrade w/Fluorescent Crayon Mark Reader, add ...\$5,500
- Carbide tipped saw blade, add ...\$ 245

WHEN WORKING WITH CAMERA AND FLUORESCENT CRAYON OPTION, THE SAW OPERATES AS FOLLOWS:

- Operator builds a Cut List with up to (10) lengths and includes the quantity needed for each length.
- Saw scans the crayon marks placed by the operator on an incoming board
- Scanner compares the longest lengths between marks with the lengths in the Cut List
- Selection is determined by length between waste zones and quantities remaining per length.
- From the Cut List, the Saw selects the longest length(s) that are found between waste zones.
- If useable (defect free) wood remains between waste zones after the first cut, the Saw continues to cut shorter lengths, thereby cutting clear wood whenever possible. If clear lumber still exists between crayon marks after the second cut, a shorter length is taken, and so on.
- The process continues until all quantities for all lengths have been reached.
- When possible, computer compares quantity cut to quantity needed, then balances finished lengths in such a way that nearly all lengths and quantities finish close together

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