

DATE: September 5, 2013

PRICE QUOTATION: #

PRESENTED TO:

PRESENTED BY:

Phone:

Email:

Company:

MAILING ADDRESS:

SHIPPING ADDRESS:

CASADEI PRODUCT MANAGER:

PHONE:

FAX:

EMAIL:

CASADEI AXO 300/3800
FRONT LOAD PANEL SAW



Note: The pictures and/or illustrations included in this quotation are for descriptive purposes and intended to aid in understanding certain features of the machine. Some depictions may not reflect the exact construction and may include options that are not part of this offer. In all cases, the written text supersedes any graphic representation. If you have any questions, please consult your Casadei product manager.

STANDARD MACHINE SPECIFICATIONS:

CA1272 AXO 300/3300 Panel Saw

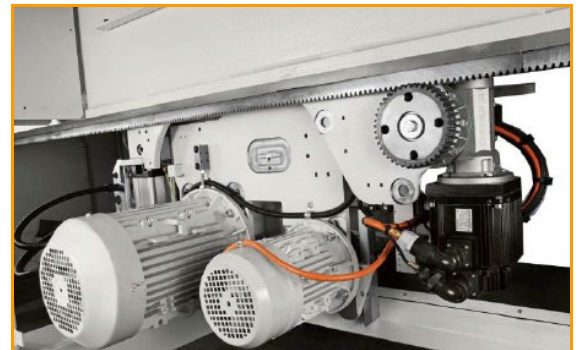
- **Machine Frame**

- Heavy plate-steel table with double tubular structure
- Heavy plate steel saw bed with Phenolic top
- Rear table extruded aluminium structure with Phenolic top
- Support rollers of non-scratch UHD
- Safety fences around rear of the machine



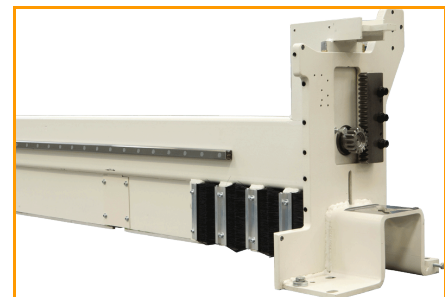
- **Saw Carriage**

- Independent drives, main and score blade using prismatic guides.
- Vertical adjustment over THK guides
- Driven by precision Rack and Pinion
- Movement of carriage on "V" Groove rollers riding on hardened steel guide rails (5 Yr. Warranty)
- Saw carriage stroke toward cross-cutting fence



- **Pressure Beam**

- Fabricated from steel plate
- Slotted for grippers
 - ensures exact panel positioning
- Double rack and pinion system for movement
- Large pneumatic cylinders at both ends



- **Double dust collection**
 - Top connection for dust removal from pressure beam
 - Bottom connection for chip removal from saw carriage

- **Operator controls (PC)**
 - Mounted on Left Side
 - 17" Color Monitor
 - Intel Processor with Windows
 - Standard Keyboard
 - Label printer (optional)
 - USB ports



- **Safety**
 - Safety fence system with slotted or plastic window
 - Safety screen



- **Full length powered pusher**
 - Central drive system
 - Two heavy duty torsion bars
 - Electronically adjustable
 - The pusher travels in structural H-beams
 - Pusher feed is by two high precision rack & pinions
 - 6 clamps for panel clamping

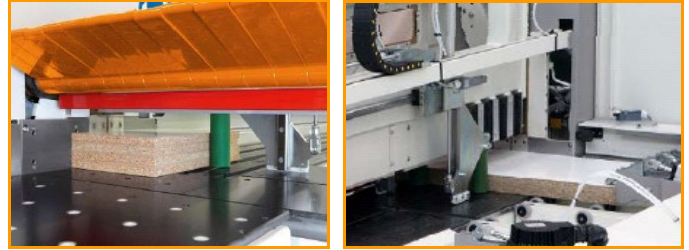


- **NC positioning of material pusher**
 - AC brushless servo motor
 - Inverter control for variable speed via PC
 - Linear magnetic measurement system



- **Automatic Side Aligner**

- Automatic positioning w/ pneumatic cylinder
- Minimum width: 60 mm (2.36")
- Maximum width: 1200 mm (47.25")
- The side aligner slides over a THK guide



- **Main electrical cabinet with:**

- Dust-proof cabinet (IP 55/NEMA 12) with lockable main disconnect
- Overload protections for motors and controls
- Interlocking safeties, emergency bar and blade change cover
- Control voltage 110 Volts for control board, electronic control and low voltage signals

WINNCC Software

- **PC with the following configuration:**

- Intel® Processor
- Windows XP®
- 17" LCD color monitor
- 512 MB RAM
- 40 GB hard disk
- CD-ROM drive
- 6 USB ports
- Slot for adding network card
- 2 serial ports and 1 parallel port
- Standard alphanumeric keypad w/ mouse (wired)



Label Printing Software

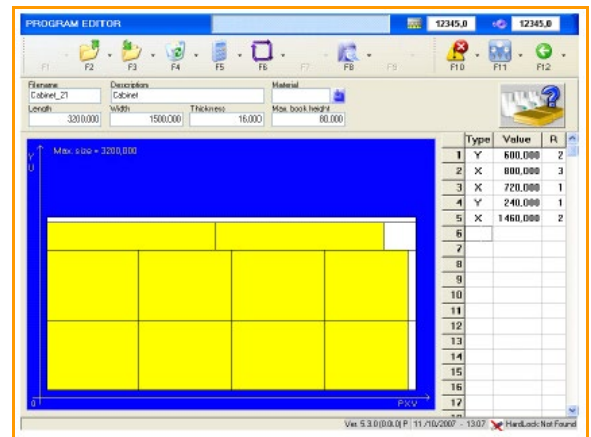
This software, installed on machine computer, allows for the creation of labels. It is possible to print company logos (B/W bitmap format), description fields and bar codes to identify panels and following machining processes.

3D Simulator

This software, integrated into the machine control software, allows displaying of the cut cycle in 3 dimensions. On the machine PC monitor are shown all machine operations, panels to cut and panels already cut with the actual scaled down dimensions and the exact position of the parts being handled.

Graphic Editor

Software integrated into the machine control software to assist the operator in the creation of cutting programs.



Panel Editor

This software, integrated into the machine control software, allows manual filling of the cutting pattern. It is possible to insert external files or information from external database. It sets the trim cuts to carry out on the panel.

SOFTWARE FUNCTIONS:

- **MACHINE FUNCTIONS:**

- Working modes:
 - Manual mode for axis movements

- Automatic mode: execution of programs and/or lists of programs
- Semiautomatic mode: execution of 4 different cutting measurements (input from keyboard)
- Possibility of passing from automatic to semiautomatic mode during program execution (for several manual cuts) and returning to automatic mode (continuing the program from the point at which it was interrupted)
- Multitasking, allows programming or use of all control functions during machining
- **PROGRAMMING:**
 - 5 different cutting levels: pre-cutting X/Y/U/V
 - Graphic display of cutting diagrams programmed
 - Maximum number of lines per program & list: 100
 - Maximum number of programs and lists: limited to 80% of hard drive space
 - Label editor associated to each cut program
- **RUN TIME:**
 - Graphic display (during cut program execution) of the cutting pattern with indication of the executed cuts
 - Help Screens (during cut program execution)
 - Graphic display (during cut program execution) of the current line and cut list
- **DIAGNOSTICS:**
 - Self diagnostic, on-screen display & I/O debugger
 - Recommendations of fault solutions with possibility of customizing messages with operator notes)
- **PRODUCTION REPORT:**
 - Indication of daily production, with all relevant data (start and end times, surface area, and volume of material machined) automatically stored on the hard drive
- **IMPORTS:**
 - Files in perfect cut format
- **LANGUAGE AND UNIT OF MEASUREMENT:**
 - Operator interface in: English, Italian, French, German and Spanish
 - Unit of measurement: millimetres (1.0) or inches (1.000)



The description of the control system includes functions which are present only with a suitable panel saw mechanical or electrical set up. As a result, the label data editor in each program is present only with the relative optional devices, shown in the price list, selected on the machine.

CUT I – Optimization Software

Optimization software integrated into the PCCONTROL system. It includes help for the operator when creating optimized cutting diagrams and for machine programming.

Features:

- Operator interface available in 5 languages: Italian, French, English, Spanish, German
- No. 30 lines per program
- Max. no. of pieces per line: 300
- No. 3 cutting levels (x y u)

TELESERVICE

This remote diagnosis system allows you to connect your PC with the Casadei technician service department via. Internet.

Software: linking program for:

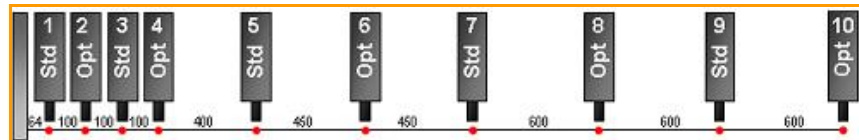
- Upgrade the machine logic and operator interface
- Back-up data and file transfer
- Control configurations, parameters and programs
- Interface and display diagnostic signals

Network cable and other items needed for internet connection not supplied. The Internet connection must be prepared by the customer.

STANDARD TECHNICAL FEATURES:

Ripping capacity	3800 mm	149" (12.5 ft)
Useable pusher stroke	3800 mm	149" (12.5 ft)
Worktable height	950 mm	37.4"
Main blade projection	87 mm	3.42"
Main blade power	9 kW	23 HP
Main blade diameter	350 mm	13.8"
Main blade arbor	80 mm	3.15"
Main blade rotation speed	3900 rpm	
Scoring blade power	1.5 kW	3 HP
Scoring blade diameter	160 mm	6.3"
Scoring blade arbor	55 mm	2.16"
Scoring rotation speed	6300 rpm	
Saw carriage speed	6 - 60 mpm	19 – 200 fpm
Maximum pusher speed	27 mpm	90 fpm
Number of grippers/ clamps	5 (standard) + 1	
Dust extraction outlets @ diameter	3 @ 120 mm 1 @ 150 mm	5" 4"
Dust extraction velocity	28 mps 1.13 m ³ /s	5500 fpm 2400 cfm
Compressed Air	6 Bar 300 NI/min	90 psi 11 cfm
Electrical Service	230 V - 3 Ph - 60 Hz	55 Amp

Gripper Spacing: 6 (pos. 1, 2, 3, 5, 7 & 9) additional grippers available at the end of the quote

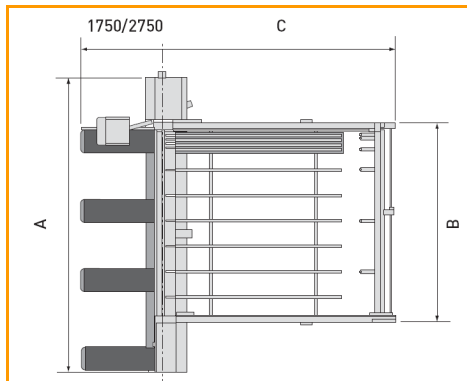


Machine Dimensions: Cutting Capacity 3800 x 3800 mm (130" x 126")

A
5400 (213")

B
3700 (146")

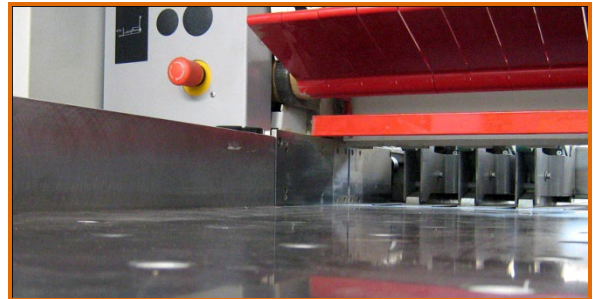
C
4260 (168")



INCLUDED FEATURES:

- CA1272** AXO 300/3800
- CA2219** Different voltage/frequency 220/230V 50/60Hz –Neutral connection
- CA2276** Saw carriage driven by rack and pinion
- CA8247** Pusher stroke 3800 mm

- CA3218** Fixed air floatation table w/ crosscut aligning fence
 - 2500 x 600 mm (98.5 x 24")



- CA8226** Two front movable air floatation tables on wheels
 - 1500 x 600 mm (59 x 24")



- CA7251** Centralized blower fan for air floating tables

- CA2239** Saw and scoring blade flanges with pneumatic locking



- CA3257** Automatic Star Delta Starter

- CA8253** Pusher positioning, magnetic strip



CA2226 Foot pedal for cycle start and stop
- useful feature for when cutting 12 ft. sheet goods



CA2214 Scoring unit with automatic exclusion

CA8255 Additional Clamps. 6 total clamps

CA3249 Ethernet port on the external chassis of the machine

CA22F4 Variable speed w/ static inverter 0-36 m/ min (19-200 ft/ min)

CA3258 Main motor upgrade 23 Hp

CA7249 Additional set of blades

CA2580 WINNCC Software Package - *see pg. 4 for additional details*

MACHINE PRICE & LEASING INFORMATION:

MACHINE PRICE:	\$ 91,500.00 USD
INSTALLATION/ TRAINING:	INCLUDED
DELIVERY:	NOT INCLUDED
TOTAL SELECTED OPTIONS: (<i>see pg. 9</i>)	\$ _____ USD
TOTAL PRICE, Installed	\$91,500.00 USD

Leasing Estimate for TOTAL MACHINE PRICE

Sixty Month lease payment (\$ 1.00 Buyout)	\$1,460.25
Cost of Ownership per machine hour, assumes 2000 hours/year, 10% buyout	\$ 9.22

The payment quoted above is an estimated payment based on the Machine Price and 10% buyout or dollar buyout. This payment should be used for financial justification purposes alone. Your actual payment may vary based on the prevailing interest rate and the credit strength of your company. Please consider that we offer some of the most competitive rates in the industry.

Please contact Kevin at (404) 759-3575 kevinmellon@casadei-busellato.com for a personalized financial proposal.

We offer a variety of leasing programs including delayed payment schedules up to SIX months, lease terms to 84 months, 12 & 24 Month Step Leases, Seasonal Skip Leases, Low interest rates, and Early Buyouts available. All programs are subject to credit approval.