HOLZMA U.S.
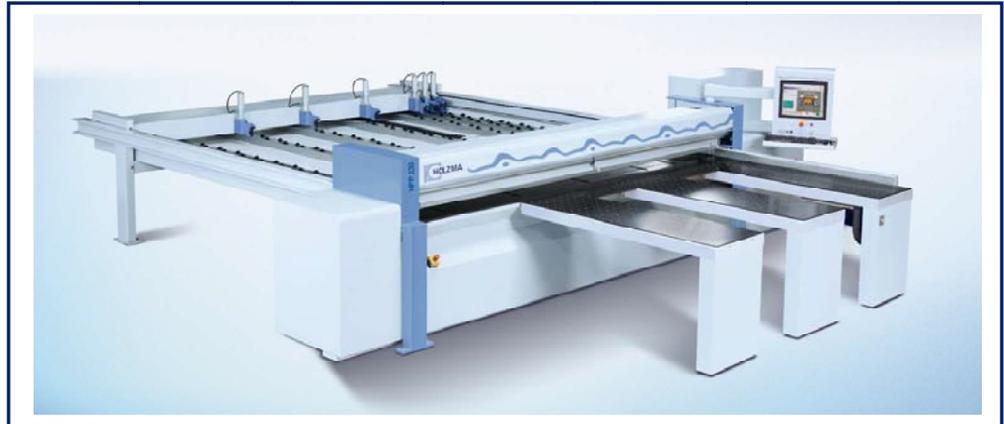Division of Stiles Machinery Inc.

HOLZMA HPP250 *US EDITION*

CADmatic 4 Practive Controller

Computer: Dell Industrial PC, Intel Core2Duo 2.8 GHZ processor
              1 GB RAM or higher (working memory)
              SATA 2/ 80.0 GB hard drive or higher
              DVD ROM Drive
              Intel extreme video graphics card
              2 Ethernet interfaces 10/100
              17 ″ Display Monitor
              Keyboard connection

Cutting length		3800 mm	150″
Cutting width		3800 mm	150″
Total connected load	14 kW		
Air pressure	Required	6 bar	86 lbs.
Total air volume	Based on 6 bar	150 nl/min.	5.3 cfm
Extraction	Minimum (Velocity)	3500 m3/h (25 m/sec.)	2062 cfm
Diameter of Dust Connectors	Pressure Beam	120 mm	4.72″
Diameter of Dust Connectors	Saw Carriage	180 mm	7.08″

Saw Carriage

- Automatic cutting height adjustment provides optimal blade exposure.
- Automatic continuous cutting length control by sensor provides optimal saw carriage travel distance, regardless of strip width.
- Cutting speed infinitely variable; adjustable from control panel..
- Scoring saw adjustment from control panel during operation. Safe and fast for the operator.

Main saw motor		9.2 kW	12 HP
Scoring saw motor		1.1 kW	1.5 HP
Projection of main saw blade (max. blade diameter 350 mm)	Max.	75 mm	2.95″
Saw carriage speed forward		0-100 m/min.	0-328 fpm
Saw carriage speed reverse	Constant	100 m/min.	328 fpm

Automatic Side Pressure Device

- Integrated into saw carriage.
- Precisely positioned by the saw carriage to reduce cycle times.
- Pressure infinitely variable.
- Automatic positioning via sensor, no pre-adjustment required.
- Alignment width: Min. 0 mm -Max: complete cutting length of machine.
- Heavy steel right angle fence is part of the machine frame leg for consistent, square cuts.

Pressure Beam

- Minimum opening for blade passage to exert pressure right at the cutting line, where it is needed.
- Guided equally on both sides by racks and pinions, which guarantee that the pressure beam remains parallel, even when cross cutting a single stack of narrow strips.
- Pressure applied equally on both sides of cut line resulting in superior cut quality.

Clamp-Equipped Program Fence

- AC servo drive electronically controls the program fence for quick, accurate positioning, with minimal wear and tear.
- The saw control constantly drives the program fence at the optimal speed of travel, regardless of distance traveled for short cycle time.
- Holzma's unique clamp design keeps single panels or complete books of panels clamped and under control of the program fence until the rip or crosscut operation is completed.
- Upper clamp jaw is covered with a special, non-marring pad, preventing any possible damage to the surface of the panel material
- Magnetically based measuring system, completely independent from the drive system of the program fence with no wear, or even touching parts for long working life.

Program fence speed, Forward/Reverse		60 m/min.	196 fpm
5 clamps (First 3 clamps with 2 fingers, all others one finger)		75 mm 275 mm 475 mm 1850 mm 2650 mm	2.95″ 10.82″ 18.70″ 72.83″ 104.3"
Opening of clamps	Max.	80 mm	3.15″

Machine Tables

- Rear support table consists of rails with narrow pitch rollers for friction-free panel movement and protection from scratches.
- Machine bed is covered with large, friction-free plates with gaps at the positions of the clamps.
- Air tables at the front of the machine for easy material handling.

Air Tables

- Three (3) Air Tables 1800 mm x 600 mm (71" x24") with 80 x80 Jet Spacing.

Information Handling Package

- Includes USB transfer/ Downloading via network
- Cadmatic Label Printing Software
- Zebra Label Printer and Stand

Automatic Grooving (Manually set Depth)

- Grooving program with entering and moving graphics.
- Manually adjusted grooving depth.
- Grooving depth set on saw carriage.
- Grooving rabbeting or dadoing occurs during the cutting cycle.
- Symmetrical grooving or rabbeting and intermittent grooving and cutting are freely programmable.
- Grooving depth +/- .1mm.
- Grooving width +/- .2mm.

Included in price of machine:

- UL Approved electrical components and switch cabinet
- Information Handling Package
- Automatic Grooving (Depth set manually)