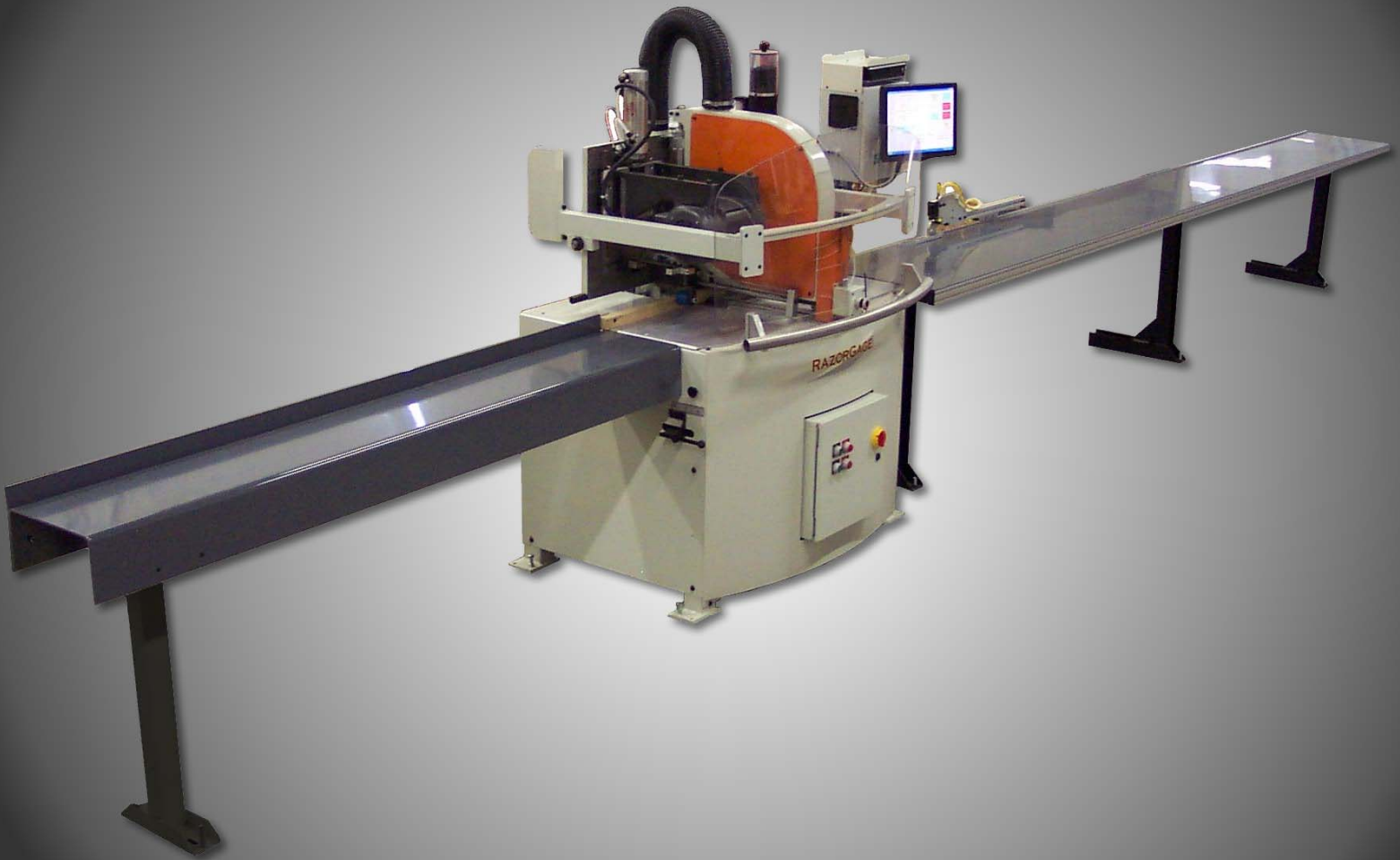


RAZORGAGE

POSITIONERS • SOFTWARE • SYSTEMS



Proudly Made in Ames, Iowa, U.S.A.
Phone 515.232.3188
Fax 515.232.2953



www.razorgage.com

RAZOROPTIMAL

Defect, optimize, cut to length, drill pocket holes, scribe face frame layout marks, and insert space balls on one machine at a rate that exceeds ONE HOUSE PER HOUR.

Easy networking with onboard Solid State PC running Windows XPe.

Simple touch screen menus allow for easy access to all the features of your system.

Choose from standard crayon defecting or optional joystick defecting.

TSI Ultra Precision Saw combines the safety aspects of an up-cut saw with the clean cutting characteristics of a down cutting saw. Direct drive 18" blade operates on THK Linear bearings for maximum rigidity.

Inkjet print directly on parts or print paper labels to keep parts organized.

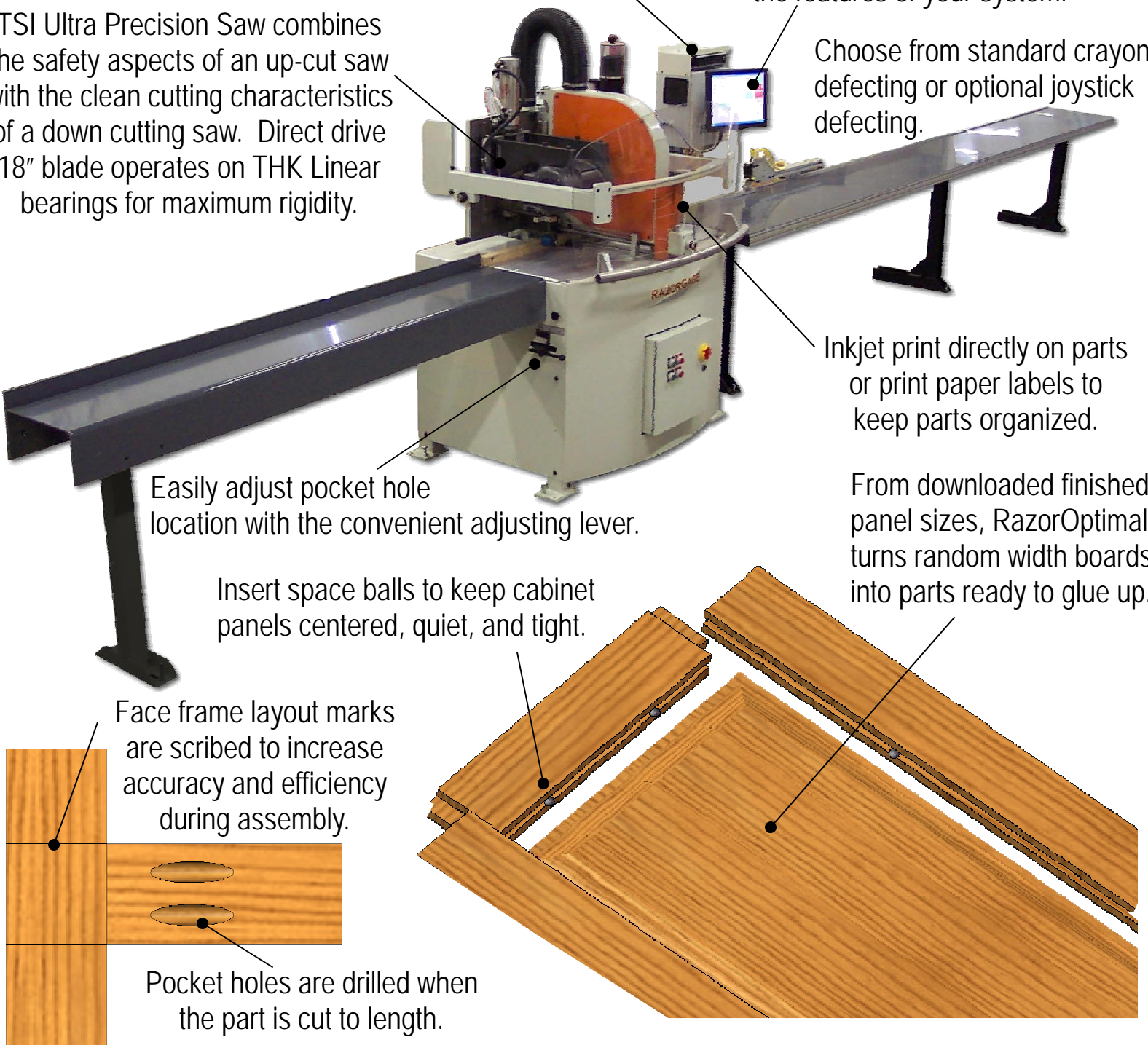
Easily adjust pocket hole location with the convenient adjusting lever.

Insert space balls to keep cabinet panels centered, quiet, and tight.

From downloaded finished panel sizes, RazorOptimal turns random width boards into parts ready to glue up.

Face frame layout marks are scribed to increase accuracy and efficiency during assembly.

Pocket holes are drilled when the part is cut to length.



For detailed information, videos, & manuals, visit www.razorgage.com

Technical Services, Inc.: Razor Optimal MD (1.31) - [OPERATION]

PARTS LIST

OPEN PARTS FILE

LABELS

DIAGNOSTICS

VIEW CUT PARTS

MORE

Purge Printer

EXIT

CURRENT STOCK TYPE

#	12 OF 12
PANEL	NO
MATERIAL	3/4 Hickory
WIDTH	2
TOTAL	786.5
SHORT	10
LONG	40.25

MOVE TO SCAN START

SCAN & GO

SCAN & WAIT

CANCEL SCAN

GO

PAUSE RUN

QUEUED BOARD

SAW STOP

LIST TYPES

POSITION	98.2783
MOVE	
ACTION	

PARTS CUT 2333

OPERATOR JIM

SUPPLIER MIGHTY OAK

USER FRIENDLY INTERFACE

Simple touch screen menus allow for easy access to all the features of your system.

Scan Results

USE & GO

USE & WAIT

CANCEL

On-screen fluorescent scan results make verification easy.

Got a rush job? Want to get all the door rails out first? With RazorOptimal you can re-sort right at the machine.

Stock (Material Type) Definition

Determines the Fields used to define different feed stocks

Available fields

THICK

ROOM

UF_3

UF_4

UF_5

UF_6

UF_7

UF_8

UF_9

PART

FILE_NAME

Stock definition: Parts are sorted by first item, then second item, then third item, etc.

MATERIAL

WIDTH

POCKET HOLE

Shift Up

Shift Down

Update Stock Definition

DONE

Board Part Labels

CUT PARTS

DELETE TOP BOARD

CLOSE

BOARD 6

3/4 MAPLE 16 1/4 18 1/4

3/4 MAPLE 16 1/4 18 1/4

3/4 MAPLE 16 1/4 18 1/4

3/4 MAPLE 16 1/4 18 1/4

BOARD 7

3/4 MAPLE 16 1/8 34 3/4

3/4 MAPLE 16 1/8 34 3/4

BOARD 8

Enable

DELETE ALL

TOP

ONE UP

ONE DOWN

PAGE UP

PAGE DOWN

BOTTOM

Return Selected Part to Parts List

View a list of cut parts and seamlessly add cut parts back into the cutlist.

Track yield & productivity associated with operators and wood suppliers.

OPERATORS/SUPPLIERS

OPERATORS

SUPPLIERS

DONE

OPERATORS

SELECT THE OPERATOR

JIM

DELETE SELECTED NAME

ENTER NEW OPERATOR

ADD NEW NAME

Label setup is easy and intuitive.

You can even chose to print decimals in fraction format.

Print Label Layout

PRINT LABELS

DONE

CANCEL

Ink Jet Parameters

PRINT HEAD OFFSET 5 INCHES

MINIMUM DISTANCE OF LABEL START FROM START OF PART 0.75 INCHES

FIELD 1

FIELD 2

FIELD 3

LINE 1 MATERIAL WIDTH x LENGTH

LINE 2 PART ROOM FILE_NAME

Print Length as fraction

Print Width as fraction

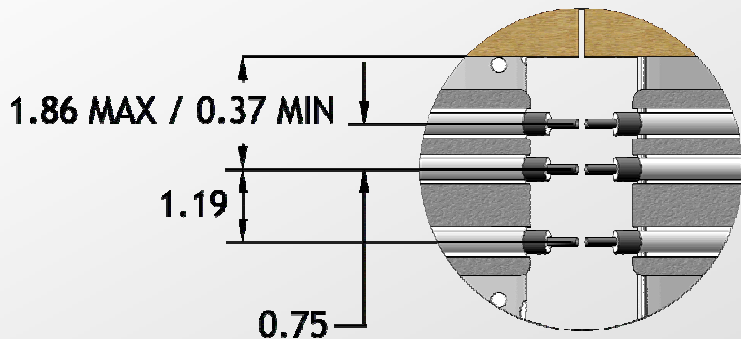
Print Thickness as fraction

On-Screen Keyboard

For detailed information, videos, & manuals, visit www.razorgage.com

SPECIFICATIONS

Power Requirement	120 VAC at 10A 230 VAC 3φ 40A 460 VAC 3φ 30A
Finished Part Accuracy	+/- 0.008" or better
Maximum Push Force	Up to 200 lbs
Operator Display	15" Color LCD Touch Screen
Network Port	RJ45 Connection
USB Ports	# of Open Ports varies
Space Ball Size	Spaceball Brand 260P
Pocket Hole Spacing	See Diagram Below

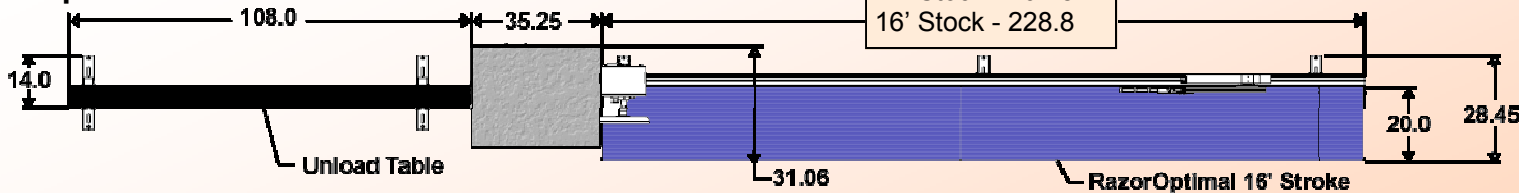


14" Up-cut Saw	
Width Capacity	1"x10", 2"x9", 3"x8"
Horsepower	5 HP
18" Up-cut Saw	
Width Capacity	2"x12", 3"x11", 4"x10"
Horsepower	10 HP
18" RazorGage Ultra-Precision Down-cut	
Max Height x Width	1.5"x12"
Horsepower	7.5 HP
Dust Collection	4" Port - 1200 CFM MIN
Air Pressure	80 psi MIN

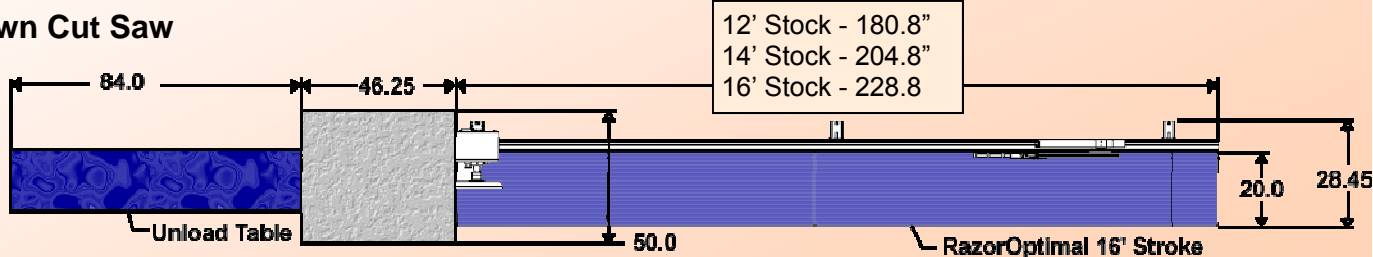
- Standard out-feed table size is 7 ft. on TSI saw, 9 feet on up cut saws. Other sizes available on request.
- Standard stock capacities— 12, 14, and 16 foot. Other lengths available upon request

RAZOROPTIMAL FOOTPRINT

18" Up Cut Saw



18" TSI Down Cut Saw



OPTIONS

RazArray - Easily sort parts with light controlled stock sorter.



Joystick Defecting

Allows you the freedom to have type A and type B defects.

RazorGage
57006 241st Street
Ames, IA 50010
Phone 515.232.3188 Fax 515.232.2953
Your Local Dealer:

For detailed information, videos, & manuals, visit www.razorgage.com