FULLY AUTOMATIC
STAIR ROUTER
3½ - AXIS CNC STAIR STRINGER ROUTER
FOR TRENCHING BOX AND OPEN STAIRS

DATA SHEET

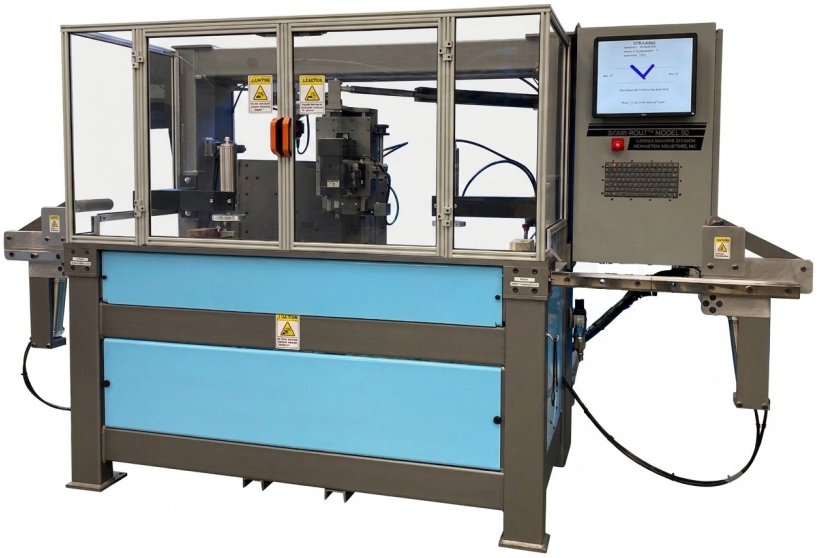
STAIR-ROUT™

Model 50

*The **Stair-Rout™ Model 50** is a fifth generation machine which uses CNC technology to automatically cut rise, run and advance the board.*

Simple screen display asks operator for rise, run and number of rise. No programming is required. Machine continuously checks for operator entry errors. Enter in fraction or decimal.

After cutting, the operator has a default choice of repeating rise, run and number of rise or changing one or more selections.



FEATURES

- High speed automatic stringer routing
- Operator choice of repeat or change
- Standard Box Step Rout with Round Nose[1]
- Automatic rise, run cutting and board advancement
- Full cutting power — two 5.5 HP motors
- High frequency motors for clean cuts (vary speed solid state drives)
- Minimal operator training required
- Screen display shows scale picture of step
- Heavy duty steel construction
- No programming required
- Stringer 6” to 16” by 5/4” to 2 1/2” (Double or single stringers)

OPERATOR SELECTIONS

(Repeat or Change)

Basic Operator	*Advanced Operator*	*Supervisor* (Password Required)
Rise	Nose Width	Speeds
Run	Nose to Fence	Feeds
Number of Rise	Pocket Length	Precision Adjustments
Other	Riser Thickness	Component Operations
Type of Rout	Rise Wedge Angle	Password Changes
Tread Thickness	Run Wedge Angle	Cut History Statistics
Nose Length	Tread Clearance	
Stringer Width	Riser Clearance	
Tool Diameter	Top Riser On/Off	
Tread Cleanout	Bottom Riser Thickness	

[1]MENU SELECTABLE OPTIONS

Standard Rout with Square Nose
Pocket Rout
Pocket Rout with Square Nose
Back Rout
Back Rout with Square Nose
Slant Riser
Center Open Horse
No Top Riser
Back Rout With Wedge
No Top Nose
Eyebrow Nosing
Open Stringers w/45 Riser Cuts

SPECIFICATIONS

Footprint w/o Overhang	70” W x 74”D
Height	68” H
Weight	3500 lbs
Motor Power Required	208-220VAC 3PH 30A
Control Power Required	115VAC 1PH 15A
Air Required	80 psi clean and dry
Tool Shank Capacity	½” Diameter

MADE
IN THE
U.S.A.

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