

RHINO MACHINES



THE STANDARD FABRICATION MACHINE FOR YOUR CUSTOM PROFILES

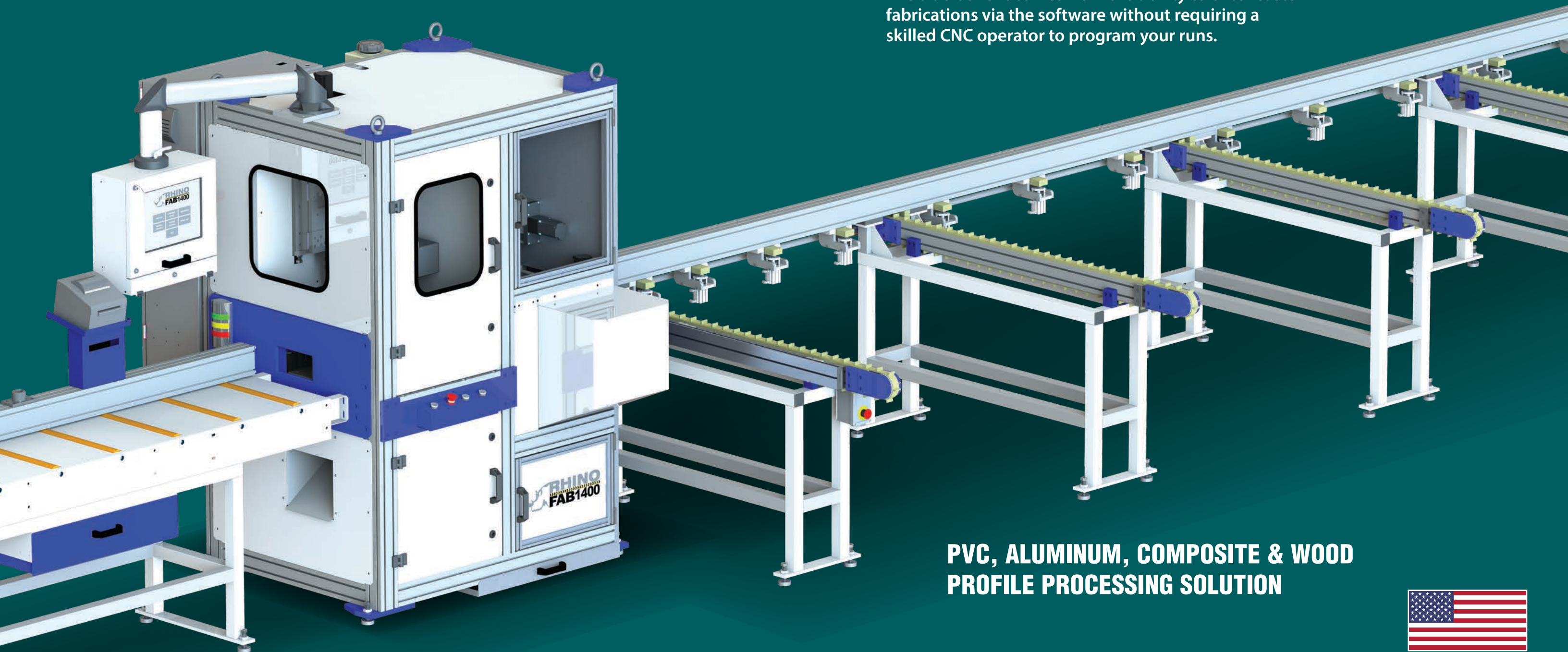


CUT, DRILL, COUNTERSINK AND ROUTE

The efficient design of the Rhino allows for routing, drilling, countersinking and cutting all at one location. The mechanical design and software features allow each axis to accurately drill and countersink the appropriate hole pattern in a single stroke of the fabricating head.

SOFTWARE

The integration of RhinoFab directly with Glazier Studio/PartnerPak provides the user with an efficient and powerful means of processing projects throughout their organization. The ability to process standard metal groups from estimate through fabrication is a great value. The true benefit comes from the ability to enter custom fabrications via the software without requiring a skilled CNC operator to program your runs.




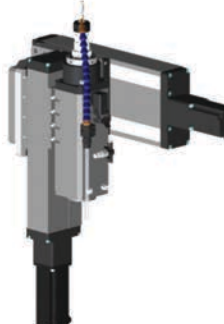

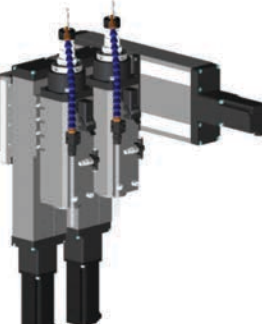


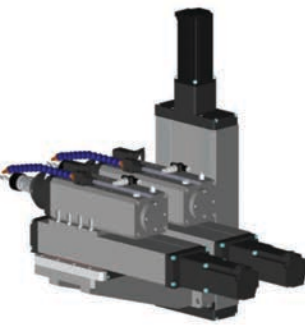
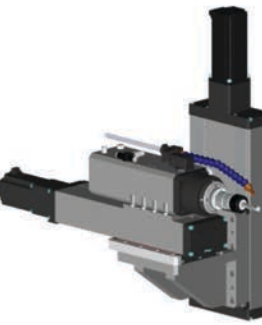

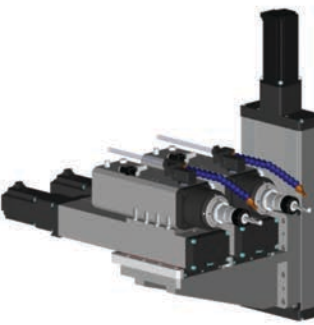


**PVC, ALUMINUM, COMPOSITE & WOOD
PROFILE PROCESSING SOLUTION**



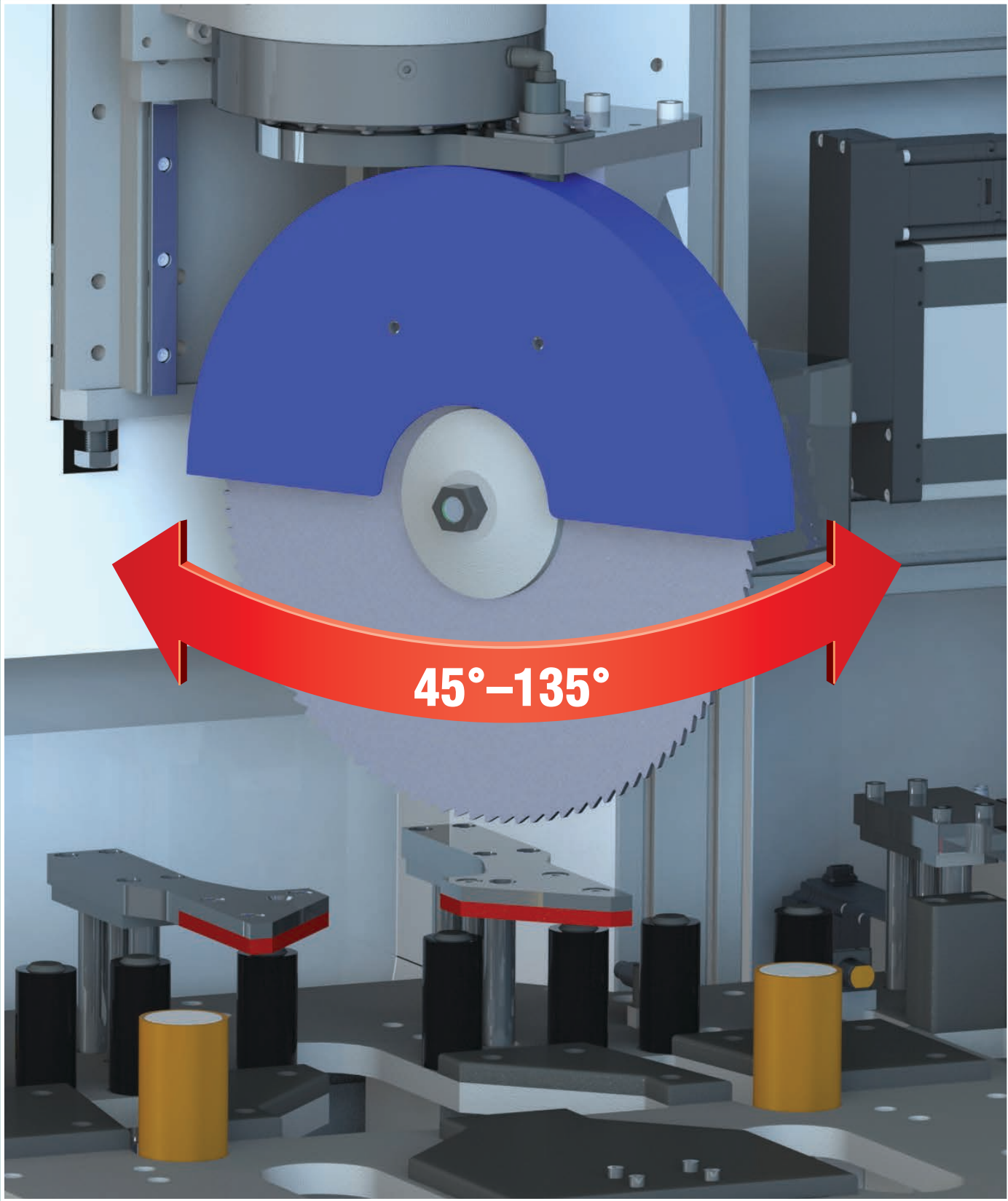
DRILL HEADS

Use any combination of axis for fabing on top, bottom, front and or back surface of profile.

	TWO AXIS DRILLING	THREE AXIS DRILLING & ROUTING	THREE AXIS DRILLING
TOP			
BOTTOM			
FRONT			
BACK			

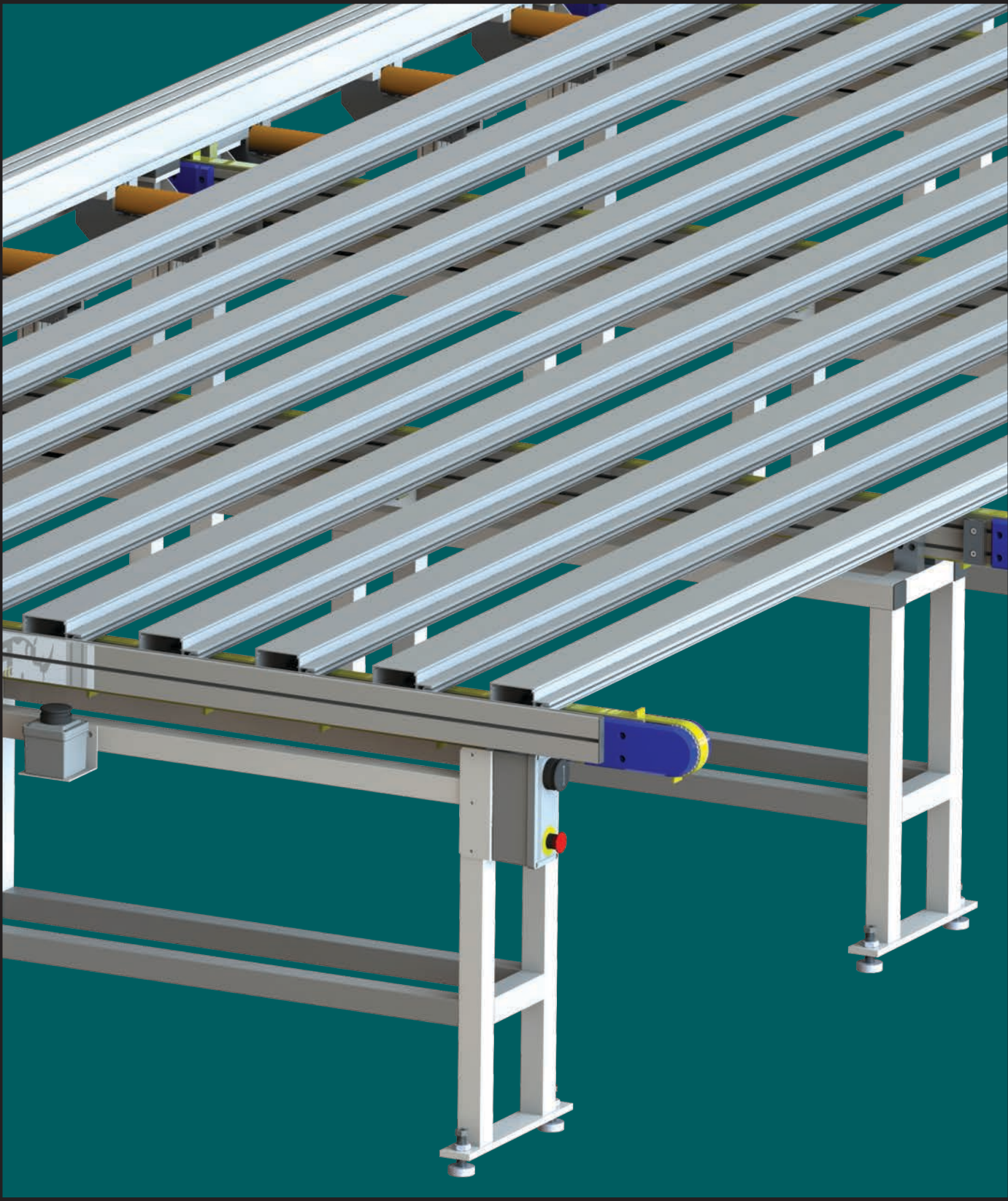
AUTOMATIC DOWN CUT MITER SAW

Carbide 16 inch blade cuts angles from 45° to 135° with the power of a 4 Hp motor.



AUTOMATED INFEED CONVEYOR (optional)

The ability to preload up to 10 stock lengths of material on the Autoloader allows your operator to continue to work on the out feed side of the machine on other tasks. The conveyor maintains the flow of stock material to the Rhino, thus keeping your operators working productively as the system cycles from stick to stick.



PRINTER (AUTOMATIC LABEL AND BARCODE)

Automatically generates label and barcodes for your material as it completes the fabrication process. The integration of the tagging with your design software allows for in process tracking of parts and the inventorying of the part and drop control material.



TECHNICAL INFORMATION

- Fully automatic drilling, routing & miter cutting.
- For precise, high speed cutting, drilling & routing of Vinyl, Fibrex, Aluminum & Wood profiles.
- Drill, Rout & Countersink on Top, Bottom, Front & Back of profile.
- Completely enclosed cutting area.
- Two Vacuum ports 6” dia. for dust extraction.
- Fully integrates with Rhino Autoloader or single profile pusher with roller tables.
- The RhinoFab1400 can take varies cut list formats.
- Complete Optimization & Drop Control.
- Servo controlled saw feed.
- Servo Controlled Saw Feed.
- Zero backlash gearbox, servo controlled rotation.
- Automatic drill bit, router bit & saw blade lubrication.
- Composite Back Fence Rollers and Guide Pads for gentle profile handling.

Specifications	Units	Data
Cutting Unit		
Down Cut Miter Saw	—	Yes
Cutting Angle	Degree	45-135
Carbide Blade Diameter	Inch	16
Saw Motor Power	Hp	4
Axis Travel		
Top/Bottom X-Axis	Inch	5.9
Top/Bottom Y-Axis	Inch	5.9
Top/Bottom Z-Axis	Inch	5.9
Front/Back X-Axis	Inch	5.9
Front/Back Y-Axis	Inch	5.9
Front/Back Z-Axis	Inch	4.9
Infeed Pusher Y-Axis	Inch	417
Infeed Autoloader X-Axis	Inch	60-120
Positioning Speed		
All X, Y, Z-Axis Speed	in/sec	0-100
Infeed Pusher Y-Axis Speed	in/sec	0-30
Infeed Autoloader X-Axis Speed	in/sec	0-30
Saw Stroke Speed	in/sec	0-6
Saw Rotation Speed	in/sec	0-300
Drilling/Milling Unit		
Electrospindle Motor Power	KW	2.5
Drill/Milling Speed	RPM	0-18000
Tool Holder, HSK32, ER25	Inch	0.060-0.65
Profile Cutting Capacity		
90 Degree, H x W	Inch	3.5 x 6.0
45-135 Degree Miter, H x W	Inch	3.5 x 5.0
Coolant System		
Saw Nozzle 3X	QTY	1
Drill/Mill Nozzle 1X	QTY	4
Automatic Central Lubrication System	QTY	1
Dimension/Weight		
RhinoFab1400 Unit	Lbs	1760
Width	Inch	60
Depth	Inch	66
Height	Inch	76

