

♦ FOX FORESTRY

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Fox Forestry's Tru-Cut line of Bandmills and Slab Surfacers are manufactured by a family-owned company in Kentucky. The Tru-Cut equipment line is primarily for the live-edge table top slab, long timbers for timber framed buildings and crane mat markets.

When you are in the market for a new sawmill you have many options that can make the purchasing process confusing. We have no desire to sell you a mill that doesn't fit your operation and needs. Every mill has it's limitations; a small hobby mill is not the proper match for a high-production pallet operation. Neither is a large circular mill the proper choice to convert high-value logs into quality masterpieces. We have put a lot of effort into designing and building cost-effective and well-built mills with track options for maximum versatility.

Here are a few areas on our mills where we have added value, these features are normally only available on large commercial mills.

- #1 Chrome cylinder rods with wiper seals and bronze bushings for smooth up and down maintence-free head movement.
- #2 High-quality stress relieved machined and balanced bandwheels with heavy-duty bearing hub system. Manufacturers have a lot of cheaper options in this area.
- #3 Hardened casters and guide wheels
- #4 All-around heavy-duty mill construction

If you have any questions, contact the team at Fox Forestry today! We are here to assist you!

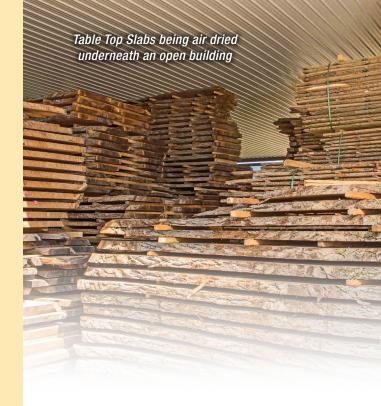
From Log to Finished Product











Turn those huge logs into profit!

The heavy-duty and easy to use Tru-Cut Wide Cut Bandmills are designed to handle massive logs, providing many opportunities for profitable and enjoyable home-based milling businesses. The huge logs that were formally of very limited value can now be used to create fine table tops and other creative masterpieces.

Homeowners and even towns frequently need to have huge trees removed that have historical or sentimental value. With these powerful mills you can convert this prized lumber into rustic live edge table top slabs, counter top slabs and more, thus preserving it's value. Longer timber can also be cut for timber frame buildings. In fact, the only cutting length limitation is the length of track system you install for your bandmill!

Many tree removal companies need to get rid of these oversized logs and are looking for drop-off points, this can also be a great way of getting quality slabs out of many different wood species for your customer base.

Meet the Tru-Cut Equipment Line!















Timber Log Bunks (left) work well for Table Top Slab Cutting

When using Concrete Slab Track, Concrete Slab Log Bunks (below) are required for cutting Dimensional Lumber and Beams. The Groundbed is a better choice if you know you will be cutting dimensional lumber that requires clamping.

GHS-70

BANDMILL

Approx. Weight = 4,500 lbs.



GHS-96 BANDMILL

The GHS-96 is very similar to the GHS-70 except 26" wider, built heavier, and geared a bit slower using the same components as the GHS-70

The 96" mills guide arms open up to 96" wide between guide wheels to make those extreme cuts. Now you can stay at the cutting edge, providing your customer base with the widest, most unique cuts going into even wider crotches.





EHS-96

BANDMILL

GHS-96

BANDMILL

Mill shown on a 96" Bolt-Together Track

Example of how your mill can go to the logs in a temporary setup



Rear view of GHS-96 on 96" bolt-together concrete slab track.

The following features on the GHS-96 and EHS-96 differ from 70" mills



Hydraulic motor and gear box used for head lift with double #80 chain from gearbox to headlift shaft



Split journal bearings on powerfeed and lift shafts for easy maintenance.

- **1** 2 ¼" top head lift shaft
- 2 2" powerfeed shaft

DIESEL OPTION

(Available on 96" Mills)
Call for Pricing

DHS-96

BANDMILL







Facing mill from front side, wire support arm is on right

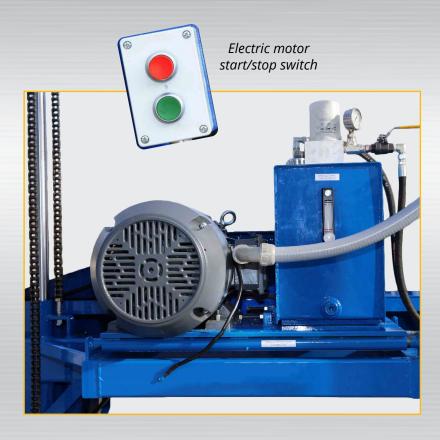
For concrete & track specs see diagram on page 21

The features of the EHS-96 mill are identical to the GHS-96 mill and the features of the EHS-70 mill are identical to the GHS-70 mill, except for the electric motor power.

The electrical components shown are standard with all electric model mills and are used on both the EHS-70 and the EHS-96.

Electric Power Requirements

- 460 Volts draws 35 Full Load Amps
- 230 Volts draws 70 Full Load Amps



Two views of 3 phase 30 HP Techtop electric motor that can be ordered in 230 or 460 volts. These motors have many features and are well proven in industrial applications.





Option #1 - Uses a cable and trolleys every 6' to 8' along electric wires



Option #2 - Uses a barn door track and trolleys every 6' to 8' along wires.

Exterior view of electrical encloser box with 50' of wire between box and motor being standard which is sufficient for 30' tracks.





Interior view of electrical enclosure - viewing safety disconnect switch, fuses and Fuji Frenica Mega Programmable Variable Frequency Drive that has all the ground fault and short circuit protection, the VFD shown will prevent electrical usage spikes which should help reduce electric energy costs.





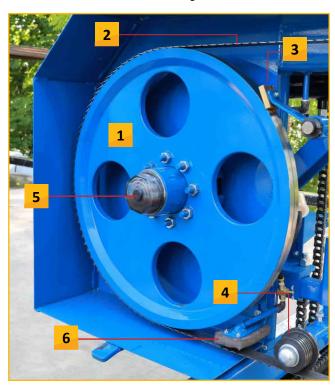
1 - Felt Pad to distribute blade lubrication on band

(Optional) Lower Guide Jaws

Have a bronze alloy metal that adjusts on the bottom side of band to prevent band from diving into guards in the event of a hard cut.



Left Bandwheel



- **1** High quality stress-relieved, machined and balanced Bandwheels for 2" bands
- **2** 2" x 340" Band for 96" Mills, 2" x 288" Band for 70" Mills
- **3** Bronze Bandwheel Scraper eliminates buildup on Bandwheel
- **4** Adjustable Machined and Hardened Roller Guide Wheels
- **5** Heavy-Duty Axle Hubs very easy and economical to service
- 6 Felt Pad to distribute blade lubrication on band



(Optional) Remote Start Panel

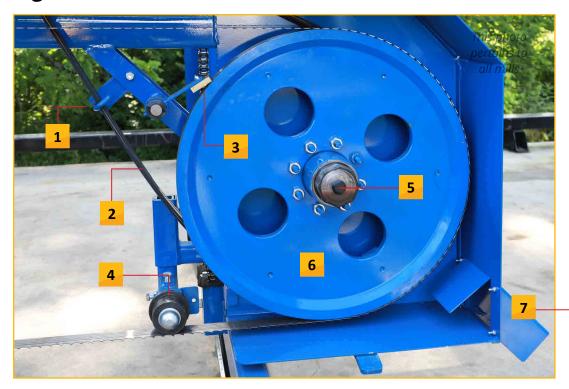
This option is available on all mills with gas-powered engines and consists of a panel with key switch, hour meter, choke and throttle cable, all conveniently located on the operator side of mill.

Tru-Cut Sawmill

Features

- 1 Filter Gauge & Relief Valve #1 (All Mills)
- **2** High quality heavy-duty 6 gallon Marine Fuel Tank with Fuel Level Gauge (GHS-70, GHS-96)
- **3** Handle that engages Blade Rotation (All Mills)
- 4 Engine Oil Drain Hose (GHS-70, GHS-96)
- **5** 35 HP Briggs Vanguard Engine (GHS-70, GHS-96)
- **6** 12 Gallon Hydraulic Oil Reservoir with Sight and Temperature Gauge (All Mills)

Right Bandwheel



- EHS-96
 - **BANDMILL**

GHS-70

BANDMILL

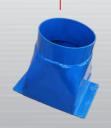
GHS-96

BANDMILL

EHS-70

BANDMILL

- 1 Belt Support helps blade come to a complete stop when bandwheels are disengaged
- 2 3B Belts on Driver Pulley
- 3 Bronze Bandwheel Scraper eliminates buildup on Bandwheel
- 4 Adjustable Machined and Hardened Roller Guide Wheels
- 5 Heavy-duty Axle Hubs very easy and economical to service
- 6 High quality stress-relieved, machined & balanced Bandwheels for 2" bands
- **7** (Optional) Sawdust Hose Adapter 6" square to round adapter that bolts to any of our mills. For connecting 6" round flexible dust collection hose to a sawdust blower.



(Optional) Sawdust Hose Adapter

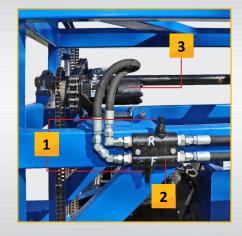
Tru-Cut Sawmill Features

Hydraulic Valve Bank with Flow Control to adjust Carriage Speed



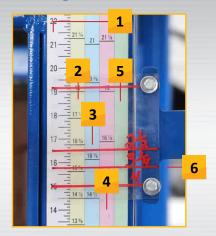
- 1 Flow Control used for speed control when sawing large logs
- 2 Control Knob
- 3 Valve Bank and Relief Valve #2

Double Cross Over Relief
Valve & Hydraulic Powerfeed
Drive Motor (Relief Valve #3))



- 1 Caps and Adjusting Set Screws
- 2 Double Cross Over Relief Valve needs to be adjusted after saw is placed on track (Refer to Owner's Manual)
- **3** Hydraulic Powerfeed Motor

Magnetic Scale



- 1 Main Scale
- 2 Scale for 1" Lumber
- 3 Scale for 1 1/2" Lumber
- 4 Scale for 2" Lumber
- 5 Create your own scale in this column
- 6 These lines used when cutting 2 1/2", 3 1/4", and 4" Table Top Slabs





View of Hydraulic Motor and Gear Box used for Head Lift

1 - #60 H Roller Chain for 70" Mills #80 H Roller Chain for 96" Mills



(Optional) Ride-on Seat & Platform for Sawmills



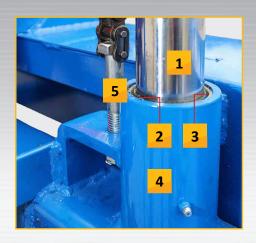
(Optional) Plastic Blade Lubrication Reservoir

Due to our standard reservoirs being steel and should not be used with a material that rusts or freezes, we offer this option for those that prefer to use water for blade lubrication.



(Optional) Bolt-on Fork Pockets

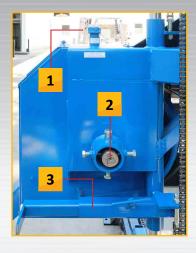
These fork pockets bolt onto the sawmill heads and adjust for fork spacing, designed to stabilize sawmill head to prevent tipping and swaying when loading and unloading.



- 1 2" Chrome Cylinder Rod for smooth maintenance-free up and down head movement (All Mills)
- 2 Wiper Seal to keep dirt out and grease in (All Mills)
- 3 Bronze Bushing inside of round tube below wiper seal for smooth up and down head movement (All Mills)
- 4 1 or 2 Pumps Daily of a #O Grease aids in smooth, maintence-free head movement (All Mills)
- **5** Adjusting bolt to provide tension to lift chains (All Mills)



- 1 Air Vent Knob
- 2 Hydraulic Hand Pump used to tension band
- 3 Gauge shows proper band tension
- 4 Flow Control Valve with Check Valve Knob can be left closed to pump up pressure but must be opened to release pressure.
- **5** Must be closed to apply band pressure, but must be opened to release band pressure.



- 1 Blade Lubrication Fill Spout in Main Beam
- 2 4-Bolt Band Wheel and Blade Tracking System
- 3 In and Out Guide Wheel Adjustment





BANDMILL







- 1 Blade Tension Cylinder
- 2 Blade Lubrication On-Off Valve

Hardened Casters used on all Sawmills. Bearings can be replaced by removing retaining rings.





Hardened Casters and Bronze Track Scrapers on 3/4" x 3/4" Rail



Tru-Cut Slab Surfacers

Welcome to the newest set of machines in the Tru-Cut Equipment Line! Complimenting our existing equipment line, the Tru-Cut Slab Surfacers are rugged industrial machines developed through customer feedback, and the need for higher speed and performance, to improve inconvenient, slow, and labor-intensive processes currently being used for planing and sanding tabletop slabs and other large surfaces.

The Tru-Cut Slab Surfacers are designed and built for flexibility and performance with 18" vertical movement to plane and sand large timbers. The GSS-70 and ESS-70 Surfacers have a horizontal side to side coverage of 73". The SS-96 and ESS-96 have a 99" side to side coverage to accommodate your largest slabs. With plenty of choices on custom length tracks, these machines are ready to take your woodworking and markets to the next level.

Several other points of consideration:

- **#1** If you are cutting and selling your live edge slabs green, the current market would indicate some species of slabs double or triple in value when dried and planed, ready to be made into tables or furniture. Which is adding significant value to your product.
- #2 If you are a furniture builder using large slabs for tables or counter tops, you should be able to buy your slabs considerably cheaper if you finish them.
- #3 The GSS-70 & ESS-70 Slab Surfacers will operate on the same track as our 70" Mills.

The GSS-96 and ESS-96 Slab Surfacers will operate on the same tracks as our 96" Mills.

So if you already have one of our Mills with Groundbed tracks we can supply you with slab clamps for your existing Groundbed Track, so that your slab surfacer can store on one end of your Groundbed Track while your sawmill is in use or vise versa.

We can also provide you with a complete package with custom-length Groundbed Track featuring clamps, spaced for your needs. If you need any assistance in the purchasing and set-up stages - please contact Fox Forestry.

GSS-96 and ESS-96 can be mounted on tracks for 96" Mills, and GSS-70 and ESS-70 Surfacer can be mounted on tracks for 70" Mills.

Surfacer can be moved to end of track when using your Band Mill!

GSS-70

SLAB SURFACER

Approx. Weight = 4,750 lbs.



Slab Surfacer Features

Gas Power



Engine shown with 2 Direct Drive Hydraulic Pumps to power machine. Engine oil drain hose shown.







- 35 HP Briggs Vanguard Engine is mounted on rubber isolated plate large enough to add optional dust collection blower that can be powered with existing engine.
- Manual Canister mounted in an out-of-the way location
- 6 Gallon High-Quality Marine-Grade Fuel Tank with fuel level gauge



Blower Belt Guard removed to show clarity



Showing Sawdust Blower with Guard in place

Electric Power Requirements

- 460 Volts draws 42 Full Load Amps
- 230 Volts draws 84 Full Load Amps



30 HP 3-Phase Electric Tectop Motor direct coupled to Tandem Hydraulic Pumps. Also showing Sawdust Blower.

Inside of safety disconnect enclosure, provided with Electric-powered Electric Power

Surfacers. Showing disconnect switch, soft start for 30HP motor, & adjustable time delay for 5 HP blower motor. These motor controls allow for smooth starting & eliminate high power usage spikes, which helps reduce energy costs.







Another view of Sawdust Blower with 5HP 3-Phase Techtop Motor for Power Source.



Shows Electric Motor stop-start switch conveniently located above hydraulic controls.



Uses a cable and trolleys every 6' to 8' along electric wires



Uses a barn door track & trolleys every 6' to 8' along wires



Slab Surfacer Features



Viewing Hydraulic Valves, Flow Controls, and Gauges.

Hydraulic valves are used to engage cutterhead and power feed, as well as moving cutterhead left to right. Fourth hydraulic valve with bent handle is for power lift, for vertical movement of cutterhead. Flow controls are used for adjusting speeds on Cutterhead and Sanding Head. Also for adjusting travel speed along track. When planing or sanding, flow control valve on right adjusts powerfeed, travel speed, cutterhead pressure gauge needs to maintain a pressure between 1000 - 1500 PSI for GSS-70 and GSS-96 gas-powered slab surfacers, and a pressure between 1500-2200 for ESS-70 and ESS-96 electric-powered Slab Surfacers, while planing and sanding.



Hardened Casters and Bronze Track Scrapers on 3/4" x 3/4" Rail

Hardened Casters
used on all Slab
Surfacers.
Bearings can
be replaced
by removing
retaining rings



Viewing Hydraulic Motor and Gear Reducer, used to power Slab Surfacer along track.



Powerfeed Chains & Idler Sprockets



Viewing 90 Gallon Hydraulic Oil Reservoir with Return Filter and Oil Level Temperature Gauge



(Optional) Ride-on Seat & Platform for Slab Surfacers

ESS-70

SLAB SURFACER

ESS-96

SLAB SURFACER

GSS-70

SLAB SURFACER

GSS-96

SLAB SURFACER

Applies to Page 18 & 19

Viewing the heart of the machine

Rear View of Horizontal Scale, 3" Chrome Rods, Ball Screw, and Linear Bearing all used to achieve a 73" horizontal cutterhead coverage for models GSS-70 and ESS-70. A 99" coverage for models GSS-96 and ESS-96.









Viewing front side of Cutterhead Guard with flexible bristle brush, which creates a vacuum seal against material being surfaced, so the dust collection blower can remove wood shavings. Also 1-1/2" Cutterhead Shaft going through top of dust collection hood.

Viewing Hydraulic Cutterhead Motor, Rubber Coupler, Bearing, and Cutterhead Arborshaft





Viewing Engine Controls. Key Switch, Choke and Throttle conveniently located on operator side of machine (GSS-70 & GSS-96).

Viewing Vertical Scale. Showing height of cutterhead off of bed.
 Also 2" chrome cylinder rods, 1¼" precision acme screws used for vertical positioning of cutterhead. Cutterhead has 18" of vertical movement allowing for planing and sanding of large timbers.

 Side View of Hydraulic Motor, Ball Screw, 3" Chrome Cylinder Rod, and Linear Bearings.

- Angle View of Track Lube Reservoir used to put small amounts of lubricant on track to assist scrapers in keeping track cleaned as necessary.
- Also viewing ratcheting handle and gear reducer used for precise vertical adjustment of cutterhead.

 One round of handle moves cutterhead 1/32". Also available with Powerlift

option. See other photo.



Hydraulic motor powers a 20-1 Gear Reducer for powerlift of Cutterhead.



Indicator Wheel used by operator when micro-adjusting the cutterhead vertically when sanding.



SLAB SURFACER

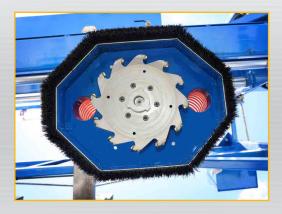


SLAB SURFACER



SLAB SURFACER





Viewing 14" diameter 12-Tooth Replaceable Carbide Cutter with adapter machined in bottom to receive sanding head.



16" Diameter Sanding Head attaches to bottom of cutterhead with a quarter turn twist lock. When finished planing, simply attach sanding head to bottom of cutterhead. With a simple quarter turn twist lock raise head several inches and you are ready to sand.

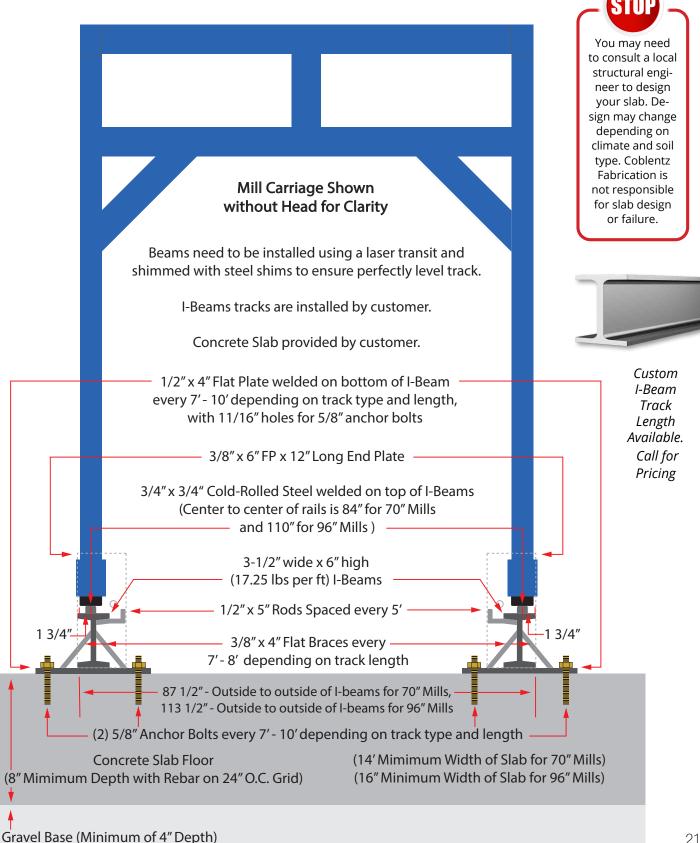


End View of Groundbed with Clamps for planing & sanding, tabletops or any large surfaces. The clamps on the 70" Groundbed have the ability to clamp up to 65" wide. The clamps on the 96" Groundbed have the ability to clamp up to 99" wide surfaces. One of the best features of our slab surfacers is, they will operate on the same tracks as our Mills. The Slab Surfacer can also be stored on 1 end of the track while Mill is in use. Or we can build a seperate track if you prefer to have your sawmill and Slab Surfacer set up at different locations.

Concrete Slab Track Installation Guide

I-Beam Track on top of Concrete Slab (Concrete Slab provided by Customer)

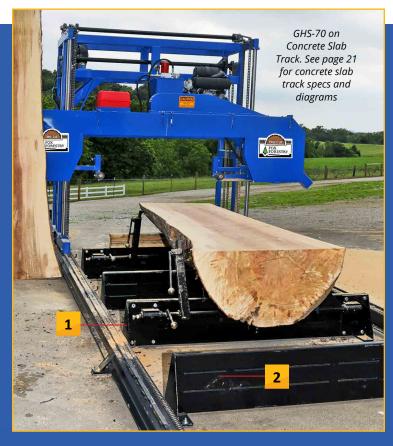
Track Measurements for 70" and 96" Mills and Slab Surfacers



Concrete Slab Track for 70" and 96" Equipment

I-Beam Track that can be mounted on concrete slab

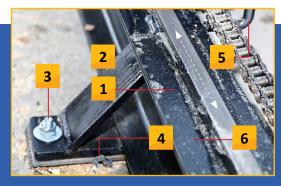
Details of Concrete Slab



Concrete Slab Log Bunks #1 and #2 are optional for Concrete Slab Track



- 1 Concrete Slab Log Bunk #1 w/ Log Clamp & Square Arm
- 2 Concrete Slab Log Bunk #2



- 1 Caster Rail
- 4 Metal Shim
- 2 Brace
- 5 Chain Support
- **3** 1/2" Anchor Bolt **6** 6" x 17.25 lbs. per ft I-beams

Concrete Slab Log Bunk from Log Clamp End



- 1 Heavy-Duty Sliding Cam Action Style Log Clamp
- 2 Handle operates square arm on opposite side
- 3 Jamb Bolt puts tension on square arm to hold at proper height



Concrete Slab Log Bunk #1 shown from Fold-

1 - Fold-down Square Arm folds down with handle on opposite side

96" Bolt-Together Track for Sawmills and Slab Surfacers

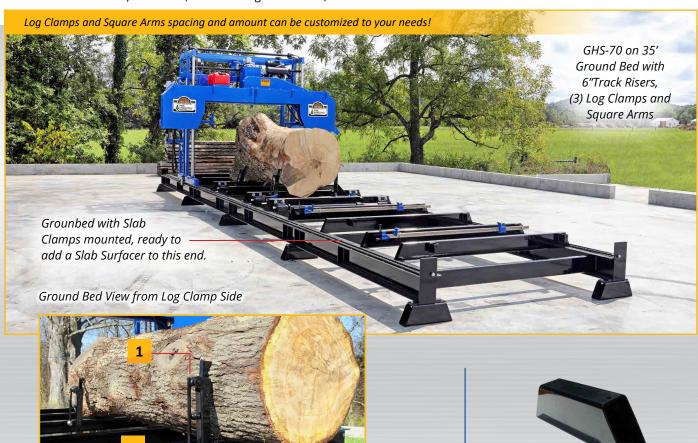


This track system uses concrete slab track plus 1/4" x 4" x 4" tubing track spacers to create a 96" track system that can be set up and bolted together in your log yard or anywhere you desire. This is also a very economical track to ship.

70" and 96" Groundbeds

Approx. Weight = 4,250 lbs. (70" x 30' Long Groundbed) = 4,800 lbs. (96" x 30' Long Groundbed)

70" Sawmills/Slab Surfacers operate on the 70" Groundbeds. 96" Sawmills/Slab Surfacers operate on the 96" Groundbeds.



- 1 Heavy-duty Sliding Cam Action Style Log Clamp
- 2 Jamb Bolt puts tension on square arm to hold at proper height
- 3 Handle that operates square arm on opposite side

Power Feed Chains and Chain Idler Sprockets Installation View

(Optional) 6" Track Riser can be ordered with any style of track (shown above)

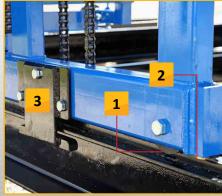
Raises the tracks or ground bed

6" and makes easier cleanup

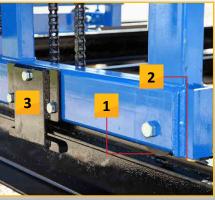


Ground Bed View from Square Arm Side

1 - Fold-down Square Arm folds down with handle on opposite side



- 1 Hardened Casters
- 2 Bronze Track Scraper
- 3 Hold-down Bracket (keeps Mill from derailing from track)



1 - Bolt to tension Power Feed Chain

WIDE-CUT







TRU-CUT BANDMILLS & SLAB SURFACERS

Limited Product Warranty		
Product	Length of Warranty	Effective Date
Engine	3 years	Date of original purchase
Workmanship, Manufacturing by Coblentz Fab	2 years	Date of original purchase
Most Components	1 year	Date of original purchase
Electric Motors and Components	1 year	Date of original purchase
*All Warranties are subject to Coblentz Fabrication Approval		



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