

BAKER Circular Tri-Scragg Mill **Products**



Optional operator's
saw cab.



The Baker Circular Tri-Scragg Mill.

Overview

If you've been trying to think of how you can simplify your assembly line process, we've just made your choice easy.

The Baker Circular Tri-Scragg Mill uses a "dip-dog" drag feed with drop links every 12" to allow end-to-end feeding. After the log is sawn by two 48" circular blades, the two-sided scragg block is then fed through a horizontal band blade. Self-centering wheels center the two-sided scragg block and eliminate twisting as it passes. The horizontal band blade splits the scragg block, making it into two three-sided cants, ready to be resawn.

Choose the Baker Circular Tri-Scragg Mill. It's a combination you can't get anywhere else.

Features

- Accepts scragg blocks 6" to 16" in diameter, and 36" to 60" long
- Gives a high yield of up to 75%*
- Proven to produce up to 30,000 bf per day*
- Circular saws easily move in and out to desired width setting
- Uniframe construction
- Fully guarded
- Easy quick setup
- Totally electrical complete
- Two 48" circular blades cut with $\frac{5}{16}$ " kerf
- One 13'2" x 1'4" band blade cuts with $\frac{1}{16}$ " + kerf
- Runs frozen wood easily
- Debarking is not necessary
- Operators control station
- High production and low maintenance
- No special floor required

*Actual recovery rate and production dictated by log diameter.

BAKER
Products

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BAKER *Circular Tri-Scragg Mill* **Products**

Specifications

Production Rate: Up to 30,000 bf per day*

Dimensions & Weight: *Call for details*

Band Wheels: Dynamically balanced 28" solid metal wheels

Feed Speed: Variable

Guides: Baker's Exclusive Flat Guide System

Controls: Hydraulic

Blades: Two 48" (122 cm) circular blades
Standard (Cuts with $\frac{5}{16}$ " [8 mm] kerf)
One 13' 2" X 1 $\frac{1}{4}$ " (4 m x 32 mm) band blade
(Cuts with $\frac{3}{16}$ " + [1.6 mm+] kerf)

Band Blade Height Settings: Operator controlled hydraulics

Width Control:
Standard: Two point hydraulic networks

Band Blade Tensioning: Spring

Recommended CFM for Dust Removal:
A minimum of 3,600 CFM for circular blades and a minimum of 600 CFM for the band blade

Sawdust Removal: One 10" dust pipe outlet handles the dust for both circular saws and one 4" outlet provided for dust removal from band headrig

Power

Drive Motors: Two 50 HP Standard (37 kw) (Each Circular Blade)
One 20 HP Standard (15 kw) (Band Blade)

Hydraulic Feedworks Power Pack:
Up to 15 HP (11 kw) available
1,500 PSI sized to accommodate options

Electrical: All voltages available; Standard: 220V or 440V 3-phase 60Hz; machine completely prewired;

NEMA 12 enclosure with starters, disconnects, control voltage transformer and circuit overload protectors start/stop station with E-stop button

Capacities

Log Diameter: 6" (152 mm) min. 16" (406 mm) max.

Log Length: 36" min. (914 mm) 60" max. (1,524 mm)

Options

Sharp chain drag feed with spike links spaced every 6" (152 mm)

Operator's saw cab

Log turner/positioner

Air conditioning for saw cab

Log infeed deck with single log loading pac-man system

Heater for saw cab

Powered hold-down wheels

Complete systems

Longer log lengths available to 8' max. (2.4 m) upon request

Complementary equipment such as edgers, double end trims, band slab edgers, resaws, connecting conveyors, etc. are available.

Computer controlled networks

Log debarker and log merchandising

Product specifications are subject to change without notice.

02/18/03

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