

# Armstrong

## Automatic Band Saw Sharpeners

### *The Great Performers!*

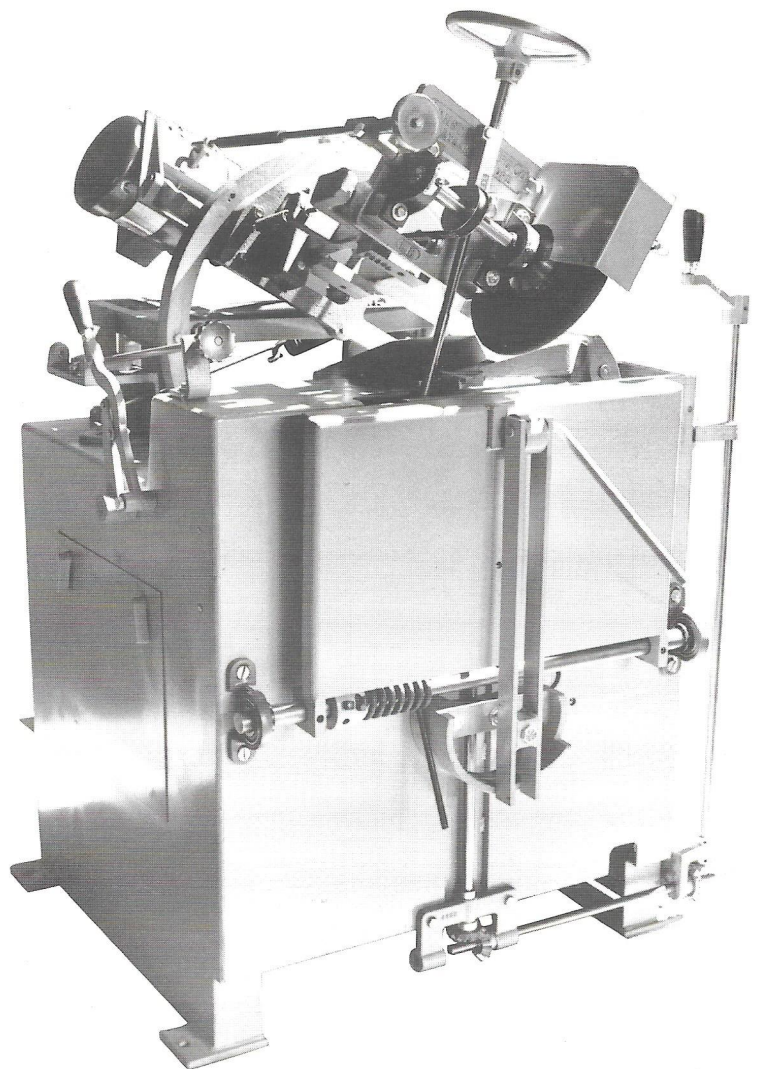
#### **Featuring:**

- **Rugged steel and cast-iron construction**  
*Durability to deliver years of precision performance*
- **Multiple, over-sized UHMW cams**  
*Smoother action, longer wear and quick, simple change-over from one tooth shape to another*
- **Smooth, Uniform Grinding**  
*During quick resharpenings or heavy grind-downs*
- **Reduction in saw cracks**  
*Due to smoother grinding in the gullet area*
- **Lower overall costs**  
*Precision grinding saves on grinding wheels, spare parts, and saw consumption!*

**GREAT PERFORMERS** withstand the test of time. Armstrong Band Saw Sharpeners have passed this test and continue to serve saw filers, as they have for over 50 years. Armstrong machines are prized worldwide for their precision performance, rugged dependability, ease of operation and readily available spare parts. All adjustments are positive and easy to make for many years of fine, trouble-free service.

#### **All Armstrong Band Saw Sharpeners come standard with:**

- **Improved Heavy-Duty Rocker Arm Assembly**  
These stronger rocker arms increase the life of your grinding wheels and provide a much smoother grind on your saws. This improved design helps achieve sharper saws with less chance of gullet cracks.
- **UHMW Cams**  
Armstrong sharpeners are designed to use up to three pairs of cams, allowing the operator to change tooth designs sim-



*Armstrong No. 4 left hand Band Saw Sharpener. Two models available, both right and left hand. Depending on the model, Armstrong sharpeners can sharpen saws from 1" to 14" wide. Full flood sharpeners available for saws 5" to 16" wide.*

ply by moving a lever and locking the cam shaft into a new position. Each pair of cams is individually adjustable to enable the filer to produce a precise tooth shape. One pair of cams is supplied with each sharpener.

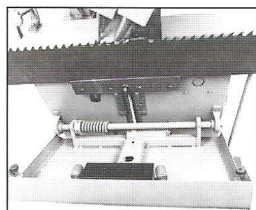
- **Carbide Faceplate**  
An oversized, self-cleaning carbide faceplate is standard on all new band saw sharpeners. This faceplate has carbide strips set out from the steel backing plate for a wear surface that stays clean and can be reground.
- **Safety Guards**  
Safety guards, covering the pulley, belts and the grinding wheels, are standard on all sharpeners.
- **Adjustable Post Brackets**  
For each machine, Armstrong provides both manual and automatic post brackets. Automatic post brackets raise and lower simultaneously as the saw height is adjusted.



# Armstrong Band Saw Sharpeners

## The Great Performers!

### BAND SAW SHARPENER OPTIONS:



#### ■ StrongArm II Power Clamp

The StrongArm II Air Clamp features two clamping pressures for increased grinding accuracy and extra sharp saws. The saw is clamped firmly to the carbide face-

plate during face grinding while reduced pressure keeps the saw in line against the faceplate as the saw is advanced.

#### ■ No. 75 Air Back Feed Unit

Use of an air back feed unit delivers better capacity and a smoother, more uniform feed of the saw into the sharpener. The air back feed works independently, so there is less wear and strain on the sharpener itself.

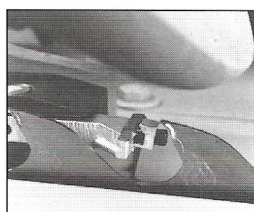
#### ■ Gullet Guard

The Gullet Guard carbide inserted grinding burr removal tool is available for any band saw sharpener, regardless of maker or age of machine. The Gullet Guard comes with a replaceable carbide insert with several wear surfaces for years of use.

#### ■ Narrow Saw Liner

For extremely narrow saw applications, Armstrong provides saw liners that act as a spacer in the saw carriage. This allows the

operator to accurately grind single cut saws as narrow as 4" wide on a No. 4 model sharpener, or 6-1/2" wide on a No. 6 model sharpener.



#### ■ SideWinder Feed Finger

The SideWinder Feed Finger is designed for increased accuracy in profile grinding both Stellite tipped and swaged tooth saws. The SideWinder pivots around the side

of the tooth just below the Stellite tip or swaged point, instead of over the top.

To ensure accurate grinding, the SideWinder is easily adjusted to position the feed finger square to the tooth. The swaged tooth version of the SideWinder also independently adjusts the carbide point to feed in the center of the swage pocket.

### Factory Rebuilt Sharpeners

*Armstrong now offers a limited number of second hand Nos. 2, 4 and 6 Band Saw Sharpeners that have been rebuilt with new components to our original specifications. Contract Armstrong for a proposal.*

### PRO-Filer

*For information on the PRO-Filer full flood precision band saw sharpener developed to provide sawmillers with sharper, more uniform saws, contact Armstrong or your local Stocking Distributor/Service Center.*

## PRODUCT SELECTION CHART

	Single Cut Saws	Shake Saws	Single Cut Saws	Double Cut Saws	Single Cut Saws	Double Cut Saws
Model Number:	2	2-S	4	4-D	6	6-D
Saw Width	2" to 8"	1" to 2"	6" to 14"***	6" to 14"	8-1/2" to 16"***	8-1/2" to 16"
Tooth Space (Max.)	2"	2"	2-1/2"	2-1/2"	3-1/2"	3-1/2"
Tooth Depth	1/4" to 7/8"	1/4" to 7/8"	3/8" to 1-1/4"	3/8" to 1-1/4"	1/2" to 1-1/2"	1/2" to 1-1/2"
Grinding Wheel Size	10" O.D.x1" hole	10" O.D.x1" hole	12" O.D.x1-1/4" hole	12" O.D.x1-1/4" hole	12" O.D.x1-1/4" hole	12" O.D.x1-1/4" hole
Dust Pipe Size	3"	3"	4"	4"	4"	4"
Hand Post Brackets	4 No. 13**	None	3 No. 16	5 No. 16 w/belt	3 No. 16	5 No. 16 w/belt
Auto. Post Brackets	1 No. 14	None	1 No. 17	1 No. 17 w/belt	1 No. 17	1 No. 17 w/belt
Back Feed Guides		None	1 No. 18*	2 No. 18*	1 No. 18*	2 No. 18*

\*Not supplied when optional 75 Air Back Feed Unit is ordered. \*\*Two No. 13-Post Brackets supplied when optional 75 Back Feed Unit is ordered.

\*\*\*With saw liner, a No. 4 can handle saw widths of 4" to 14". A No. 6 can handle saws 6-1/2" to 16" wide.

NOTE: The No. 6 Sharpener has been discontinued. All spare parts, including cams, SideWinder, StrongArm and Post Brackets are available.

## Armstrong Manufacturing Company

2135 NW 21st Avenue • P.O. Box 3008 • Portland, Oregon 97208 U.S.A.

(503) 228-8381 • FAX: (503) 228-8384