

NEW Atlas 12" METAL CUTTING BAND SAW

The Atlas 12-inch metal cutting band saw is a two-speed machine that makes quick easy work of trimming and contour sawing a wide range of metals—from iron and steel, including stainless and high carbon—to brass and copper. It's rugged, accurate, efficient, easily portable. And it's low in cost, both initial and operating.

Check your sawing requirements against the specifications listed below. Then visit your Atlas dealer. See for yourself the many Atlas features that will speed production and save real money in your shop.

DRIVE: The 4510 is driven by V-belt from motor, and power is transferred to saw wheel drive spindle thru two sets of sprocket wheels and roller chains. Wheels and chains are hardened steel. Wheel shafts are $\frac{5}{8}$ " diameter steel, precision ground. Each wheel shaft turns on two, large, sealed-for-life ball bearings.

SPEEDS: Blade speeds of 100 and 250 fpm are obtained by merely shifting the position of the V-belt in the two-step pulleys. Floating motor rail, furnished, makes belt changing a quick, easy job.

CAPACITY: Cuts to the center of a 24" circle. $6\frac{1}{4}$ " capacity above table.

TABLE: Massive 14" x 14" table is thick grey iron, precision ground on top for smooth sliding of work. Tilts 45° to right. Table is supported by two large trunnions spaced $4\frac{1}{8}$ " apart—a rigid support for heavy work.

GUIDES: Blade is directed by four adjustable blade guides—two above and two below the table. Blade guides are hardened steel. Blade is supported by large sealed ball bearings, one above and one below table. All guides adjust quickly and easily to suit width and gauge of blade.

WHEELS: Saw wheels are aluminum, carefully balanced for minimum vibration. They are crowned to keep blade centered, have replaceable rubber tires that protect blade and prevent power loss. Each wheel turns on two ball bearings, grease packed and sealed-for-life against dust and dirt. Upper wheel tilts for correct blade alignment, rides on clapper box casting attached to top of slide bracket, has heavy duty tension spring. Blade support, tension, and upper saw wheel tilt controls are conveniently located for quick, easy set up.

Blade is entirely guarded, only the portion engaging the work is exposed. Wheel guards can be quickly removed for changing blades, cleaning and lubrication.

FRAME: Base and arm are heavy grey-iron castings—braced and reinforced to minimize vibration.

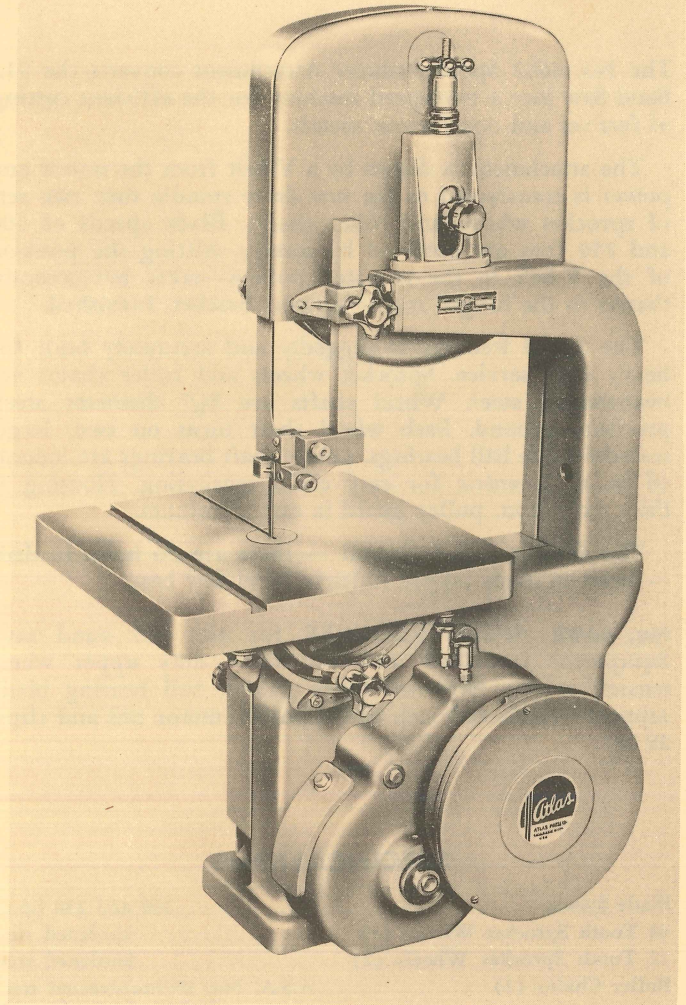
No. 4510 12-inch METAL CUTTING BAND SAW, with $\frac{3}{8}$ " blade, V-belt, saw pulley, motor pulley with $\frac{3}{8}$ " bore, motor rail and clips, less motor. 150 lb.

ACCESSORIES

No. 9013 STAND for No. 4510 Band Saw. Heavy gauge steel, 13" x 27" x 27" high. 36 lb.

No. 3228 MITRE GAUGE for No. 4510 Band Saw. Graduated 60° left and right in 1° divisions. Locks securely at desired angle. Face $1\frac{1}{2}$ " x 6". Fits $\frac{1}{4}$ " x $\frac{5}{8}$ " slot. 2 $\frac{1}{4}$ lb.

No. 3261 EXTENSION STOP ROD ASSEMBLY. For use with No. 3228 Mitre Gauge. Simplifies duplicate work. 10 oz.



METAL CUTTING BLADES

No.	Width	Teeth Per Inch
4630	$\frac{3}{8}$ "	10
4631	$\frac{3}{8}$ "	18
4632	$\frac{3}{8}$ "	32

SPECIFICATIONS

Throat Capacity	12"
Maximum Depth of Cut	$6\frac{1}{4}$ "
Blade Speeds	100 and 250 fpm
Size of Table	14" x 14"
Table Tilts	45° to right
Table Height	15"
Wheel Bearings (four)	Ball Bearings
Blade Guide Blocks (four)	Steel
Blade Support Wheels (two)	Ball Bearing
Blade Dimensions	.83" x .025" x $\frac{3}{8}$ "
Motor Pulley	$\frac{3}{8}$ " bore
Overall, less motor	14" x 22 $\frac{1}{4}$ " x 35-9/16" high
Base Dimensions	6 $\frac{3}{4}$ " x 16"
Net Weight, less motor	132 lb.
Shipping Weight, less motor	150 lb.

$\frac{1}{3}$ or $\frac{1}{2}$ HP 1725 RPM motor is recommended

NEW Atlas SPEED REDUCER

For No. 912 Band Saw

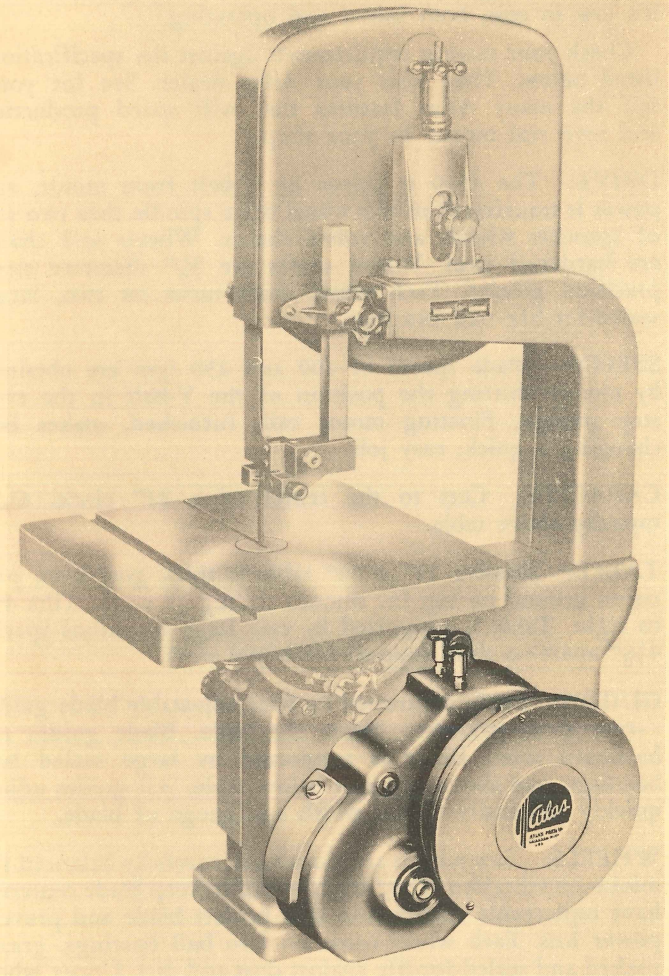
The No. 4602 Speed Reducer Attachment converts the 912 Band Saw into a two-speed machine for the efficient cutting of ferrous and non ferrous metals.

The attachment is driven by a V-belt from the motor and power is transferred to the saw drive spindle thru two sets of sprocket wheels and roller chains. Blade speeds of 100 and 250 fpm are obtained by merely shifting the position of the V-belt in the two-step pulleys—takes but seconds, thanks to the hinged motor support bracket, furnished.

The Speed Reducer is ruggedly and accurately built for heavy duty service. Sprocket wheels and roller chains are heat-treated steel. Wheel shafts are $\frac{5}{8}$ " diameter steel, precision ground. Each wheel shaft turns on two, large, sealed-for-life ball bearings. Lower shaft bearings are mounted in an eccentric for easy chain tensioning. Housing is thick grey iron, pulley guard is cast aluminum.

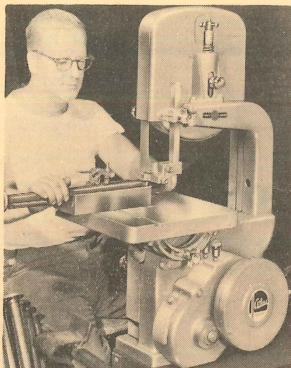
The 4602 is easy to install — there are no holes to drill — bolts to ready-tapped holes in band saw base.

No. 4602 SPEED REDUCER for No. 912 band saw. Equipment furnished includes: heavy duty upper wheel tension spring, hardened blade guides, ball bearing blade support wheels, two step motor pulley, motor rail and clips. 28 lb.

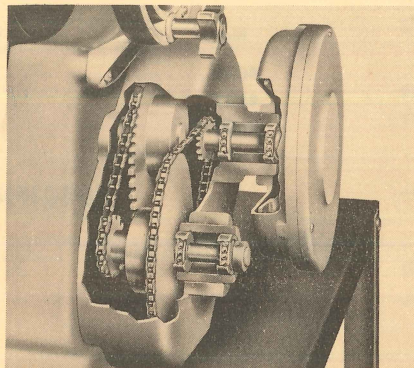


SPECIFICATIONS

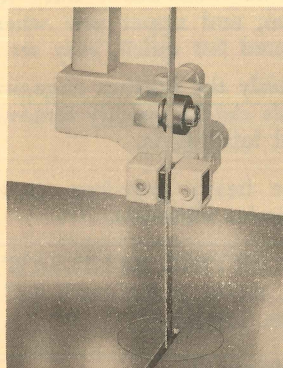
Blade Speeds	100 and 250 f.p.m.
48 Tooth Sprocket Wheels (2)	hardened steel
12 Tooth Sprocket Wheels (2)	hardened steel
Roller Chains (2)	A.S.A. No. 35 heat-treated steel, $\frac{3}{8}$ " pitch, $\frac{3}{16}$ " wide.
Sprocket Wheel Bearings (4)	Sealed-for-life ball



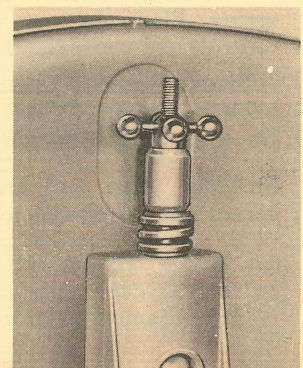
Speed Reducer equips the 912 for efficient cutting of a wide range of materials.



The 4602 is ruggedly built for long service, with hardened steel sprocket wheels and chains, and four sealed-for-life ball bearings.



Four hardened blade guides, two ball bearing blade supports . . .



and heavy duty upper wheel tensioning spring are furnished.

ATLAS PRESS COMPANY, Kalamazoo, Michigan, U.S.A.



CANADIAN AGENT: W. M. BRENNAN CO., 650 MAITLAND, LONDON, ONT., CANADA

EXPORT DIVISION: P. O. BOX 741, SOUTH BEND, INDIANA, U. S. A.