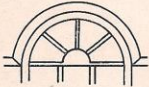


CABLE ADDRESS
DELTACO

Delta Quality Tools

DELTA SPECIALTY COMPANY
1661 ~ 1667 HOLTON STREET
Milwaukee, Wisconsin



Many mechanics have requested that we place a really mechanically correct Band Saw on the market. We're now glad to announce the new 12" Delta Band Saw; a very neat and practical machine, capable of doing heavy and accurate work.

In addition to the three basic features for band saw satisfaction, described on the back page of this folder, we want to call your attention to another exclusive advantage—the graduated tilting table which provides convenient and accurate adjustment for setting up work to an angle of 45° without the aid of a protractor or angle gauge.

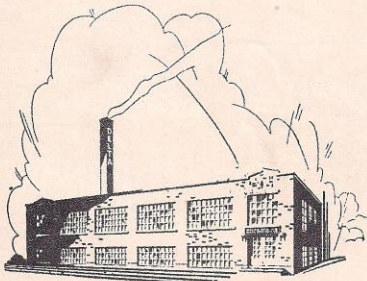
The illustration will show you other advantages built into this practical and compact unit.

Now you can add this much needed machine to your shop with the confidence of knowing you have a unit which will give you satisfaction. An actual test will prove its superiority.

Sincerely yours,

DELTA SPECIALTY COMPANY.

Herbert C. Jantz



The New DELTA 12 Inch Band Saw

A practical, sturdily constructed unit that is mechanically correct in every detail.....

High grade replaceable phosphor bronze bushings of large size. Built so they can be operated steadily all day long.

Safety type disc wheels perfectly balanced, preventing vibration. These wheels are more costly to make, but they are much better. Rim is rubber covered and crown faced.

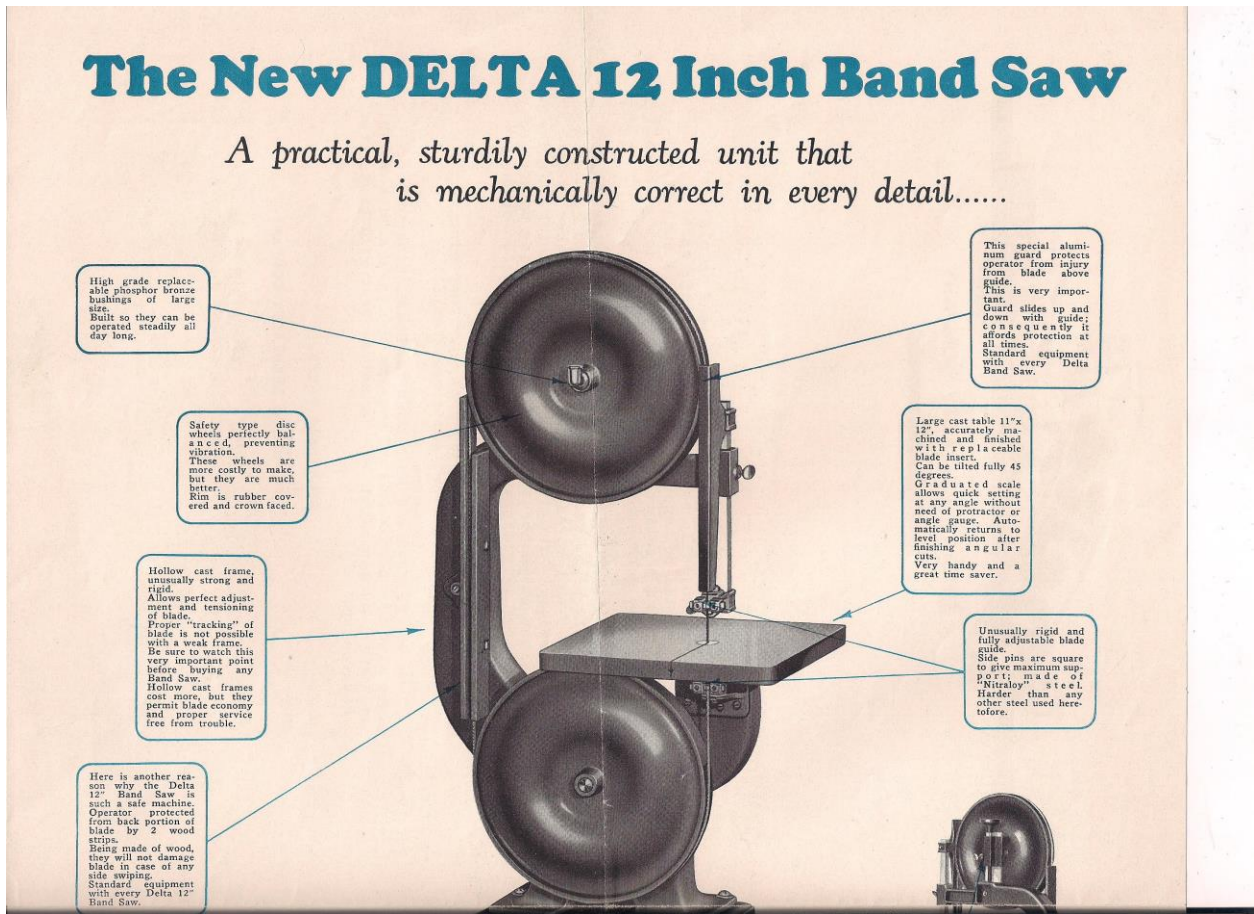
Hollow cast frame, unusually strong and rigid. Allows perfect adjustment and tensioning of blade. Proper "tracking" of blade is not possible with a weak frame. Be sure to watch this very important point before buying any Band Saw. Hollow cast frames cost more, but they permit blade economy and proper service free from trouble.

Here is another reason why the Delta 12" Band Saw is such a safe machine. Operator protected from back portion of blade by 2 wood strips. Being made of wood, they will not damage blade in case of any side swiping. Standard equipment with every Delta 12" Band Saw.

This special aluminum guard protects operator from injury from blade above guide. This is very important. Guard slides up and down with guide; consequently it affords protection at all times. Standard equipment with every Delta Band Saw.

Large cast table 11" x 12", accurately machined and finished with replaceable blade insert. Can be tilted fully 45 degrees. Graduated scale allows quick setting at any angle without need of protractor or angle gauge. Automatically returns to level position after finishing regular cuts. Very handy and a great time saver.

Unusually rigid and fully adjustable blade guide. Side pins are square to give maximum support; made of "Nitaloy" steel. Harder than any other steel used heretofore.

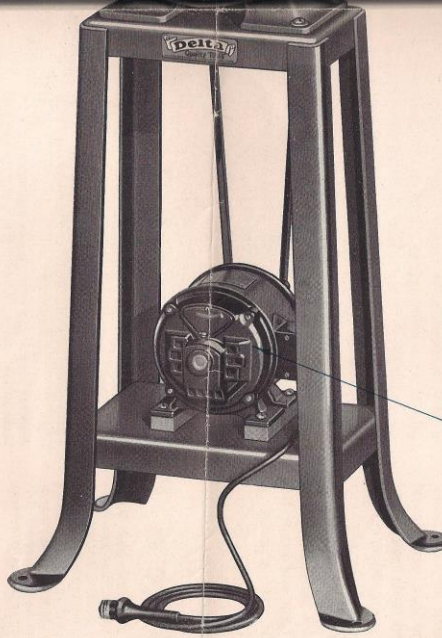


Band Saw.

foolproof aluminum guard can be added for only \$7.50 additional. Offers maximum safety of operation. The Delta 12" Band Saw is an exceptionally safe machine. 1/2" Band Saw Blade of high grade steel. Extra blades can be had in the widths of 3/8", 1/2", 3/4". Special blades for cutting metal can also be furnished.

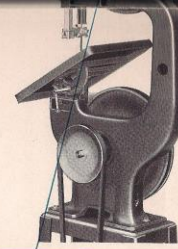


This illustration shows the New DELTA Band Saw, with Guard Equipment. This guard No. 386, weighing only 6 lbs. can be added for \$7.50, making **\$64.75** the total cost.



Novel design of tensioning device allows easy tensioning of any width blade. Spring takes up any variations or shocks. Another screw with lock wing nut is used to tilt top wheel to proper alignment. Very handy and practical arrangement.

1/2 H.P. A.C. 110 Volt 60 Cycle Motor regularly furnished. Offers sufficient power for all average work. For heavy duty production work a 3/4 H.P. Expulsion Induction can be used.



The complete unit, illustrated above, only.....

[INCLUDES ALL EQUIPMENT LISTED BELOW]

No. 385 12-Inch Band Saw	.....	\$37.50
No. 329 Stand	.....	5.00
No. 391 6-Inch Pulley (1/2" bore)	.....	.40
No. 387 V-Belt	.....	1.60
No. 440 1/4 H. P. Motor (for 110 V. A. C., 60 cycle)	.....	12.75
Shipping Weight	.....	140 Lbs.

\$57.25

Why every Workshop should include a Band Saw

Anyone who has a completely equipped workshop will tell you how very useful and handy he finds his Band Saw. This important machine has capacity for large and heavy work, and will cut any curved designs both square and beveled. It cuts very fast and smoothly, and enables one to do work that cannot be done on any other machine.

The operation of a Band Saw is very simple and requires little practice.

Such work as cutting back legs of chairs, clock cases, Queen Anne legs, ornamental pieces of furniture, curved table tops, wood blanks for turning, fancy scroll work, curved window and door frames, and the like, can easily be accomplished by anyone.

Mechanics who have used a good Band Saw would not want to be without one again, because it is surprising the vast amount of work such a machine will handle.

There are many 12" and 14" Band Saws on the market selling at a wide range in prices. Although, at first glance, they all seem more or less alike, you'll be surprised with the great difference when you consider the mechanical point of view. A Band Saw must be designed and constructed properly; otherwise, it is impossible to get satisfactory and trouble-free service.

Since a Band Saw is such an important tool in any workshop, it should be purchased only after a thorough study of its mechanical make-up. First, it should have an exceptionally strong and rigid one piece cast iron frame of *hollow* construction. (This type of frame is found on all heavy factory production machines.) Secondly, it should have a rigid and fully adjustable guide; otherwise the blade will twist on sharp curves, break, and spoil the work.

—and why it should be a DELTA Band Saw

Realizing that practically all low-priced Band Saws on the market have frames that are weak and "springy," we have designed a *hollow cast* frame (similar to factory production machines) for the Delta Band Saw. This type of frame is not used freely because it involves a greater manufacturing cost. However, we have accepted that to give you a Band Saw, which is basically correct from a mechanical standpoint.

You'll find the Delta Band Saw frame absolutely rigid—you cannot bend and "spring" the frame like you can the frames of other Band Saws. Sometimes a frame can be "sprung" as much as one-quarter of an inch merely by pressing it with your finger. You can try this test yourself.

The delicate Band Saw blade moves nearly a *mile a minute*, and must naturally be very accurately tensioned and adjusted so that it will track perfectly in the center of the wheel.

With the Delta Band Saw this has been made possible because the *hollow cast* frame *cannot* be bent or "sprung" with your fingers. And this is of first importance for accurate work, perfect alignment and tensioning, and longer blade life.

Second in importance are the wheels of the Band

Saw. The solid disc wheel type such as you will find on the Delta Band Saw is much safer than the spoke type. Wheels are perfectly balanced, for without such balance the high rotating speed would cause considerable vibration and short blade life.

Another very important part of a Band Saw is its blade guide. Even the best Band Saw would fail if this important device were not properly made. The Delta Blade Support is the result of long and tedious study. It is adjustable in every direction and can be positioned quickly and securely. It is strong; it will not budge even when taking heavy cuts with wide blades.

The side pins are square and afford maximum contact with the blade which is impossible with round pins. This is a novel feature. The pins are of a special alloy steel, and heat-treated by a new process called "Nitriding." This creates a surface as hard as glass and harder than the best of previously known steels. There is the same high grade guide above the table, as well as below the table, and we can absolutely guarantee perfect service when the machine is properly adjusted.

Delta Machines are known for their perfect mechanical design and excellent workmanship.

always --- "the most machine value per dollar."