



Northfield Band Saws

Sealed for Life Ball Bearing Construction

Northfield Band Saws are equipped with long, rigid, heavy duty quills using sealed-for-life ball bearings. The top quill is adjustable for accurate and easy tracking of the blade.

The guards are specially designed and fabricated of heavy steel. The guide post guard adjusts with the guide to give maximum protection. Ball bearing guides are used both above and below the table.

The straining device consists of a very sensitive knife edge spring lever which absorbs shocks and provides proper tension (easily read with the tension indicator).

Accessories

Work Light

Rip Fence:

- Available in either single face or double face.

Blade Welder:

- Capacity to 1/2" blade.

Paddock Guides

Automatic Electric Safety Brakes



The Northfield 36" Standard Band Saw

Specifications

Description	Size of Band Saw				
	20"	27"	32"	36" Std.	36" Deluxe
Width of band saw blade	1/8" to 1-3/8"	1/4" to 1-1/2"	1/4" to 1-1/2"	1/4" to 2"	1/4" to 2"
Wheel face	1-3/8"	1-1/2"	1-3/4"	2"	2"
Size of tilting table	25" x 25"	25" x 25"	26" x 33"	30" x 36"	37" x 37"
Size of stationary table	—	12" x 15"	12-1/2" x 18"	16-1/2" x 19-1/2"	16-1/2" x 19-1/2"
Front edge of table to edge of 3/8" blade	9-1/2"	9-1/2"	12"	12"	13"
Capacity under guide	14"	12"	15"	19-1/2"	24"
Table tilts to right	45°	45°	45°	45°	45°
Table tilts to left	10°	5°	5°	5°	5°
Horizontal capacity	19-1/2"	26-1/2"	31-1/2"	35-1/2"	35-1/2"
Table height from floor	39-1/2"	40"	41"	42"	42"
Floor space	24" x 36"	35" x 45"	42" x 54"	50" x 60"	50" x 63"
Shipping Wt. (pounds)	950	1400	1800	2700	3000
Height	75"	81"	87"	100"	110"
Direct motor drive	2 HP	2 HP	3 HP	5 HP	5 HP
HP and RPM	900, 1200 RPM 3 HP	900, 1200 RPM 3 HP	900, 1200 RPM 5 HP	900, 1200 RPM	900, 1200 RPM 7-1/2 HP
All Motors TEFC	900, 1200 RPM	900, 1200 RPM 5 HP 900, 1200 RPM	900, 1200 RPM 7-1/2 HP 900, 1200 RPM	7-1/2 HP - 900, 1200 RPM 10 HP 900, 1200 RPM	900, 1200 RPM 10 HP - 900, 1200 RPM
Wheels	Alum. Alloy Disc	Alum. Alloy Disc	Alum. Alloy Disc	Steel Demountable Tire Disc	Steel Demountable Tire Disc
Brakes	Lower Wheel foot operated	Lower Wheel foot operated	Lower Wheel foot operated	Lower Wheel foot operated	Lower Wheel F.O. & upper wheel auto.

To order please specify model size, horsepower, voltage, RPM, and accessories if required.

Tannewitz High-Speed Band Saws



Two Rugged Trouble-Free Models

Tannewitz High-Speed Band Saws designed for sawing metal and wood are rugged, durable, and trouble free. They are available in wheel diameters from 30" to 52".

The 30" (Model P) and the 36" (Model G) Band Saws, the most commonly used, are strong and rigid for heavy duty continuous operation. They will do superior work while increasing production and reducing costs.

Specifications

Description	Model P	Model G
Wheel Diameter	30"	36"
Capacity:		
Throat	29-1/2"	35-1/2"
Under Guide	15"	20"
Motor (TEFC):		
Horsepower	5, 7-1/2, 10 & 15	5, 7-1/2, 10 & 15
Drive	Direct or V-Belt	Direct or V-Belt
RPM	720 or 900	720 or 900
Voltage	230/460	230/460
Blade:		
Speed	7000 FPM	8000 FPM
Max. length	17'	19'9"
Width	1/16" to 1-1/4"	1/16" to 2"
Table:		
Size	26" x 28"	36" x 37"
Tilt	45°R - 5°L	45°R - 5°L
Auxiliary	14" x 16"	16" x 19"
Height	41"	41"
Upper Wheel Adjustment	5"	7"
Brakes:		
Both Wheels	Mechanical	Mechanical
Floor Space	27" x 55"	37" x 65"
Overall Height	88"	104"
Shipping Wt.	2100 pounds	3200 pounds



Accessories

Automatic Brakes
Paddock Guides

To order please specify model, drive, horsepower, voltage, RPM, and accessories if required.

Tannewitz Medium Duty Band Saw (MD-36)

The MD-36 Band Saw is an economical band saw featuring built-in Tannewitz quality and rugged reliability. Equipped with exclusive engineering features such as "Double-Life" guides, reversible hardened tool steel jaws, quick adjustment wheel mounted on dust-proof tapered-roller bearings and dynamically balanced, accurate running wheels with Speedi-change tires.



Specifications

Throat capacity (max.)35-1/2"
 Under guide capacity (max.)20"
 Horsepower (TEFC, dual voltage)7-1/2 HP
 Blade speed7000 FPM
 Wheel diameter36"
 Upper wheel adjustment± 1-1/2"
 Blade length (max.)19'
 Table size36" x 37"
 Table tilt0° - 45°R
 Table height38"
 Net weight2000 pounds

To order please specify voltage.

Pattern Shop Machinery



Delta 20" Wood/Non-Ferrous Cutting Band Saw

Two Speeds for Double-Duty Performance

The Delta two-speed 20" Band Saw offers a 4500 SF/M speed for cutting wood and a 2000 SF/M speed for cutting non-ferrous metals. This dual-speed range, combined with rugged construction throughout, makes this unit especially suited for use in pattern shops where both wood and non-ferrous metals are cut.

Built for heavy-duty work, this versatile band saw incorporates many of the fine features offered in the Delta Metal Cutting model. It will handle your toughest jobs, day after day, year-in and year-out, with little or no maintenance.

Specifications

Capacities:

Blade to column19-3/4"
 Maximum height under top guide13-1/2"
 Height under upper wheel guard12-1/2"

Table:

Size20" x 24-1/2"
 Front to center of blade10-1/2"
 Size of groove for miter gauge3/8" x 3/4"
 Center of blade to rear of table13-1/2"
 Tilt to right45°
 Tilt to left12°
 Trunnions17" Apart
 Height from floor42-1/2"

Speeds:

With 1725 RPM Motor2000 and 4500 SF/M
 (To obtain non-ferrous cutting speed of 2000 SF/M, simply change V-belt setting on two-speed pulley.)

Wheels:

Diameter (tire mounted)20-1/8"
 Width1-1/4"

Blades:

Width: Maximum1"
 Length: Maximum151"
 Minimum147"
 Standard150"

Floor Space Required30-3/4" x 42"

Overall Dimensions:

Front to rear30-3/4"
 Left to right42"
 Height79-1/2"

Chip Chute: (connection diameter)2-1/4"



Enclosed Steel Stand with Belt Guard, Motor and Controls

Delta Machine Number	60 Hz, 1725 RPM, TEFC Motor			Motor Controls
	PH	HP	Voltage	
28-651	Single	1	115/230 switch only	Push button
28-652	Single	1	115/230	24 volt push button station, magnetic starter, transformer, and overload protection (LVC)
28-653	Single	2	230	24 volt push button station, magnetic starter, transformer, and overload protection (LVC)
28-654	Three	2	230/460	24 volt push button station, magnetic starter, transformer, and three-leg overload protection (LVC)

Accessories

- Delta No. 28-857 Lamp Attachment
- Blade Welder and Flash Grinders
- Delta No. 28-714; 115 volt, single phase.
- Delta No. 28-715; 230 volt, single phase.

To order please specify Delta's machine number, voltage, and accessories if required.

Standard Machine & Equipment

DELTA 20" WOOD/NON-FERROUS CUTTING BAND SAW furnished with foot brake; chip chute; adjustable blade guides; "clearview" protective blade guard; blade tension indicator; 3/8" blade; motor pulley; V-belt, motor and controls.

Band Saw Blades



Made from carbon steel with a flexible back, these blades are recommended for general cutting of wood, plastics and easy-to-machine ferrous and non-ferrous metals. They have an excellent fatigue factor to give long life on machines running at high surface feet per minute (SFM), cutting non-ferrous metal and wood is not

recommended above 10,000 SFM. Its flexible feature is also suitable for absorbing contour cutting stresses.

These blades are available as finished welded blades made to your specifications, or in 100 ft., 250 ft. or 500 ft. rolls.

HOW TO ORDER

Specify length, width, tooth shape and pitch. Use the following charts as guidelines to assist in determining these values.



STANDARD TOOTH

A conventional tooth used for general purpose sawing. Contoured or cut off. Has straight or zero rake.



SKIP TOOTH

Usually used to cut large sections of soft, non-ferrous materials, plastics and wood. Essentially the same as the regular tooth with every other tooth removed. It increases gullet capacity without weakening the blade. Has straight or zero rake.

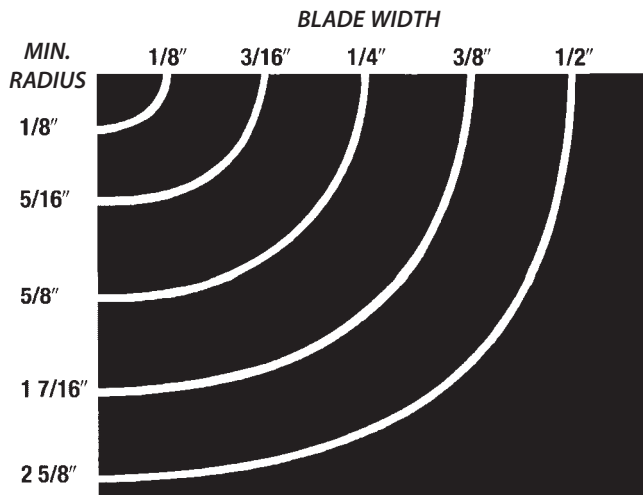


HOOK TOOTH

Similar to the skip tooth but the face or cutting edge has a 10 degree positive rake for fast cutting of non-ferrous metals, woods and plastics.

Blade Width

Use the widest blade your machine will take except for contour cutting. This chart shows minimum cutting radii.



Pitch

Cross Section to be Cut		Use Pitch
Inch	mm	
Up to 5/16"	8 mm	Use 32 Pitch (anything thinner than 1/8" cross section should be angled to the blade)
5/32" - 1/2"	4 - 13 mm	
7/32" - 5/8"	6 - 16 mm	18
1/4" - 7/8"	6.4 - 22 mm	14
3/8" - 1-1/4"	9.5 - 35 mm	10
1/2" - 1-1/2"	13 - 40 mm	8
1" - 2"	25 - 50 mm	6
1-1/2" - 3"	38 - 75 mm	4
2" - 4"	50 - 100 mm	3
3" and Over	75 mm and Over	2



Band Saw Accessories

Band Saw Tires



The use of rubber bands on band saw wheels will keep the band saw in first-class shape, increase efficiency, and extend the life of your equipment.

To assure proper fit, when ordering be sure to specify diameter and width of wheels on which bands are to be used.

Diameter	Width	Thickness	Catalog Number
12	1-1/16	3/16	996BB17192
14	1-1/16	3/16	996BB17224
16	1-5/16	3/16	996BB21256
18	1-1/2	3/16	996BB24288
20	1-5/8	3/16	996BB26320
24	1-3/4	3/16	996BB28384
26	2	3/16	996BB32416
28	2	3/16	996BB32448
30	2	3/16	996BB32480
32	2	3/16	996BB32512
34	2-1/8	3/16	996BB34544
36	2-1/8	3/16	996BB34576
38	2-1/4	3/16	996BB36608
40/42	2-1/2	7/32	996BB40640
40/42	3-1/2	7/32	996BB56640

To order please specify catalog number and quantity desired.

Rubber to Iron Cement

To cement Rubber Bands to Band Saw Wheels

This specially prepared slow-drying contact cement will hold rubber bands securely on band saw wheels. It adheres to both the rubber and the metal wheel.

Size	Catalog Number
1 Pint	920-RC1P

To order please specify catalog number and quantity desired.

Roll-On Ball Bearing Band Saw Guides

These smooth-running, friction-free guides reduce blade breakage and increase sawing efficiency. The ball bearing rollers carry the thrust of the saw at the top and bottom guides thereby reducing friction. The mountings are adjustable.

Roll-on Ball Bearing Band Saw Guides can be mounted on either 5/8" or 3/4" shafts and used on blades up to 1" wide.



Shaft (Inches)	Catalog Number
5/8	996-SG10
3/4	996-SG12

To order please specify catalog number and quantity desired.