

Bandsaw selection guide

INSTRUCTIONS:

Save this PDF onto your desktop before you fill in any information. After you complete the form on your desktop, save it and attach it in an email sent to customerservice@unitedindustrialsales.com.

If you have already determined the best blade for your cutting application, and just want a quote on the blades we supply, we need to know the length, width, number of teeth, and type of blade you're using now—carbon, carbide grit edge, or bi-metal.

If you're not satisfied with the blade you're now using, or if production procedures have changed, the following questions will help us make a blade recommendation.

- What materials are you cutting? _____
- How thick are these materials? _____
- What is the shape of these materials:
 - flat pieces like plywood, 2 x 4 s, or sheet material
 - interrupted cuts like pipe, angle, or I-beams
 - stacks or bundles of materials
- What is the frequency of use:
 - light duty, 2 hours or less per day
 - medium duty, 3–6 hours per day
 - heavy production cutting, 7 hours or more per day
- Is a smooth surface required:
 - fine finish—more teeth per inch, slower cutting
 - rougher finish—faster cutting
- Are curves being cut:
 - straight cuts only
 - curves are cut, and the smallest radius required is _____
- What type of saw is being used:
 - vertical saw machine
 - horizontal saw machine
- Any problems occurring now? (premature dulling of teeth, blade breakage, finish cut too rough, etc.)

- What type of blade are you using now? (carbon, carbide grit edge ,bi-metal, cobalt edge, other)

- Manufacturer of blade if known _____
- Blade length _____ Blade width _____ # of teeth per inch _____
- Blade thickness _____ $\frac{1}{2}$ " wide blades are available in 2 thicknesses because thinner blades are used on machines with smaller carrier wheels.
- Tooth set if known:
 - raker—for general purpose cutting
 - wavy—for light metal sections such as sheet, tubing, & small solid shapes
 - modified raker—faster smoother, quieter cutting