
TS-ALIGNER JR

The Affordable Precision Woodworking Tool

Product Literature



- **Proven Design**
- **Advanced Features**
- **Greatest Versatility**
- **Most Affordable Price**

The world of professional woodworking took a major turn when TS-Aligner was introduced in 1991. Now, TS-Aligner Jr. allows the serious amateur to enjoy all the benefits of precision woodworking too! We're very proud to announce the newest member of the family: TS-Aligner Jr.

Winning Design

The same exacting attention to detail and careful design that went into the success of TS-Aligner has gone into TS-Aligner Jr. with one important difference: this time we solicited the ideas of hundreds of amateur woodworkers to discover their thoughts concerning features, price and performance. The result was an alignment system that performs all the functions of TS-Aligner at nearly one third the price!

High End Features

Compare TS-Aligner Jr. to it's late coming competition and you'll see important features that make it the best alignment tool you can buy. TS-Aligner Jr. doesn't use a bar for guidance in the miter slot. It uses three bearings: the outer two are fixed and the center bearing adjusts so that you can fit almost any miter slot without play. Even an adjustable bar cannot match the smooth rolling action of bearings. The difference is obvious when you take measurements using a dial indicator. With even a tight fitting bar the reading bounces erratically but with bearings it's very steady. Many measurements need to be made as close to the table surface as possible. Some products have you tilt the indicator in an attempt to get closer to the surface but this just doesn't work very well. Only TS-Aligner Jr. uses the Stylus Offset Bar to achieve this goal with outstanding accuracy. Are angle measurements important? Absolutely! Other

Feature	Benefit
Precision AGD Group 2 dial indicator	Accuracy to within 0.001". Can be used with any standard dial indicator accessories.
Exclusive 3 bearing miter slot guide system	Adjusts to virtually any slot width. Provides smooth, accurate, and play free motion.
Exclusive Stylus Offset Bar	Provides measurements close to the table surface, allowing maximum accuracy and ease of use.
Exclusive Angle Attachment Gage	Provides accurate measurement of vertical angles.

products include a protractor or fixed angle plates. But, TS-Aligner Jr. includes the Angle Attachment Gage. It's a device that applies the full precision and accuracy of a dial indicator to the task of measuring angles. It's a feature you'll find only on TS-Aligner Jr.

Works on Almost all Machines

TS-Aligner Jr. works with virtually all the machines in your shop providing more comprehensive functionality than any other home shop alignment system. Here's just a few of the many things that you can do with TS-Aligner Jr.:

- Table saw, all adjustments including:
 - Blade heel (alignment to the miter slots)
 - Fence alignment
 - Miter gauge squareness and angles
 - Blade squareness and tilt angles
 - Blade height

- Band saw:
 - Table squareness
 - Fence alignment

- Jointer:
 - Fence squareness/angles
 - Knife/cutterhead alignment

- Shaper/Router table
 - Cutter height
 - Fence offset

- Drill Press
 - Spindle/chuck runout measurements
 - Table squareness

- Radial Arm Saw*
 - Virtually all adjustments

- Miter Saw
 - Blade squareness

- Stationary Disc-Belt sander
 - Table squareness

As well as any other machine requiring precision adjustment that includes a table surface with enough room for TS-Aligner Jr.

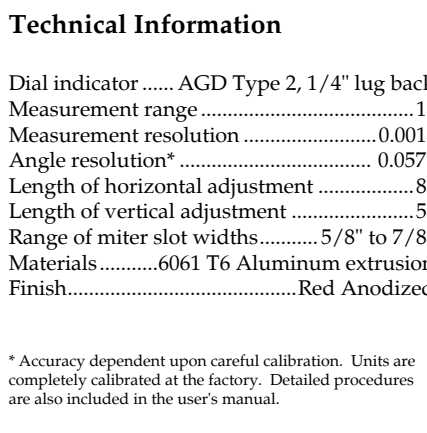
*Radial arm saw requires RS-Aligner Accessory

Quality Alignment You Can Afford

Since we make TS-Aligner Jr. in our own shop in Idaho, we don't have to pay for another company's profits and benefits. All of the parts are machined, not cast or stamped so we don't have a huge investment in complex dies and molds. This means we can offer an advanced alignment system with high end features and quality at a price that's far less than any other.

Ordering Information

Edward J. Bennett Company
 3210 E. Chinden Blvd #115-528
 Eagle, Idaho 83616
1-800-333-4994
<http://www.ts-aligner.com>



Technical Information

Dial indicator	AGD Type 2, 1/4" lug back
Measurement range	1"
Measurement resolution	0.001"
Angle resolution*	0.057°
Length of horizontal adjustment	8"
Length of vertical adjustment	5"
Range of miter slot widths	5/8" to 7/8"
Materials	6061 T6 Aluminum extrusion
Finish	Red Anodized

* Accuracy dependent upon careful calibration. Units are completely calibrated at the factory. Detailed procedures are also included in the user's manual.

