

ERBESSD INSTRUMENTS®

EI-Pulley Ace

Alignment System

The world's fastest
and easiest to use
laser alignment
system...

EI-Pulley Ace Alignment System



Sheave Alignment

There are several different alignment methods, such as the labor intensive string and straight edge method, however, laser alignment is more accurate. This will greatly reduce downtime and manpower needed to do the alignment. This results in increased production uptime and great labor savings.

System Advantages

Introducing new Retro-Reflective alignment targets that work indoors or outdoors using enhanced reflective technology. This means that the laser lines can be seen better in direct sunlight and adjustments are easier to make.



System Advantages

Faster Set-ups

More Accurate Adjustments

Less Bearing Wear

The reflective green film shows the laser's alignment line in "Real Time". This is called "Positive Tracking".



How it works

The Pulley ACE™ sheave alignment tool projects a plane of laser light parallel with the faces of drive and driven sheaves. Adjustable targets attach to sheaves, intersect the laser beam and visually show any misalignment. The Retro-Reflective film on the center line of the target reflects the laser beam and "glows" for enhanced visibility and accuracy



TECHNICAL SPECIFICATIONS

Laser	532nm, Class 2 & 1mW
Vial	40 Arc Minute
Laser Radiation	Diode laser with laser wavelength 635nm, class II
Beam Spread	60" @ 3'
Line Width	Approx. 1/16" @ 30"
Magnets	Nickel Plated, Rare Earth
Power	2 AAA Alkaline batteries (5hrs)
Targets	3 Retro-Reflective, Adjustable over 1"
Accuracy	.070" or 7 times more accurate than industry standards
Dimensions	1 3/4" x 6 3/4" x 5/8"

Decrease Vibration – Minimize Belt and Motor Bearing Wear.

Compact Size – Easy to use on small diameter sheaves.

10 Times Brighter – Can be used in direct sunlight

Use as a laser level – Check the height and flatness of motor and gear box mounting plates.

Includes:

1 Sheave Alignment tool



3 Targets



1 Foam-Filled Carrying Case



ERBESSD INSTRUMENTS®

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