

# PULLEY PRO<sup>®</sup>

LASER PULLEY ALIGNMENT SYSTEM

BY SEIFFERT INDUSTRIAL

## SHORT INSTRUCTIONS

### PRE-ALIGNMENT PROCEDURE:

1. **CAUTION!** Lock-out/tag-out equipment as per Safety Department regulations at your facility. Failure to do so may result in serious injury or death to personnel and may cause damage to equipment.
2. Perform a visual inspection of the belts and of each pulley. Look for and feel for cracks, chips, or excessive groove wear.
3. Check run out on pulleys to assure that they are square to the shaft.

**CAUTION!** - DO NOT look into the laser beam at any time; this includes during set-up and during the alignment process.



**Step 1.** Switch on the Pulley PRO and attach each component to the pulleys. Transmitter on the stationary pulley and the reflector on the moveable pulley.

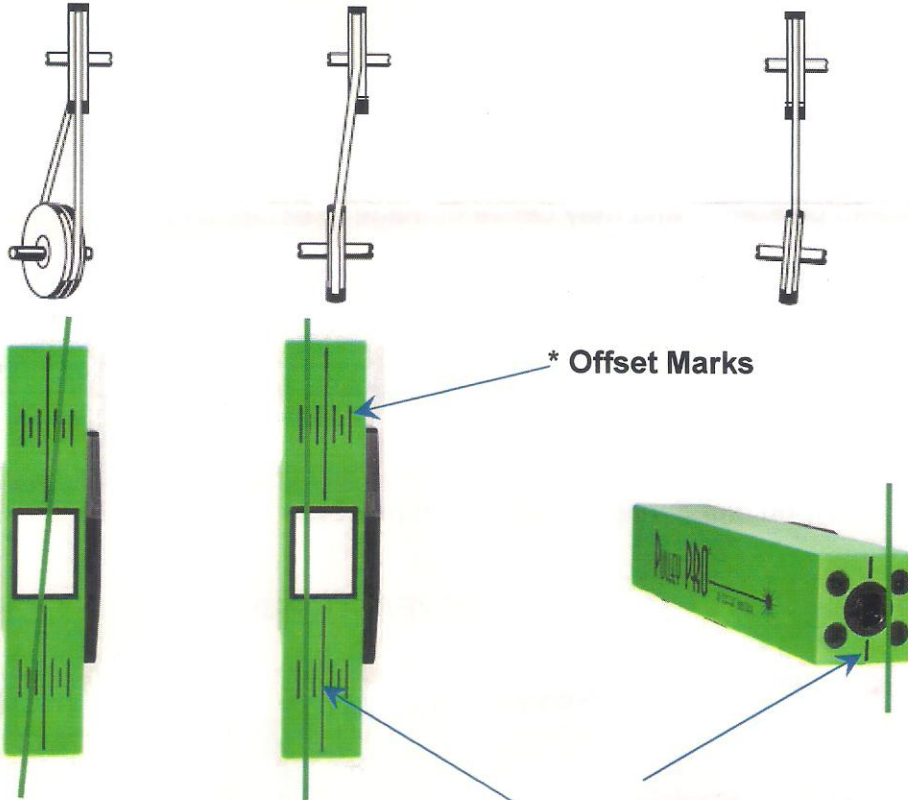
**Step 2.** Observe the laser line on the reflector to determine if the moveable pulley needs to be adjusted for offset and vertical angle. Move the pulley on the shaft to change offset, shim front or back feet to adjust vertical angle.

**Step 3.** Next, observe the return laser line on the transmitter to determine the horizontal angle. When tensioning the belts, adjust horizontal angle.

**Vertical Angularity**

**Offset**

**Horizontal Angularity**



\* Offset Marks

Alignment Reference Lines

\* Note: For different pulley edge thicknesses, use the offset marks on the face of the reflector to establish the amount of offset. The reference offset marks are in 1/8 inch increments.

**Batteries:** It is recommended to use Energizer® L92 AA 1.5V Lithium Ultimate in your PULLEY PRO



**Step 4.** When the laser lines matches the reference line on the transmitter and the reflector, **ALIGNMENT IS COMPLETE.**



**GOOD ALIGNMENT**

Aligned

Pulley PRO is a registered trademark of Seiffert Industrial, Inc.  
U.S. Patent No. 6,031,616

**SEIFFERT  
INDUSTRIAL, INC.**

1323 Columbia Drive · Suite 305  
Richardson, TX 75081  
Phone: 972-671-9465  
Fax: 972-671-9468

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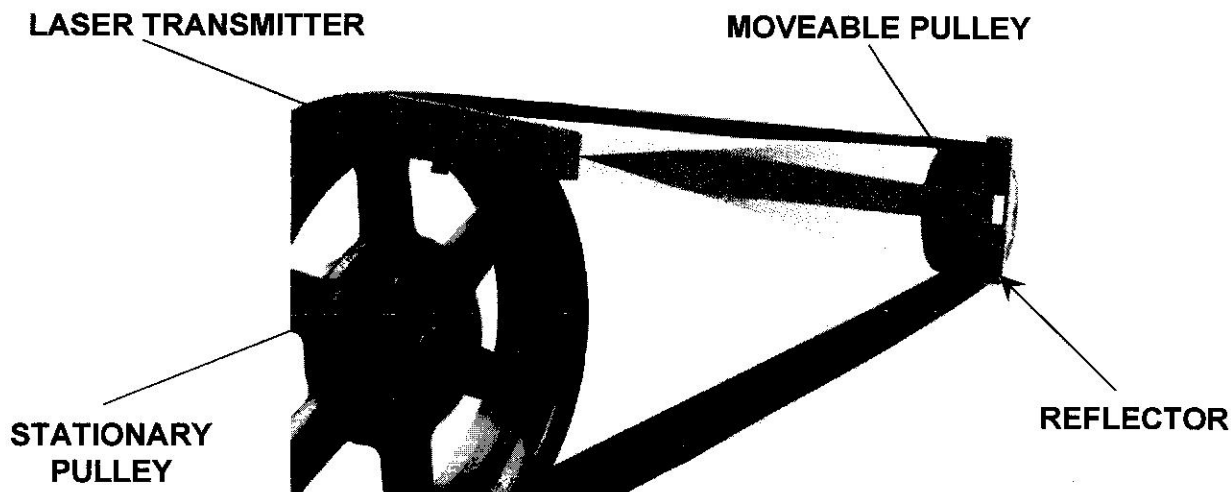
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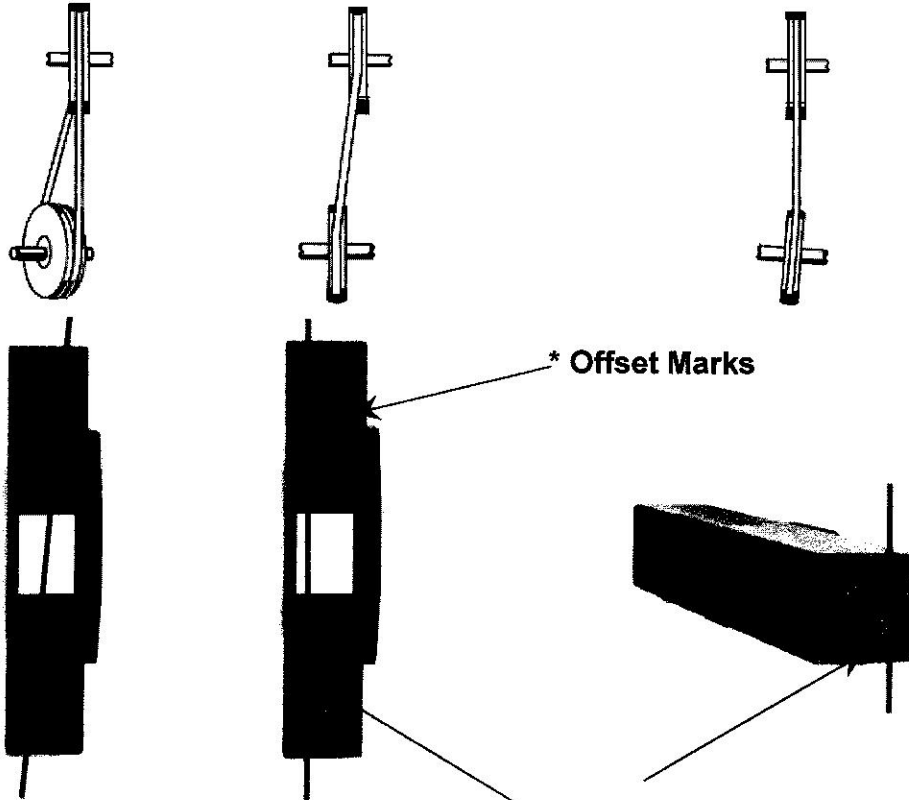
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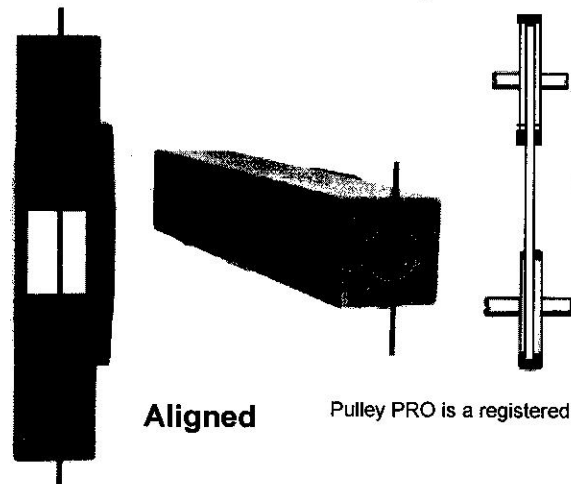
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