



## Fits almost any kind of sheave!







**CHAIN DRIVES** 

# **Belt Alignment**





#### **EASY TO USE**

The tool is attached in a few seconds, and you can easily see the laser line projected onto the targets. When the line lies in the slots of the targets, the machine is in the right position. The result is a fast, precise alignment.

- Much faster and more accurate than measuring with earlier, conventional methods
- Alignment can be made by one operator
- Also suitable for non-magnetic sheaves •

#### ALIGNMENT SAVES MONEY

When aligning with the Easy-Laser® BTA you reduce the wear on sheaves/pulleys, belts, bearings and seals as well as reducing vibration. Increased efficiency also means large energy cost savings. Especially transmissions with two or more belts, or wide belts, are highly affected by misalignment, causing large differences in belt tensions and also increased wear and tear on belt edges.

#### **EXAMPLE OF PULLEY MISALIGNMENT**









Twist misalignment

### **HOW IT WORKS**





The targets are easily adjusted for pulleys with sheaves of different sheave face widths.





Magnetic reference surface on both transmitter and target for easy attachment to the sheaves. On non-magnetic sheaves the units can be mounted with double sided tape.



Thanks to the clever design the units fit small as well as large sheaves.

#### Easy-Laser® D90 BTA, Part No. 12-0415

#### Laser transmitter 1 2

1

Targets	
Padded case	

Laser transmitter	
Sheave diameters	$\varnothing$ 60 mm [2.5"] and larger
Laser class	2
Output power	<1 mW
Laser wavelength	635–670 nm
Beam angle	60°
Accuracy	Laser plane – Reference plane:
	Parallelity: < 0.05°, 0ffset < 0.2 mm [0.008"]
Battery type	1xR6 (AA) 1.5 V
Battery operation	8 hours continuously
Material	ABS plastics / Hard anodized aluminium
Dimensions	WxHxD: 145x86x30 mm [5.7x3.4x1.2"]
Weight	270 g [9.5 oz]



Small, padded transportation bag fits easily in any tool case.



Belt clip on back side.

Easy-Laser® is manufactured by Easy-Laser AB, Alfagatan 6, SE-431 49 Mölndal, Sweden Tel +46 31 708 63 00, Fax +46 31 708 63 50, e-mail: info@easylaser.com, www.easylaser.com © 2017 Easy-Laser AB. We reserve the right to make changes without prior notification. Easy-Laser® is a registered trademark of Easy-Laser AB. This product complies with: EN60825-1, 21 CFR 1040.10 and 1040.11. Documentation ID: 05-0343 Rev2

