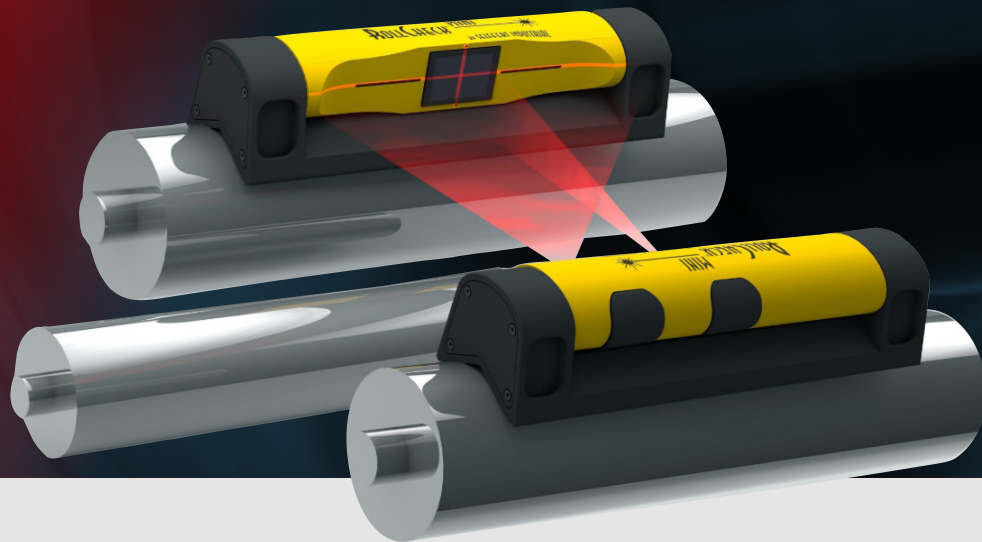


PRECISION LASER ALIGNMENT SYSTEMS

ROLLCHECK[®] MINI

Quickly Align Rollers & Reduce Down Time



ROLLCHECK[®] MINI

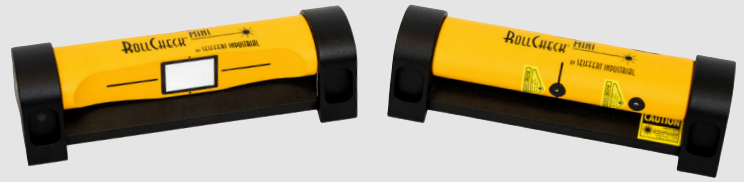
Model SX-4150

LASER ALIGNMENT TOOL FOR ACCURATE VISUAL ALIGNMENT OF ROLLS

Patented Reflected laser Beam Technology

The RollCheck® MINI laser alignment system for parallel roll alignment is lightweight, compact and durable. The system can be attached to a rollup to 4" (101 mm) in diameter with the supplied straps. We use our proven reflected laser beam technology for maximum angular resolution, thus providing you with the most reliable and accurate visual reading.

The RollCheck® MINI can measure spans up to 4ft. (1200 m) from roll to roll sizes up to 4" (1200) in diameter. A laser line is projected from the RollCheck® MINI transmitter to the reflector mounted on the roll to be checked or aligned. The laser line projected to the reference line on the relector indicates immendiately if the roll is aligned vertically to the stationary roll. The RollCheck® MINI comes in its own durable carrying case.



KEY BENEFIT



Reduces down time and product waste due to misalignment of rolls



Increases production with proper alignment of rolls



Compact design, fits into small spaces



One-person operation



Used for shots up to 4 ft. (1200 mm) or better



Fast and easy and no training required



Facilitates more frequent roll checks



Pays for itself quickly

SYSTEM APPLICATION

Parallel roll alignment, utilizing the RollCheck® MINI laser Roll alignment system to measure and correct vertical and horizontal angles between two rolls.

RollCheck® MINI is a laser roll alignment system that facilitates accurate visual alignment of process rolls during replacement operations.

The Laser Transmitter is mounted to a stationary roll that transmits two red laser lines to the reflector positioned on the roll to be moved.

The operator then is able to view both the vertical pitch and horizontal (parallel) angles and accurately adjust the roll into parallel alignment.

RollCheck® MINI is suitable for aligning rolls up to 4" (101 mm) in diameter that are spaced from 2" (51 mm) to 4 ft. (1200 mm) apart. It also can be used to align and measure crowned rolls as well.

RollCheck® MINI eliminates cumbersome trial and error adjustments which lead to scrap, loss of time, and output reduction, and is the ideal tool for efficient roll maintenance.

ROLLS ARE ALIGNED VERTICALLY

when horizontal line coincides with the horizontal groove on the reflector unit.



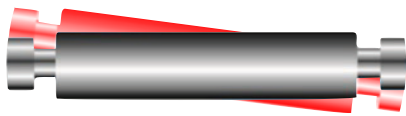
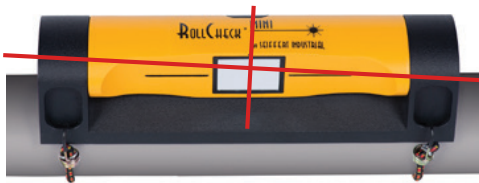
ROLLS ARE ALIGNED PARALLEL

when vertical reflected line coincides with the vertical groove on the laser transmitter unit



ROLL MISALIGNMENT

FRONT VIEW



Roll to be moved (RTBM) is not on the same horizontal plane as the stationary roll.

TOP VIEW



Reflected laser line shows the roll is not parallel-left.



Reflected laser line shows the roll is not parallel-right.

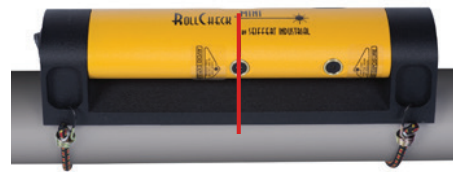
Simply match the red laser lines with the black reference lines on the RollCheck® MINI . You will see the results in seconds.

ROLL ALIGNMENT

FRONT VIEW



Roll to be moved (RTBM) is not on the same plane as the stationary roll.



Reflected line shows the rolls are parallel to one another.

Transmitter Model SX-4150T



Operating distance	Max. 4 ft. (1200 mm)
Accuracy	< 0.001"/ft. (< 0.03 mm/0.305 m)
Laser type	2 ea. 532 mm visible green laser lines, 45° full angle
Laser power:	< 1 mW, Class 2
Safety precautions:	Do not stare into beam
Laser compliance:	CFR parts 1040.10 and 1040.11
Laser line thickness:	0.017" (0.4318 mm) at 4 ft. (1200 mm)
Laser calibration:	Factory calibrated, check yearly
Environmental protection:	Water resistant, dust proof and impact resistant
Controls:	Laser ON/OFF rocker switch
Battery Type	Rechargeable lithium Ion battery
Operating time	14 hours continuous at 72° F (22° C)
Temperature	Operating: 15° F (-9° C) to 104° F (60° C) Storage: -4° F (-20° C) to 140° F (60° C)
Frame	Rigid aluminum frame, powder-coat paint finish
Laser housing	Aluminum, powder-coat paint finish
Mounting diameters	Diameters up to 4" (101 mm)
Mouting straps	Set of 2 attachment straps included: ✓ 2 ea. 10" (254 mm) bungee straps for diameters up to 4" (101 mm)
Weight	1.6 lbs. (.73 Kg)
Dimensions	8.5" (216 mm) W x 2.46" (62 mm) D x 2.0" (50 mm) H

Reflector Model SX-4150R



Reflector size	1" (25 mm) x 1.4" (36 mm)
Frame	Rigid aluminum frame, powder-coat paint finish
Reflector housin	Aluminum, powder-coat paint finish
Mounting straps	Set of 2 attachment straps included: ✓ 2 ea. 10" (254 mm) bungee straps for diameters up to 4" (101 mm)
Weight	1.5 lbs. (.70 Kg)
Dimensions	8.5" (126 mm) W x 2.46" (62 mm) D x 2.0" (50 mm) H



V-bracket with straps holds the RollCheck® MINI firmly in place

RollCheck® MINI Carrying Case

Material	Black, high density hard polyesthylene
Dimension	17" (432 mm) W x 12" (305 mm) Dx 4.125" (105 mm) H
Insert	Water jet cut foam
Carrying case weight	2021 lbs. (1.0 kg)
Total system weight	5.3 lbs. (2.4 Kg)





SEIFFERT INDUSTRIAL *products* **MADE IN THE USA**

PRECISION LASER ALIGNMENT SYSTEMS

Seiffert Industrial has provided laser alignment tools to a wide variety of industries all over the world. Seiffert Industrial has pulley alignment systems, parallel roll alignment tools, and belt tension meters from the best brands on the market.

For more information on our laser alignment tools, browse our products page for more about each item's features and photos. You can also request more information about our products by filling out our online contact form to get more information about our products and services.

Find us on social media sites on Facebook, LinkedIn, Twitter, and YouTube to get the latest from our expert staff about great new products and promotions with up-to-the-minute updates about Seiffert Industrial.



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