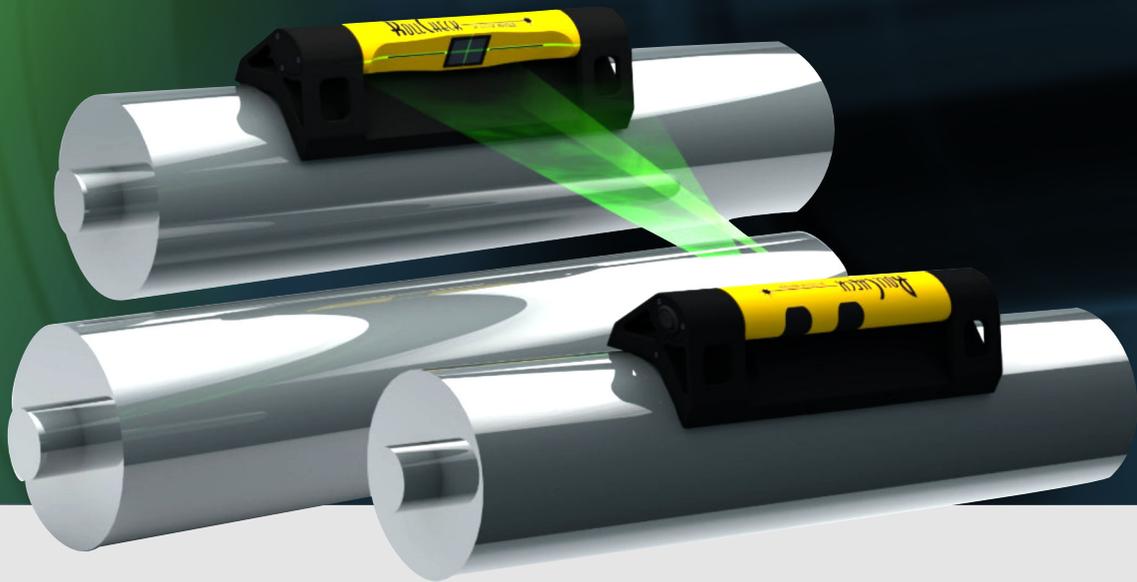


ROLLCHECK[®] GREEN

Quickly Align Rollers & Reduce Down Time



ROLLCHECK[®] GREEN

Model SX-5150

LASER ALIGNMENT TOOL FOR ACCURATE VISUAL ALIGNMENT OF ROLLS

Patented Reflected Laser Beam Technology

The RollCheck® Green laser alignment system for parallel roll alignment is lightweight, compact, and durable. The system can be attached to just about any size roll 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. Using the latest in Green laser diode technology makes our green laser line 10x's brighter to the operator than a red laser line.

The RollCheck® can measure spans up to 10 ft. (3 m) or better from roll to roll of any size, large or small. A laser line is projected from the RollCheck® transmitter to the reflector mounted on the roll to be checked or aligned. The laser line projected to the reference line on the reflector indicates immediately if the roll is aligned vertically to the stationary roll. The laser line is then automatically reflected back to the transmitter's reference line, indicating if the rolls are parallel to one another. This system is very easy to use; a single person can perform the alignment task in minutes with no training! The RollCheck® comes in its own durable carrying case.



KEY BENEFIT

-  Bright green laser lines
-  Reduces down time and product waste due to misalignment of rolls
-  Uses proven reflected laser beam technology
-  Increases production with proper alignment of rolls
-  Compact design, fits into small spaces
-  One-person operation
-  Used for shots up to 10 ft. (3 m) or better
-  For roll diameters 1" (25 mm) up to 12" (305 mm)
-  Fast and easy and no training required
-  Facilitates more frequent roll checks
-  Pays for itself quickly

Parallel Roll Alignment, utilizing the RollCheck® Green Laser Roll Alignment System to measure and correct vertical and horizontal angles between two rolls.

RollCheck® 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 green 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® is suitable for aligning rolls of most diameters that are spaced from 6" (152 mm) to 10 ft. (3 m) or more apart. It also can be used to align and measure crowned rolls as well.

RollCheck® 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 PARALLEL

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



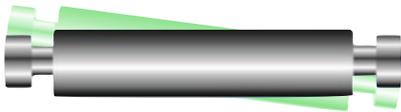
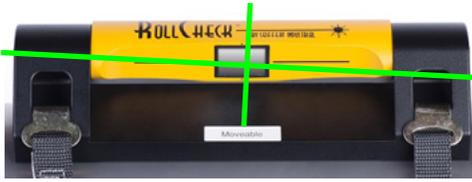
ROLLS ARE ALIGNED VERTICALLY

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



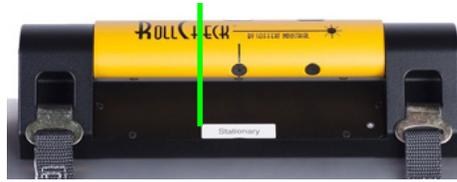
ROLL MISALIGNMENT

FRONT VIEW

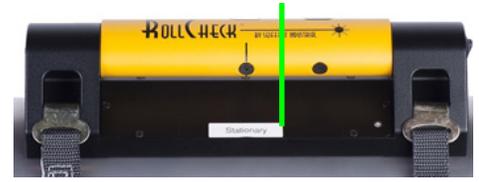


Roll to be moved (RTBM) is not on the same horizontal plane as the stationary roll.

TOP VIEW



Reflected laser line shows the roll is not parallel-left

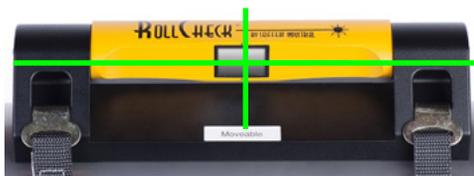


Reflected laser line shows the roll is not parallel-right.

Simply match the green laser lines with the black reference lines on the RollCheck[®] Green. 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-5150T



Operating distance	Max. 10 ft. (3 m)
Accuracy	< 0.001"/ft. (< 0.03 mm/0.305 m)
Laser type	2 ea. 532nm visible green laser lines, 30° full angle
Laser power:	< 1mW, 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 9 ft. (2.8 m)
Laser calibration:	Factory calibrated, check yearly
Environmental protection:	Water resistant, dust proof and impact resistant
Controls:	Laser ON/OFF rocker switch
Battery type	Polymer li-lon rechargeable battery. 3.7v 4000 mAh
Operating time	16 - 20 hours continuous at 72° F (22° C)
Temperature	Operating: 32° F (-0° C) to 125° F (52° 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	Roll diameters 1" (25 mm) up to 12" (305 mm)
Moutning straps	Set of 2 attachment straps included: <ul style="list-style-type: none"> ✓ 2 ea. 10" (254 mm) to 45" (1143 mm) adjustable bungee straps for diameters up to 15" (381 mm) ✓ 2 ea. 10 ft. (3 m) adjustable straps for diameters up to 38" (965 mm)
Weight	4.8 lbs. (2.2 Kg)
Dimensions	12" (279 mm) W x 4.25" (108 mm) D x 3" (76 mm) H

Reflector Model SX-5150R



Reflector size	1" (25 mm) x 1.4" (36 mm)
Frame	Rigid aluminum frame, powder-coat paint finish
Reflector housing	Aluminum, powder-coat paint finish
Mounting straps	Set of 2 attachment straps included: <ul style="list-style-type: none"> ✓ 2 ea. 10" (254 mm) to 45" (1143 mm) adjustable bungee straps for diameters up to 15" (381 mm) ✓ 2 ea. 10 ft. (3 m) adjustable straps for diameters up to 38" (965 mm)
Weight	5.2 lbs. (.2.4 Kg)
Dimensions	12" (305 mm) W x 4.25" (108 mm) D x 3" (76 mm) H

The perfect option If you need to quickly replace rolls in your processing plant

RollCheck® Green Carrying Case

Material	Black, high density hard polyesthylene
Dimension	20.5" (521 mm) W x 16.75 (425 mm) Dx 8.5" (216 mm) H
Insert	Water jet cut foam
Carrying case weight	14 lbs. (6.4 kg)
Total system weight	24 lbs. (10.9 Kg)





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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