ROLLCHECK® MAX

LASER ROLL ALIGNMENT SYSTEM:
ACCURATE ROLL ALIGNMENT

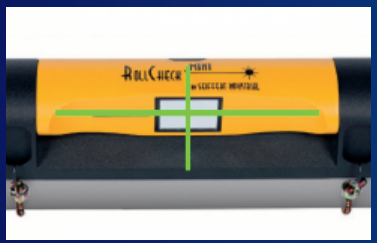
The **RollCheck® Max** laser alignment system is a lightweight, compact, and durable solution for parallel roll alignment on medium to large machines. Using supplied straps, it mounts to virtually any roll size. Proven reflected laser beam technology provides maximum angular resolution for reliable, accurate visual readings.

The system measures roll-to-roll spans up to 10 ft. (3 m) or more. A laser line is projected from the transmitter to a reflector mounted on the roll being checked. The projected line indicates vertical alignment relative to the stationary reference roll, while the reflected beam confirms parallelism between the rolls. Easy to use, the RollCheck® Max enables a single operator to complete alignment in minutes with no training required. The system is supplied in a durable carrying case.

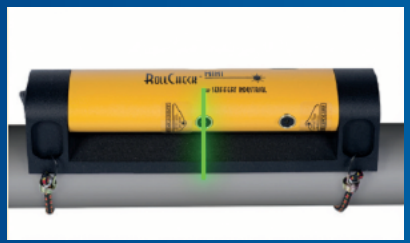


KEY BENEFITS

- Designed for medium to large machines
- Up to 10 ft. (3 m) alignment spans
- Proven reflected laser technology
- Bright green laser lines
- Fast, one-person operation
- No training required
- Reduces downtime and product waste
- Improves production
- Quick ROI



Rolls are aligned vertically when: Horizontal line coincides with the horizontal groove on the reflector unit.



Rolls are parallel when: Vertical reflected line coincides with the vertical groove on the laser transmitter unit.

America's Most Complete Industrial Roll Manufacturer

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ROLLCHECK® MAX

PARALLEL ROLL ALIGNMENT SYSTEM TO MEASURE AND CORRECT VERTICAL AND HORIZONTAL ANGLE BETWEEN TWO ROLLS

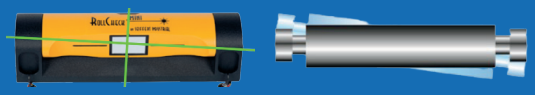
RollCheck® Max is a laser roll alignment system for accurate visual alignment of process rolls during replacement operations. A Laser Transmitter mounted to a stationary roll projects two green laser lines to a Reflector on the roll being adjusted, allowing the operator to view both vertical (pitch) and horizontal (parallel) alignment for precise positioning.

Designed for most roll diameters and spans from 6 in. (152 mm) to 10 ft. (3 m) or more, RollCheck® Max can also be used to align and measure crowned rolls. By eliminating trial-and-error adjustments, it reduces scrap, downtime, and production losses while improving roll maintenance efficiency.

SIMPLY MATCH THE LASER LINES WITH THE REFERENCE LINES SEE THE RESULTS IN SECONDS

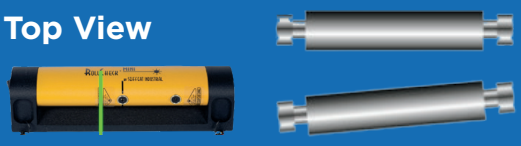
MISALIGNED EXAMPLES

Front View



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

Top View



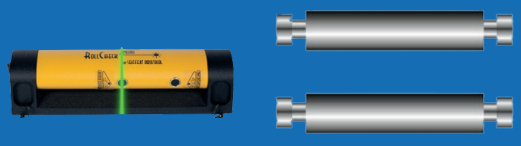
Reflected laser line indicates the roll is not parallel (left side shown). A similar indication would be seen on the right side for a parallel-right condition.

ALIGNED EXAMPLES

Front View



Roll to be moved is on the same plane as the stationary roll.



Reflected line shows the rolls are parallel to one another.

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ROLLCHECK® MAX

TRANSMITTER MODEL SX-6150T

Operating Distance:	Max. 10 ft. (3 m)
Accuracy:	< 0.001”/ft.
Laser Type:	2 ea. 532mm visible green laser lines, 45˚ 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”
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:	16 - 20 hours continuous at 72˚
Temperature:	Operating: 32˚F to 125˚F Storage: -4˚F to 140˚F
Frame:	Rigid aluminum frame, powder-coat paint finish
Laser Housing:	Aluminum, powder-coat paint finish
Mounting Diameters:	Roll diameters 4” up to 8’
Mounting Straps:	Set of 2 attachment straps included: 2 ea. 10ft bungee straps for diameters up to 38”
Weight:	8.8 lbs.
Dimensions:	12” W x 11” D x 3” H

REFLECTOR MODEL SX-6150R

Reflector Size:	1” x 1.4”
Frame:	Rigid aluminum frame, powder-coat paint finish
Reflector Housing:	Aluminum, powder-coat paint finish
Mounting Straps:	Set of 2 attachment straps included: 2 ea. 10ft bungee straps for diameters up to 38”
Weight:	9 lbs.
Dimensions:	12” W x 11” D x 3” H



CARRYING CASE



Black high-density polyethylene case with water jet cut foam. Dimensions: 29″ W × 18″ D × 10.85″ H. Case weight: 18 lbs.; total system weight: 36.2 lbs.

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