

STRIP SHAPE CONTROL

Coil-Fed Laser Blanking technology can be accompanied with coil correction equipment to remove defects in your coils. These defects need to be reduced or eliminated to be laser cut properly. Below are some examples of coil defects and equipment that can be used to reduce or eliminate them.

► **COIL-SET**



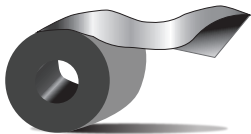
There is a curvature in the coil that is across the length of the coil.

► **CROSS BOW**



There is a bow in the coil across the width of the material.

► **TWISTED STRIP**



Coil has positive coil set on one side and a minimal coil set on the other side.

► **EDGE WAVE**



Wave like appearance on one or both sides of the coil edge.

► **CENTER BUCKLE**



This is like edge wave, except the wave is in the middle of the strip and the edge is flat.

STRAIGHTER	FLATTENER	LEVELER
3 - 5 Rolls	5 - 11 Rolls w/ Back-ups	11 - 21 Rolls w/ Back-ups & Roll Bending
✓	✓	✓
	✓	✓
	✓	✓
		✓
		✓

RESULT: THE RIGHT COIL CORRECTION EQUIPMENT CAN PROVIDE THE MATERIAL FLATNESS NEEDED FOR LASER CUTTING