



**Midway Metals**

the stainless steel innovators



**Red Bud, IL USA**



***Ultimate performance***

***Australia's biggest high speed, coil-to-coil slitting line***

# Market leading speed and capabilities

At Midway Metals, we pride ourselves on quality and innovation. In light of this, we are always looking to build upon our in-house capabilities. One of the most recent additions to our processing capacity, is our high speed, coil-to-coil slitting line, from Red Bud in the USA.

This machine will set a new standard for performance and productivity in the Australian coil processing industry.

Our new slitting line boasts a quick and easy set up, and will decrease or even eliminate the amount of camber, usually introduced in the slitting process. This reduction will yield closer tolerances for coils slit on our machine and then processed in secondary operations.

## More than size

Our high speed slitting line is big—the largest of its type in Australia—but it's not just size that sets this machine apart from inferior alternatives, it's the broad range of capabilities it possesses. The ability to break down larger coils into smaller ones and the option of applying PE to either the top, bottom or both sides of the material, produces a far superior product and sets this machine apart from the rest of the Australian market.



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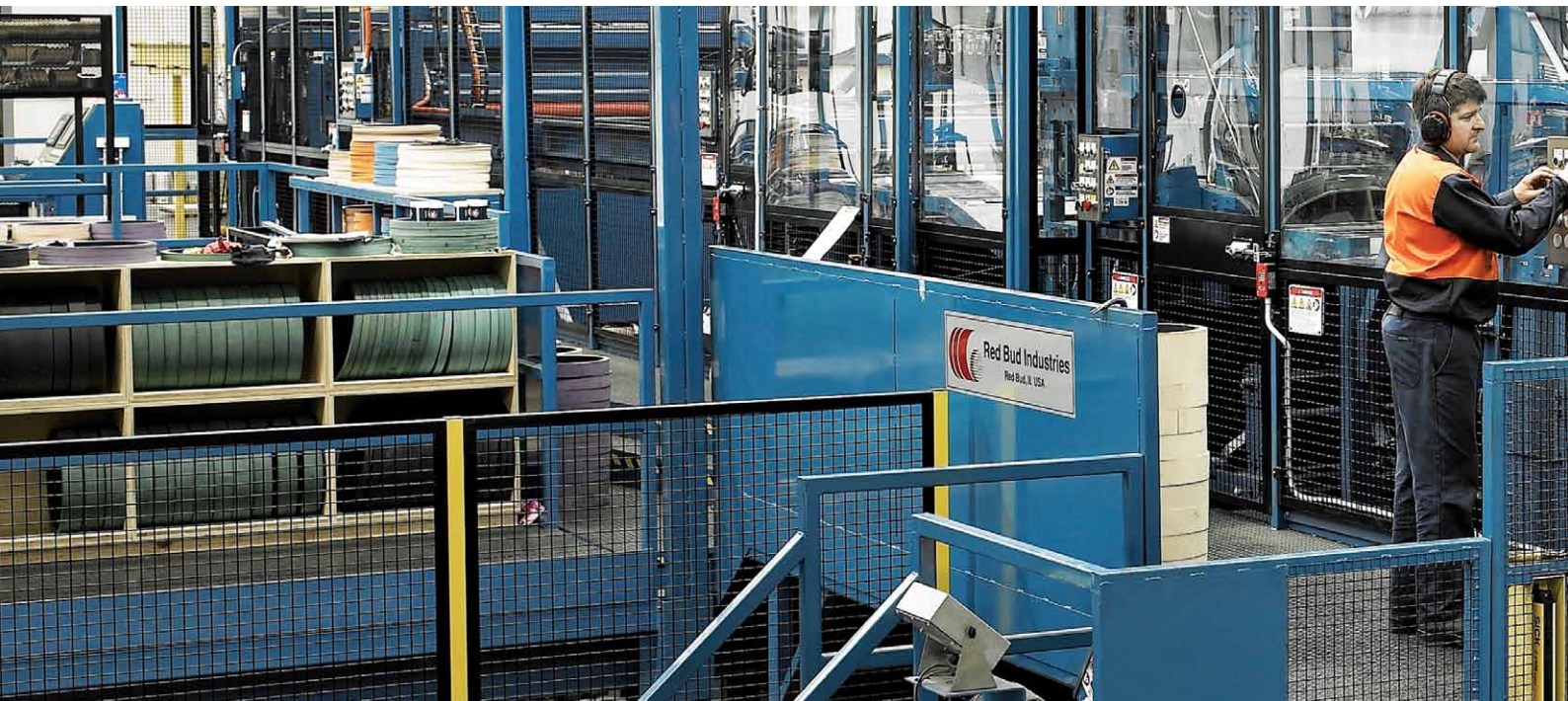
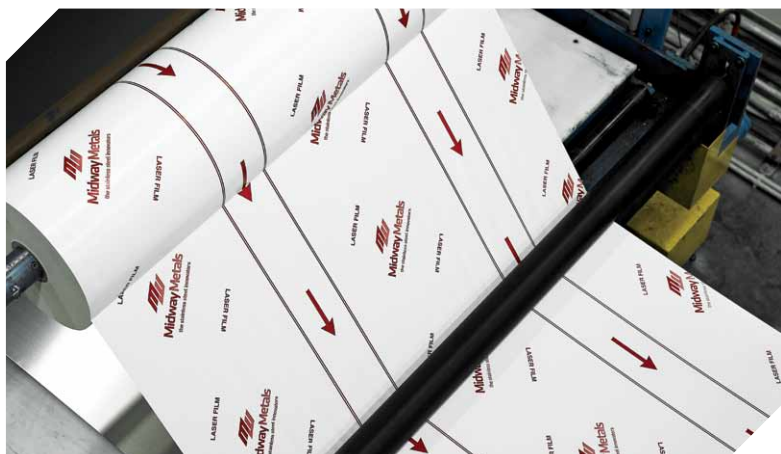
## Slitting line capabilities

	Minimum	Maximum
<b>Entry Coil Weight</b>	2,000kg	13,600kgs
<b>Entry Coil ID</b>	483mm	635mm
<b>Coil Diameter</b>	N/A	1905mm
<b>Thickness</b>	0.5mm	8.0mm
<b>Coil Width</b>	480mm	2210mm
<b>Slit Width</b>	20mm	2100mm
<b>Exit Coil Weight</b>	13,600kg	13,600kgs
<b>Exit Coil ID</b>	508mm	508mm

**Accuracy:** +/- 0.051mm

**Tooling:** ASKO Edgemaster shimless tooling

PE Coating available top and bottom



# Three stages of speed and accuracy

## Stage one

### Mandrel and automatic coil tracking system

- Mandrel drives the material along the line, to the tension stand
- Automatic coil tracking system compensates when the strip deviates from the centreline by moving in the opposite direction until the coil is centered again
- Material is then sent to the crop shear for initial square edge

## Stage two

### Slitting head

- Traversing base allows the slitter to “float” with the strip while running. This side to side adjustment is motorised
- System prevents additional camber from being introduced into the slit strips
- Slitter features:
  - Fully automatic pass line compensation
  - Automatically adjusts to different knife diameters
  - Compensates for material thickness
  - PE coating ability for both sides
- Scrap choppers cut the edge trim and conveyor system carries the scrap to bins

## Stage three

### Tension system, exit crop shear and recoiler

- Automatic tension system assures proper winding tension
- Exit crop shear cuts the coil ahead of recoiler to eliminate the need for rethreading the entire line when breaking down coils
- Mandrel gripper compensates for thickness variations across the width of the strip
- Recoiler tail hold-downs and controls strips, which prevents loose tails at the end of the run



## ***The stainless steel innovators***

Leading the industry in both quality and innovation of product lines and services, is our main priority. We are constantly updating what we offer to ensure that we stay ahead of our competitors. We go the extra mile to meet our customers needs. Midway's focus is ensuring complete customer satisfaction via procuring, stocking and identifying all forms of stainless steel and providing an unequalled level of after sale service and support.

### ***Not just products***

At Midway, we don't just sell stainless steel. We have a whole range of services that sets us apart from our competitors and further reinforces our position as the industry leaders in all things stainless steel. We are passionate about meeting your needs and will continue to deliver on our promise to lead the industry in quality, service and innovation.

### ***Grades***

- 303
- 304/304L
- 316/316L
- 321
- 310/253MA
- 409L
- 431
- 1.4003
- T4003
- 2101
- 2205
- 2507

### ***Products and services***

- Coil/Sheet/Plate
- Bar
- Pipe/Tube
- Buttweld/BSP/NPT fittings
- Plate/Forged flanges
- Hygienic tube fittings
- Valves
- Plasma cutting up to 80mm

## ***Office / Warehouse locations***

<b><i>Coil Centre</i></b>	<b><i>P</i></b> (07) 3382 9500	<b><i>F</i></b> (07) 3807 8150
<b><i>Albury</i></b>	<b><i>P</i></b> (02) 6041 4000	<b><i>F</i></b> (02) 6041 4422
<b><i>Brisbane</i></b>	<b><i>P</i></b> (07) 3287 2811	<b><i>F</i></b> (07) 3807 2687
<b><i>Melbourne</i></b>	<b><i>P</i></b> (03) 9791 5111	<b><i>F</i></b> (03) 9791 5333
<b><i>Newcastle</i></b>	<b><i>P</i></b> (02) 4966 3800	<b><i>F</i></b> (02) 4966 3811
<b><i>Perth</i></b>	<b><i>P</i></b> (08) 9248 6944	<b><i>F</i></b> (08) 9248 6955
<b><i>Sydney</i></b>	<b><i>P</i></b> (02) 9670 8900	<b><i>F</i></b> (02) 9834 2441
<b><i>Townsville</i></b>	<b><i>P</i></b> (07) 4728 8777	<b><i>F</i></b> (07) 4728 8778
<b><i>Auckland</i></b>	<b><i>P</i></b> +64 9 424 4194	<b><i>F</i></b> +64 9 424 4194
<b><i>Vietnam</i></b>	<b><i>P</i></b> +84 3 5138 48468	<b><i>F</i></b> +84 3 5138 48456

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