STEEL PROCESSING SERVICES

PLATE ROLLING

Rollco is an Australian leader in steel processing, specialising in cold roll bending and pressing of sectional and plate steel. We've serviced industrial customers since 1981 and are now part of the Southern Steel Group, Australia's largest independent steel supplier.

We're equipped with the industry's largest and most sophisticated machinery, managed by highly skilled and dedicated professionals. Our in-house capabilities streamline production, reducing the need for multiple orders and deliveries.

We're committed to meeting customer requirements and delivering exceptional quality, ensuring we stay at the forefront of industry demands.

PROCESS

Cold rolling is a globally recognised process for precision-shaping of steel flat plates into various radial forms such as cylinders, cones, arcs, or other curved components. It's widely used in industries like shipbuilding, pressure vessel fabrication, pipelines, construction, and heavy equipment manufacturing.

GREEN

The term 'green' describes the straight portions at the start and end of a curved piece, necessary for machine grip during rolling. With our double initial pinch machines, we can often pre-set the ends, reducing material costs and eliminating the need for additional cutting.

CAPACITY

Our range of machines, varying in size, can accommodate most project needs. The table below, based on 250-grade mild steel, serves as a general guide. For specific information on your project, please don't hesitate to contact us.

NOTES

230 plate rolls - 220mm minimum diameter, 2m long.

280 plate rolls - 350mm minimum diameter, 3m long, pending material thickness.

360 plate rolls - 460mm minimum diameter, 3.05m long, pending material thickness.long.

Rollco Pty Ltd ABN 23 002 155 688

22 Queen Street
Revesby NSW 2212

+61 2 9772 4188

rollco@rollco.com.au
www.rollco.com.au

STEEL PROCESSING SERVICES

PLATE ROLLING

ROLLING CAPACITY

The table below, based on 250-grade mild steel, showcases our capabilities. It serves as a guide and actual results may vary depending on the specific material and bend radii requirements.

LEGEND

Preset

Green Required

Thickness	Ø	Width									
		100	200	400	600	800	1000	1500	2000	2500	3000
1.6mm	250										
	400										
3mm	200										
	250										
	300										
	400										
6mm	200										
	250										
	400										
	500										
8mm	200										
	250										
	300										
	350										
	500										
10mm	200										
	250										
	300										
	500										
12mm	200										
	250										
	300										
	420										
	600										
16mm	400										
	500										
	800										
	1000										
20mm	400										
	600										
	800										
	1000										
	2000										
25mm	400										
	600										
	800										
	1000										
	2000										
	3000										
32mm	400										
	600										
	800										
	1000										
	2000										
	3000										
40mm	600										
	800										
	1000										
	2000										
	3000										
50mm	600										
	800										
	1000										
	2000										
	3000										

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