

POLISHER SPECIFICATIONS

Machine Type	Wet-operation flat surface polishing and belt grinding
Grinding Units	Two abrasive belt stations
Surface Finishes	Grinding, satin finishing, polishing, and deburring
Surface Finish Options	80, 100, 120, 180, and 240 grit
Edge Finish	120 grit
Max Dimensions	250 mm W x 150 mm H

FINISH EXAMPLES



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SIZES AVAILABLE FOR POLISHING

HRAP STAINLESS FLAT BAR 304 316

WIDTH (MM)	THICKNESS (MM)					THICKNESS (MM)				
	5	6	8	10		12	16	20	25	30
20										
25										
30										
40										
50										
60										
65										
75										
100										
150										

SRE STAINLESS FLAT BAR

WIDTH (MM)	THICKNESS (MM)			
	3**	5	6	10
12				
20				
25				
30				
40				
50				
65				
75				
100				
150				
200**				

**Sizes unavailable for edge polishing

NEED A DIFFERENT SIZE OR GRADE?
Steel & Tube can source uncommon sizes and grades of steel through our Indent Trading team. Backed by ISO:9001 Quality Management Systems and careful procurement from reputable mills. Contact us to get the search started.

HRAP STAINLESS ANGLE

WIDTH (MM)	THICKNESS (MM)			
	3	5	6	10
20				
25				
30				
40				
50				
65				
75				
100				

Please note: Angle polishing is restricted to external surfaces only. Internal polishing and edge finishing services are unavailable at this time.

NEW POLISHING SERVICE

Steel & Tube invested in a new wet-system flat polisher.

Our dual head polishing has less friction and heat, producing a uniform high-quality satin finish. Less heat brings less material distortion, preserving product appearance and integrity.

From mill finish stainless steel flat bar and angle bar, you can now choose a satin finish with consistent Ra values of 80 grit up to a smooth 240 grit.

WHY POLISH STAINLESS?

CORROSION RESISTANCE & HYGIENE

A smoother surface has fewer microscopic pits and crevices where contaminants, moisture, or chlorides can collect. This can improve the corrosion resistance and hygienic properties of stainless.

ENGINEERING PROPERTIES

A polished surface can reduce friction and wear between the flat bar and other components or materials, or reduce drag in aero and fluid applications.

APPEARANCE

Polishing creates a clean, high-end, decorative finish that can be matched to other components such as handrails, splash backs, machinery, etc. Common in architectural, retail, hospitality, and residential projects.



NATIONWIDE STEEL SOLUTIONS

Steel & Tube offers a comprehensive range of steel related products and services through a nationwide distribution and processing network, so no matter where you are in the country we can deliver product to you.

Steel	0800 478 335
Aluminium	
Roofing & Cladding	0800 427 663
Purlins	0800 278 754
Chain & Rigging	0800 100 260
Reticulation, Pipe & Cable Supports	0800 474 735
Stainless	0800 426 787
Hurricane Rural & Fencing	0800 800 947
Fortress Fasteners	0800 425 262
CFDL (ComFlor sales)	0508 332 546

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NEW SERVICE!

STAINLESS STEEL FLAT BAR POLISHING

Wet-system surface polisher now operating in Auckland, offering consistent finish options.