



UPGRADE

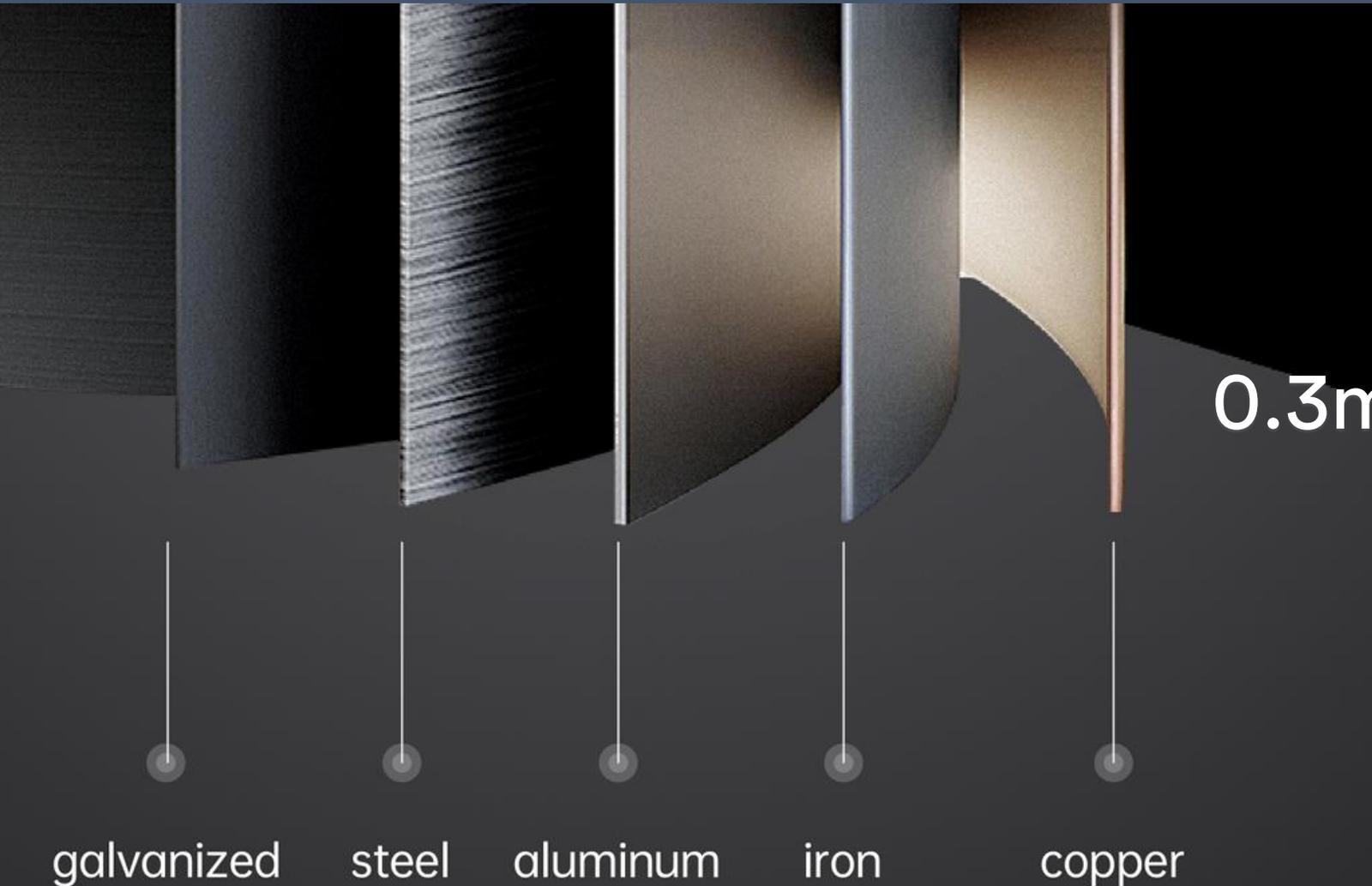
Handheld Laser Welder

1500W

2000W

3000W

Versatility – ***Weld Various Metals***



0.3mm ~ 6mm Thickness

galvanized

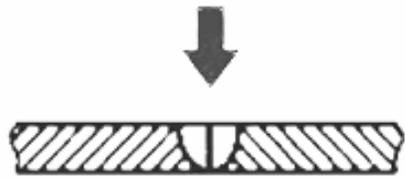
steel

aluminum

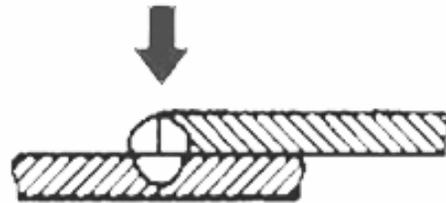
iron

copper

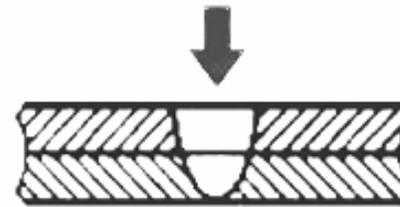
Versatility – Weld Methods & Angles



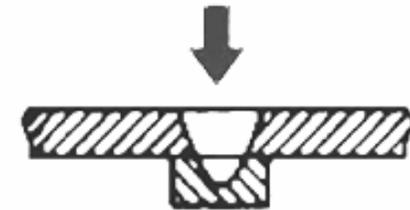
butt welding



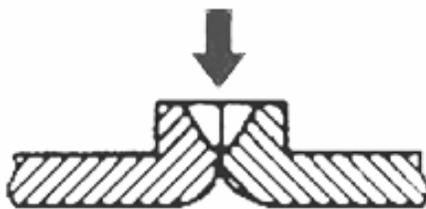
lap welding



over-weld



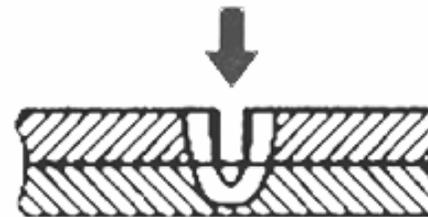
tack welding



crimp welding



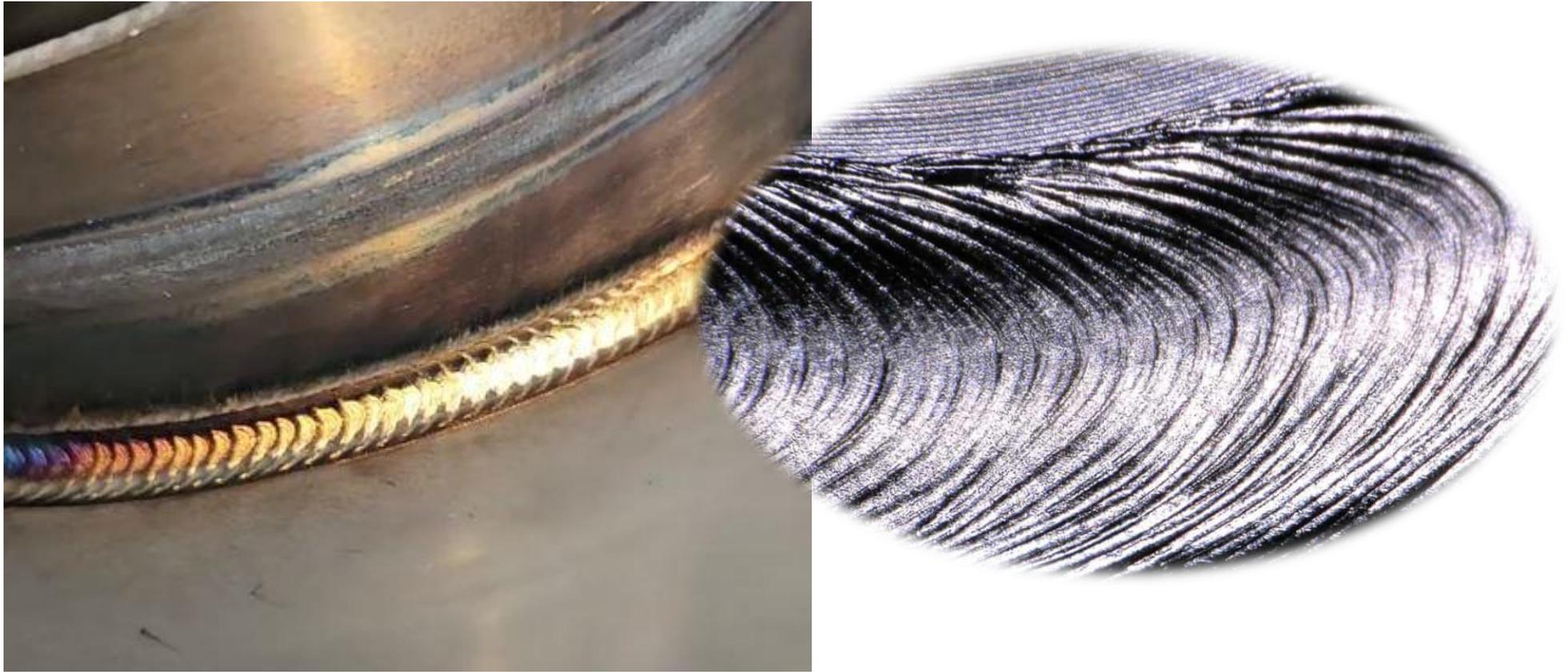
T-welding



overlapping
welding



weld seamlessly
around the edges



Scaly figure welding can be achieved without any welding experience

Laser Capability

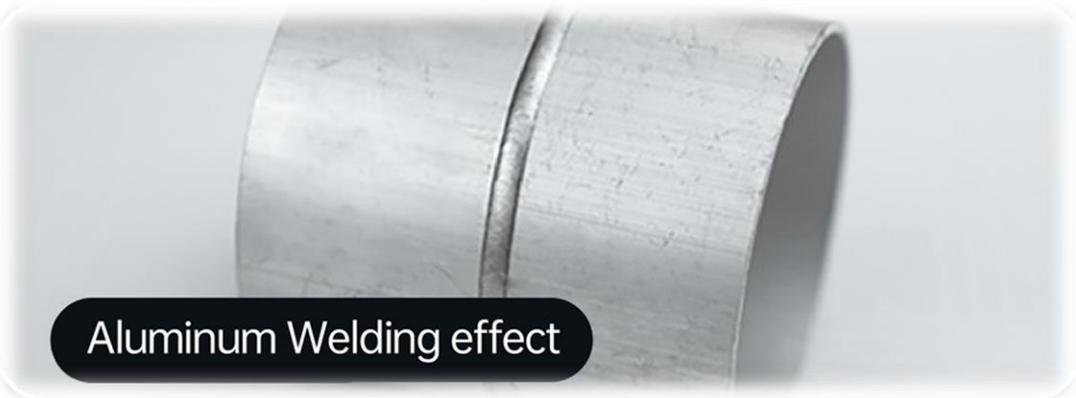
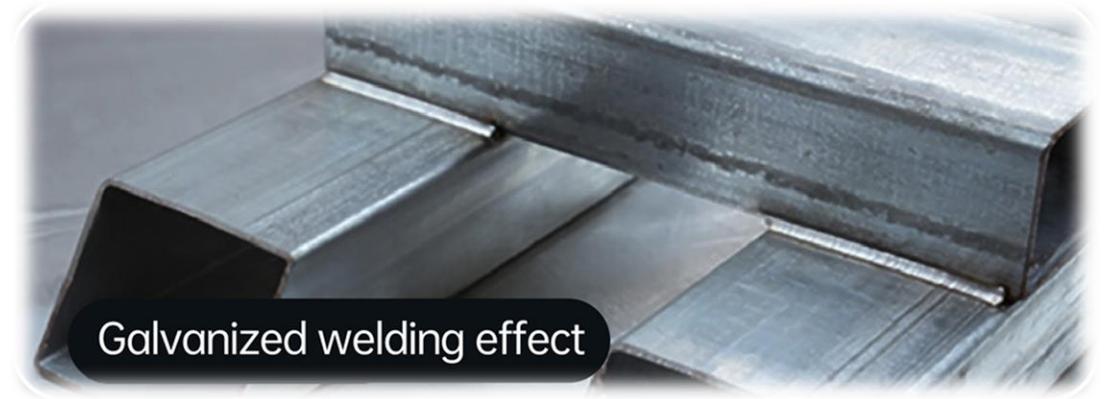
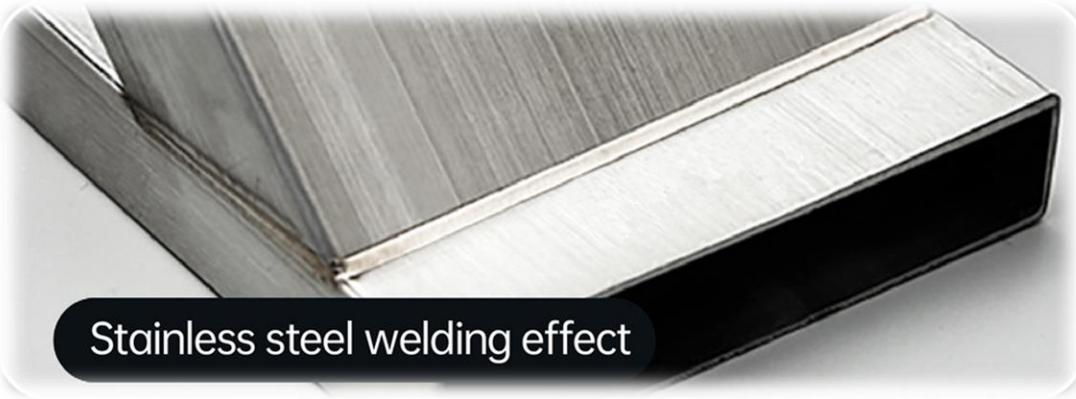


Model	1500W	2000W	3000W
General Power	≤8KW	≤10KW	≤12KW
Rated Voltage	220V±10%	220V±10%	380V±10%
Beam quality	M2<1.2	M2<1.2	M2<1.5
Max Penetration	3.5mm	4.5mm	6mm
Working mode	Continuous or modulate		
Laser wavelength	1064NM		
Cooling system	Industrial Water Chiller		
Fiber length	5M-10M, Customizable		
Welding speed	0~120 mm/s(Max 7.2m/min)		
Rated Frequency	50/60 HZ		
Wire Diameter	0.8/1.0/1.2/1.6		
Protective Gas	Argon/Nitrogen		
Package Size	151*71*145CM		
Machine Weight	300KG		

Machine Structure



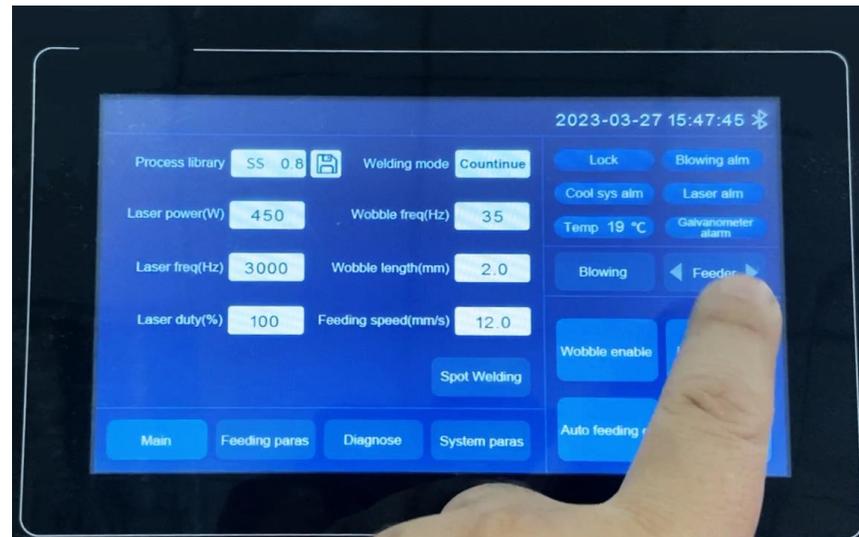
Welding Samples



Easy & Flexible - Operation



Trolley Design

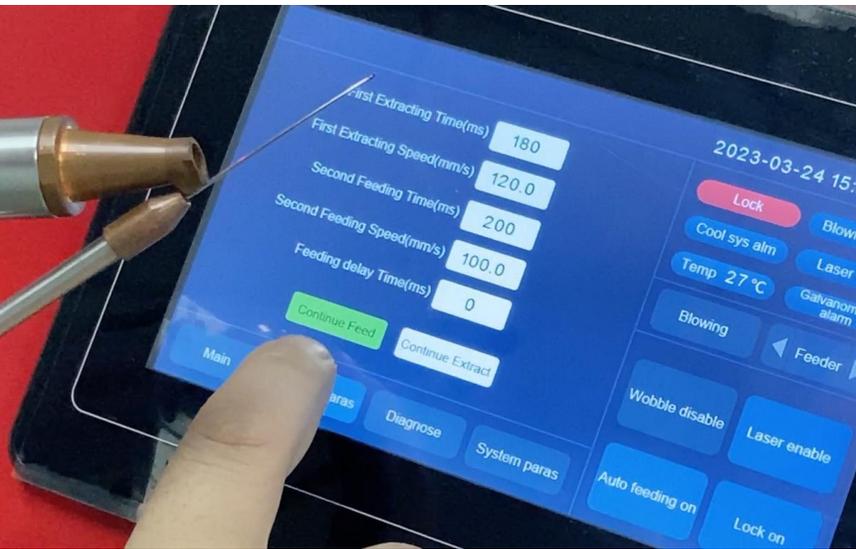


Pre-Set Parameters



Red Point Positioning

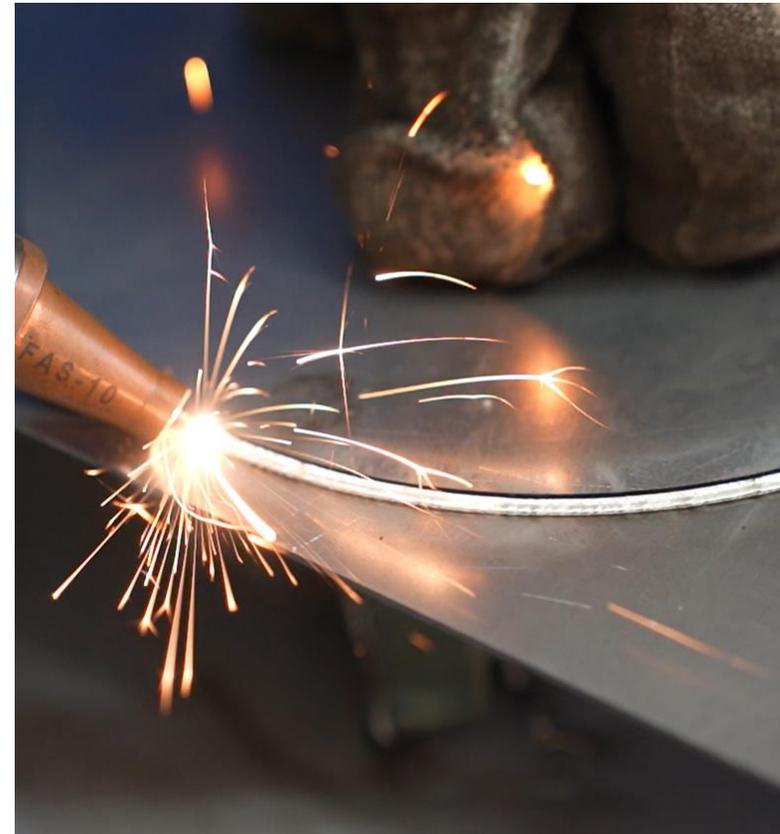
Easy & Flexible - Operation



Auto Feeding Wire



Wire Feeder (single & double)



Start Welding

LASER WELD ***VS*** ***ARC WELD***

	Laser Welding	Arc Welding
Speed	Up to 2-10 times	Average
Quality	Depends on user experience	Consistent high-quality results
Energy Consumption	Low	High
Heat Affected Area	Minimum	Large
Material Deformation	Barely or no deformation	Deform easily
Welding Spot	Fine welding spot and adjustable	Large Spot
Welding Result	Clean welding edge with no further processing needed	Extra polish work needed
Operator Safety	Ir-radiance light with no harm	Intense ultraviolet light with radiation
Environment Implication	Environmentally friendly	Ozone and nitrogen oxides (harmful)
Protective Gas Needed	Argon	Argon

INDUSTRIES



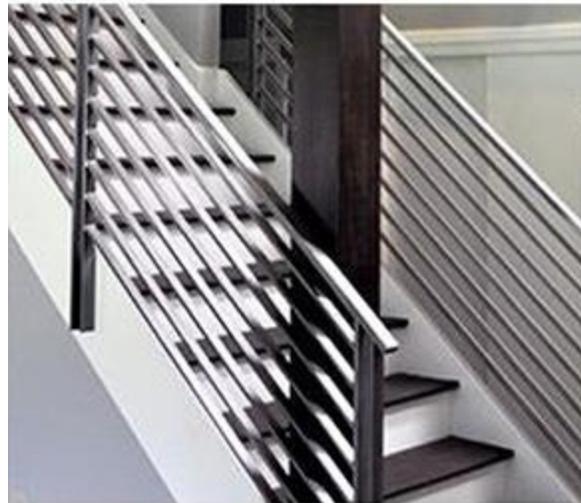
Kitchen Ware



Ventilation Duct



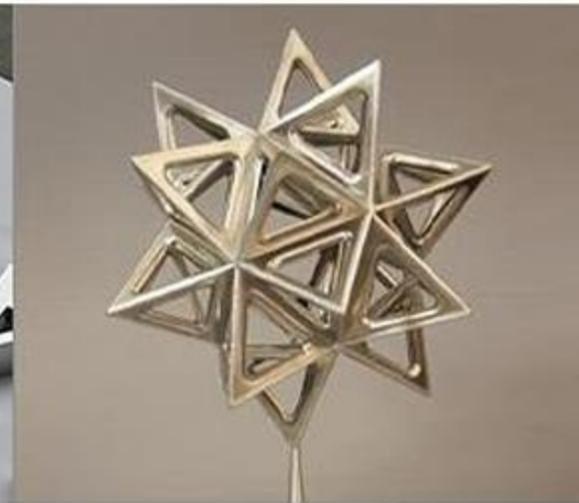
Automotive



Handrail & Fence



Advertising Sign



Art Decoration

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