



## SERVICES

## ARCHITECTURAL & INDUSTRIAL

Processing | Educational

## SERVICES - Flat Products Processes

SERVICE PROVIDED	MATERIAL	SPECIFICATIONS
Coil Cut-To-Length	Stainless Steel	Material Thickness 0.5 - 3.0 mm Maximum Coil Width: 1,220 mm Maximum Coil Weight: 8,000 Kgs
	G.I/ Aluminium	Material Thickness 0.5 - 3.0 mm Maximum Coil Width: 1,500 mm Maximum Coil Weight: 5,000 Kgs
	Stainless Steel	Material Thickness: 3.0 - 12.0 mm Maximum Coil Width: 2,000 mm Maximum Coil Weight: 20,000 Kgs
	Stainless Steel	Material Thickness - 0.5mm - 3mm Maximum Width: 1,500 Maximum Weight: 12,000 Kgs
Coil Slitting	Stainless Steel	Maximum Thickness: 5.0 mm Maximum Coil Width: 1,500 mm
Sheets Shearing	Stainless Steel	Maximum Thickness: 3.0 mm Maximum Cutting Length: 3,100 mm
Sheets Bending	Stainless Steel	Maximum Thickness: 5mm & 10 mm Maximum Cutting Length: 3,000 & 6,000 mm (7 Axis)
Laser Cutting	Stainless Steel	Maximum Thickness: 4.0 mm Maximum Width: 1,500 mm Maximum Length: 3,000 mm
Plasma Cutting	Stainless Steel	Maximum Thickness: 50.0 mm Maximum Width: 3,000 mm Maximum Length: 12,000 mm

## SERVICES - Flat Products Processes

SERVICE PROVIDED	MATERIAL	SPECIFICATIONS
Oxy Fuel Cutting	Carbon Steel	Maximum Thickness: 100.0 mm Maximum Width: 3,000 mm Maximum Length: 12,000 mm
Water-jet Cutting	Stainless Steel	Maximum Thickness: 50.0 mm Maximum Width: 2,000 mm Maximum Length: 6,000 mm
Water-jet Cutting (Auto Rotation Cutting)	Stainless Steel	Maximum Thickness: 50.0 mm Maximum Width: 3,000 mm Maximum Length: 13,000 mm
Punching (Sheet to Sheet) CNC	Stainless Steel	Maximum Thickness: 3.0 mm Maximum Width: 1,500 mm Maximum Length: 3,000 mm
Punching (Sheet to Sheet) NC	Stainless Steel	Maximum Thickness: 2.0 mm Maximum Width: 1220 mm Maximum Length: 3050 mm
Punching (Coil to Coil)	Stainless Steel Galvanized Iron Aluminium	Maximum Thickness: 1.0 mm Maximum Width: 1,250 mm Maximum Thickness: 1.2 mm Maximum Width: 1,250 mm Maximum Thickness: 1.5 mm Maximum Width: 1,250 mm
Blanking - Drawing	Stainless Steel	Eccentric Presses: max 1,600 kN Hydraulic Presses: max 3,000 kN
Rolling	Stainless Steel	Maximum Thickness: 26.0 mm Maximum Width: 3,000 mm

## SERVICES - Round Parts Processes

SERVICE PROVIDED	MATERIAL	SPECIFICATIONS
Turning – Milling Vertical Milling	Stainless Steel Stainless Steel	Maximum Bar Diameter: 76.0 mm Pallet Size: 860 x 560 mm
Tube Bending	Stainless Steel	Tube Diameter: 12.0 – 76.2 mm Wall Thickness: max 3.0 mm Minimum Bending Radius: R = D
Free Radii Tube Bending	Stainless Steel	Maximum Diameter: 50.8 mm
Tubes – Solid Bars Cut-to-Length	Stainless Steel	Maximum Diameter: 408.0 mm
Lathe - CNC (Double Turret, Double Chuck)	Stainless Steel	Max. Bar Diameter - 76mm
Lathe - CNC (Double Chuck)	Stainless Steel	Max. Bar Diameter - 42mm
Lathe - CNC	Stainless Steel	Max. Bar Diameter - 42mm

## SERVICES - Free Form Parts Processing

SERVICE PROVIDED	MATERIAL	SPECIFICATIONS
Investment Casting Hydraulic Press Eccentric Power Press	Stainless steel Stainless Steel Stainless Steel	Maximum casting weight: 10 Kg 3000 kN 30 kN to 1600 kN

## SERVICES - Surface Finish / Treatment

SERVICE PROVIDED	MATERIAL	SPECIFICATIONS
Mirror Polishing Satin	Stainless Steel Stainless Steel	

## SERVICES - Surface Finish / Treatment

SERVICE PROVIDED	MATERIAL	SPECIFICATIONS
Hairline PVD Coloring Pattern Etching Embossing Bead Blasting Vibration Marble Finishing Anti-Finger Print Pickling – Passivation Electro Polishing	Stainless Steel Stainless Steel Stainless Steel Stainless Steel Stainless Steel Stainless Steel Stainless Steel Stainless Steel Stainless Steel	Gold, Bronze, Copper, Black  Leather, Linen, 5WL, Chequered, Dimple

## WELDING

SERVICE PROVIDED	MATERIAL	SPECIFICATIONS
MIG  TIG SAW	Stainless Steel Carbon Steel Stainless Steel Stainless Steel Carbon Steel	400 A 200 A  1000 A Boom 4 m x 4 m
ARC	Stainless Steel Carbon Steel	400 A
Cold ARC	Stainless Steel Carbon Steel	400 A
Orbital	Stainless Steel	200 A Maximum Diameter 76.2 mm

## SERVICES - Blasting/ Painting

# HIDAYATH

GROUP

## Corporate Headquarters

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