

40 YEARS

HIDAYATH
GROUP

**Middle East's
Preferred Metal
Service Centre**



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EQUIPMENT & MACHINERY

S.NO.	EQUIPMENT	PURPOSE	CAPACITY
1	Slitting Machine	Slitting Coil to desired width	0.7 mm to 4 mm thickness, Max width-1.5 mtr.
2	Cut To Length	Cutting Sheets of desired length from coil	Thickness (0.4 mm to 3 mm) Max Width 1.5 mtr; Max length = 7 mtr. Thickness (3 mm to 12 mm) Max Width 2.0 mtr; Max length = 12 mtr., 25 Tons GI - Width 1500 mm, max. thickness 03 mm, 06 Tons
3	Mirror polishing	Polishing Sheets to 8# Finish	Min. Thickness = 0.5 mm to 20mm; Max length = 6 mtr.
4	Brush Polishing Machine	For 4# Finishing in Sheets	Thickness - 0.8 mm to 8 mm , Max length = 6 mtr.
5	Hairline Machine	For HairLine Finishing of Sheets	Thickness - 0.5 mm to 8 mm; Width-1.2m -2 m; Length - 6 mtr.
6	Vibration Machine	For non Directional Finishing of Sheets	Thickness - 0.5 mm to 5 mm; Width - 1.2m; Length -up to 6 mtr.
7	Brush Pipe Polishing Machine	For 4# Finishing in Pipes & Tubes	12.7 mm to 203.2 mm OD schedule pipes and tubes
		For 8# Finishing in Pipes & Tubes	Tubes-19.05 mm to 203.2 mm Schedule pipes-12.7 mm to 152.4 mm (Sch. 40) & 203.2 mm (Sch. 10)
8	Perforation Machine / CNC Perforation Machine	Coil to Coil perforation / Plate Perforation	(Coil) GI / ALUM = Thickness = 0.5 mm to 1.2mm; Max Width = 1250mm (NC)
			(Plate) SS = Thickness 0.5mm to 3.0mm; Max Width 1219mm x 3 mtr. (NC)
			Table size 3000*1500 mm, Max thickness 3 mm (CNC)
9	Bead Finish Machine	For uniform matte finish of sheet surface with micro pits	Thickness - 0.8 mm to 3 mm, Max Sheet Size -1.5 m x 3 mtr.
10	Waterjet Machine	Cutting using high pressure water with abrasives.	SS/AL/M.S - Min. 0.5 mm - Max. 50 mm Thickness, 16m, Length, 3.8m Width
11	PVD Machine	Titanium Coating on Substrates	Thickness = 0.7 mm to 5 mm, Max width =1.5 mtr; Max length - 5 mtr. (for lower thickness)
12	Etching Machine	To produce designs on sheet surface by chemical etching	Thickness = 0.7 mm to 3 mm; Max sheet size (on request)
13	Embossing Machine	For producing desired patterns on sheets by embossing	Thickness = 0.7 mm to 1 mm; Max width = 1219 mm
14	V-Groove Machine	For cutting V-Grooves on sheets	Max Sheet size = 1.2 m x 4 m , Thickness = up to 4 mm
15	CNC Plasma OXY Fuel	Plate Cutting Machine	Table size 14000*3500 mm, cutting capacity 50 mm by plasma, 110 mm by oxy fuel.
16	Press Brake	Bending	Length 3000 to 7000 mm; Thickness 05 mm; Capacity 660 Tons
17	Shearing Machine	Shearing	Length 3000 mm, Thickness 0.5 mm to 10mm
18	Rolling	Plate Rolling	Width 3000 mm; Thickness 8mm to 45 mm
19	Beveling	Plate Beveling	Thickness from 40 to 90 mm
20	Pipe Rolling	Pipes Rolling	6000 mm, Dia 1/2" to 2"
21	Iron Maker	Shearing of Sections	Angle 120*120*12 mm, Rod dia 40 mm, Square 35 mm.
22	Lathe Machine	Machining	2000 mm; Chuck dia 350 to 450 mm
		For Turining of Various Components	Max. Dia. 40mm to 70mm
23	Milling machine	Machining	2000*400*400 mm
24	Milling & Drilling	Machining	400 * 200 mm
25	Radial Drilling	Drilling	Up to 50 mm
26	Welding Rotators	Rotation of Shells	Up to 45 Tons
27	Welding Positioner	Positioners for Welding	Dia up to 1200 mm; 1000 Kgs.
28	Electropolishing	Is the ultimate process in the surface finishing to enhance the corrosion resistance of stainless steel and produces a superior finish with unique properties. The process is carried out by immersion in a tank with an electrolyte and a DC power passed through a rectifier having the opposite effect of electroplating the process removes a layer of 5 to 40 um (microns).	
	Passivation		
	Pickling		
29	Aluminium Anodising	Is a process method of electrolysis in which a controlled rate Aluminium Oxide is built on the surface forming a ceramic like parallel film which is very corrosion, wear resistant and non-conductive.	
30	Flat Bar Polishing Machine	Flat Bar Polishing Machine	Max.150mm width, Max.12mm Thickness
31	Eccentric Power Press	Eccentric Power Press	30KN to 1600KN
32	Tube bending machine	Tube bending machine	Max.Dia. 2"