

List of Plant Equipment for Fabrication work

BAY 1	Sr. No.	Machine Name	line	MAKE	Qty	Qty in Use	Capacity of machine	Remarks	Installed Cap. Per shift (MT)	Installed Cap. Per day (MT)
	1. SHEARING MACHINERIES									
		10mmX 3100mm Shear	CUTTING	Wuxi Jinquiv	1	1	max thick - 10mm		15	45
		25mmX3100mm Shear	CUTTING	Wuxi Jinquiv	2	2	max thick - 25mm		60	180
	2. PUNCHING / DRILLING MACHINERIES									
		Plate drilling m/c CNC	DRILLING	Jinan Fast	1	1	Drill max. - 50mm, thick max. - 80mm, max. plate 1650 X 1000		3	9
		Plate drilling & Punching CNC	DRILLING	Jinan Fast	1	1	drill max. - 40mm, max punch - 25mm, max. thick for punch - 16mm		4	12
	3. POWER PRESS									
		Power press 45T	PUNCHING & BENDING	WUXI	1	1	Clips and small parts max thickness 6mm		5	15
	4. H-BEAM ASSEMBLY MACHINERIES (HORIZONTAL TACKING)									
		HORIZONTAL TACKING	ASSEMBLY	ERA Buildsys	1	1	web -160 to 1500 flange - 0 to 800, max fillet - 8mm		20	60
	5. BEAM WELDING MACHINERIES (SAW WELDING)									
		Jingjong Welding Line	H BEAM	Jingjong	1	1	web - 200 to 1200, flange - 200 to 500, Speed-2.5 mts / min		20	60
	6. BEAM STRAIGHTENING MACHINERIES									
		Yang Tong Straighting M/C	STRAIGHTENING	Yangtong	1	1	32mm		20	60
	7. CRANES									
	EOT Crane 5T	CRANE	Demag	5	5	Capacity- 5T				

BAY-2	Sr. No.	Machine Name	line	MAKE	Qty	Qty in Use	Capacity of machine	Remarks	Installed Cap. Per shift (MT)	Installed Cap. Per day (MT)
	1. FLAME CUTTING MACHINERIES									
		Multi Touch (E# 31)	GAS CUTTING	Yangtong	1	1	Max thick 80mm, Speed-550mm/min max.		40	120
	2. WEB SEAMING MACHINERIES									
		Web Seaming m/c	SPLICE	Jingjong	1	1	web - 1200mm max. thick - 25mm, Speed-1.5mts / min		5	15
		Tornado Saw Welding Machine	SPLICE	Adore	1	1			5	15
	3. H-BEAM ASSEMBLY MACHINERIES									
		Yang Tong Assembly m/c	ASSEMBLY	Yangtong	1	1	web -160 to 1500 flange - 0 to 800 , max fillet - 8mm		20	60
	4. BEAM WELDING MACHINERIES (SAW WELDING)									
		Jingjong Welding Line	H BEAM	Jingjong	1	1	web - 200 to 1200, flange - 200 to 500, Speed-2.5 mts / min		20	60
	5. BEAM STRAIGHTENING MACHINERIES									
		Yang Tong Straighting M/C	STRAIGHTENING	Yangtong	1	1	32mm		20	60
	6. CRANES									
		EOT Crane 10T	CRANE	Demag	1	1	Capacity-10T			
		EOT Crane 5T	CRANE	Demag	4	4	Capacity-5T			


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BAY-3	Sr. No.	Machine Name	line	MAKE	Qty	Qty in Use	Capacity of machine	Remarks	Installed Cap. Per shift (MT)	Installed Cap. Per day (MT)
	1. SHEARING MACHINERIES									
		10mmX 3100mm Shear	CUTTING	Wuxi Jinquiv	1	1	max thick - 10mm for 36 grade		15	45
		13mm X 6meter Shear	CUTTING	Durmazlar Makina	1	1	Max thick - 13mm for 36 grade		25	75
	2. WEB SEAMING MACHINERIES									
		Web Seaming m/c	SPLICE	Jingjong	1	1	web - 1200mm max. thick - 25mm		5	15
		Tornado Saw Welding Machine	SPLICE	Adore	1	1			5	15
	3. H-BEAM ASSEMBLY MACHINERIES									
		Yang Tong Assembly m/c	ASSEMBLY	Yangtong	2	2	web -160 to 1500 flange - 0 to 800 , max fillet - 8mm		60	180
	4. BEAM WELDING MACHINERIES (SAW WELDING)									
		Yang Tong Welding Line	H BEAM	Yangtong	4	4	web - 300 to 1500 flange - 0 to 800, max. thick - 32mm, max fillet - 20mm		60	180
BAY-4	5. BEAM STRAIGHTENING MACHINERIES									
		Yang Tong Straightening M/C	STRAIGHTENING	Yangtong	1	1	32mm		20	60
	6. CRANES									
		EOT Crane 10T	CRANE	Demag	1	1	Capacity-10T			
		EOT Crane 5T	CRANE	Demag	3	3	Capacity-5T			
	1. CRANES									
		EOT Crane 10T	CRANE	Demag	1	1	Capacity-10T			
		EOT Crane 5T	CRANE	Demag	4	4	Capacity-5T			
BAY-5	Sr. No.	Machine Name	line	MAKE	Qty	Qty in Use	Capacity of machine	Remarks	Installed Cap. Per shift (MT)	Installed Cap. Per day (MT)
	1. WEB SEAMING MACHINERIES									
		Tornado Saw Welding Machine		Adore	1	1			5	15
		Web Seaming Machine (Profile)		Jing Jong	1	1	Thickness Range 6 to 80mm, Plate Width- 3mtr.		5	15
	2. H-BEAM ASSEMBLY MACHINERIES									
		Jing Jong Assembly m/c	ASSEMBLY	Jing Jong	1	1	web -200 to 2500, flange - 180 to 800		50	150
	3. BEAM WELDING MACHINERIES (SAW WELDING)									
		Jing Jong Welding Line	H beam	Jing Jong	1	1	web ->200, flange -180 to 800, Speed- 150-1500mm/min		35	105
	4. BEAM STRAIGHTENING MACHINERIES									
		Jing Jong Straightening M/C	STRAIGHTENING	Yangtong	1	1	80 mm		40	120
	5. GANTRY TYPE CNC DRILLING MACHINE									
		CNC DRILLING MACHINE	H beam	Falcon CNC machineries Co Ltd.	1	1	Drilling Dia- 12.5mm- 40mm, Height of Web- 770mm- 2500mm, Width of Flange-300-1000mm, Flange thickness- 60mm, Max loading Cap. Of worktable-48T		20	60
	6. CRANES									
		Gantry Crane 15T	CRANE	ALFA	2	2	Capacity-15T			
		EOT Crane 10T	CRANE	Demag	1	1	Capacity-10T			
		EOT Crane 5T	CRANE	Demag	3	3	Capacity-5T			



BAY-6	Sr. No.	Machine Name	line	MAKE	Qty	Qty in Use	Capacity of machine	Remarks	Installed Cap. Per shift (MT)	Installed Cap. Per day (MT)
	1. SHEARING MACHINERIES									
		10mmX 3100mm Shear	CUTTING	Wuxi Jinquiv	1	1	max thick - 10mm for 36 grade		10	30
	2. POWER PRESS MACHINES									
		200 T Power Press M/C	PUNCHING	Seyi	2	2	Rod cuttig & bending upto 32mm		5	15
	3. BANDSAW MACHINE									
		Band saw Machine	CUTTING		1	1	Bar Cutting up to Dia-0-300mm, Bed Length-500mm		2	6
	4. CRANES									
		Gantry Crane 15T	CRANE	ALFA	1	1	Capacity-15T			
		EOT Crane 10T	CRANE	Demag	1	1	Capacity-10T			
	EOT Crane 5T	CRANE	Demag	3	3	Capacity-5T				
BAY-7	Sr. No.	Machine Name	line	MAKE	Qty	Qty in Use	Capacity of machine	Remarks	Installed Cap. Per shift (MT)	Installed Cap. Per day (MT)
	1. SHEETING LINE (COLD FORMING)									
		Sheeting line	COLD FORM	Senfong	1	1	0.6mm sheet, Speed-18 Mt/min		10	30
		CTL - m/c	COLD FORM	Senfong	1	1	0.6mm sheet		2	6
		Crimping m/c	COLD FORM	Senfong	1	1	0.6mm sheet		1	3
		Long Folding	COLD FORM	Jinggong	1	1	0.6mm sheet		1	3
		Lock Former	COLD FORM		2	2	0.6mm sheet		0.5	1.5
	2. C & Z PURLIN LINE (COLD FORMING)									
		C & Z Line - m/c 142	COLD FORM	Senfong	1	1	3.15mm max, Speed-20 Mts/min		10	30
	3. HR SHEET BENDING MACHINERIES									
		200 T Press Break m/c DURMA	COLD FORM	Durma	2	2	Max thickness 5mm at 90 deg and 6000mm long		2	6
		45 T Press Break m/c WUXI	COLD FORM	WUXI	1	1	Clips and small parts max thickness 6mm, 2500mm long		0.5	1.5
	4. THREADING MACHINERIES									
		Threading M/C	THREAD	National	4	4	Dia. 36mm Max.		2	6
	5. PUNCHING/DRILLING/ANGLE CUTTING MACHINERIES									
		45T PRESS	PUNCHING	Chinfong	2	2	Clips upto max. thickness of 6mm		2	6
		60T PRESS	PUNCHING	Chinfong	2	2	Clips upto max. thickness of 12mm		3	9
		80T PRESS	PUNCHING	Chinfong	4	4	rod cutting and bending upto 20mm		4	12
		110T PRESS	PUNCHING	Seyi	2	2	rod cutting and bending upto 25mm		2	6
	6. CRANES									
		EOT Crane 5T	CRANE	Demag	3	3	Capacity-5T			
BAY-8	Sr. No.	Machine Name	line	MAKE	Qty	Qty in Use	Capacity of machine	Remarks	Installed Cap. Per shift (MT)	Installed Cap. Per day (MT)
	1. SHOT BLASTING MACHINE									
		Shot Blasting m/c Model 17HI	BLASTING	Yangtong	1	1	Max opening 800 X1800, Speed-2 Mts/min		35	105
	2. MECHANICAL WORKSHOP									
		LATHE MACHINE-JAYCO	Workshop	Jyoti Industries	1	1	Bed Length-9Feet	for Tool Room		
		SURFACE GRINDER-PARMAR	Workshop	Pinnacle	1	1	Stroke-6000mm, Rotary type	for Tool Room		
	SHAPER MACHINE-RUN-UP	Workshop	Jyoti Industries	1	1	Stroke-6000mm	for Tool Room			

