

SRS ALLOYS PRIVATE LIMITED

Manufacturers of Alloy Steel Castings

LIST OF FOUNDRY MACHINERY

Sl.No	Description of Machines	Capacity	Make	Year of Installation	No of M/cs	Remarks
1	450KW Medium Frequency Induction Melting Furnace with Three Crucibles of 1000Kgs, 500kgs and 150Kgs Hydraulic Power Pack	1000Kgs 500 Kgs 150Kgs	Inductotherm India Ltd Indo Power Engineers	2000 2000 2014	01 set 01set 01set	
2	Sand Mixer	150 kgs	Self Fabricated	2000	01	
3	Sand Muller	200 kgs	Self Fabricated	2000	01	
4	Heat Treatment Furnace-Electric	3000kgs	Indotech Engineering	2000	01	
5	Heat Treatment Furnace-Electric	800kgs	Premier Industrial Furnace	2000	01	
6	Shot Blasting Machine	48" rotating table	Wheelabrator	2000	01	
7	Swing Frame Grinder	Dia 400mm Wheel	Suhner	2000	04	
8	Flexible Shaft Grinder	Dia 7" wheel	Suhner	2000	07	
9	Welding Transformer	600Amps	Colton	2000	02	
10	Air Compressor	10Kg/cm2	Elgi Equipments	2000	02	
11	Over Head Crane	3MT	Chitra Machine Tools	2000	01	
12	Over Head Crane	5MT	Crane Mech	2008	01	
13	Over Head Crane	5MT	Stella	2012	01	
14	Jib Crane	1MT	Self Fabricated	2008	02	
15	Cooling Tower and Cooling System	600LPM	Protech	2000	01 set	
16	Diesel Generator	380KVA	Cummins	2000	01	
17	Transformer	750KVA	Lakshmi	2000	01	

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18	Pouring Ladle (a) Geared (b) Geared (c) Non Geared (d) Non Geared	1000Kgs 600Kgs 400Kgs 250Kgs	Self Fabricated	2000 2000 2000 2000	01 01 02 01	
19	Temperature recorder	0-1200°C	National process automation	2013	01	
20	Trolley system for rapid quenching	0-1000Kgs	Self fabricated	2010	01	
21	Quenching tank of water	1000-12000ltrs	Self constructed	2010	01	
22	Quenching tank for oil	1500ltrs	Self fabricated	2010	01	
23	Arrangement to check temperature of quenching medium	-50°C-200°C	Multi	2010	01	
24	Arrangement to maintain temperature of quenching medium	5Hp pump	In house fabricated with kirloskar pump	2010	01	
25	Welding Transformer	400Amps	Colton (I) Ltd Ador	2000	02	
26	Arc Air gouging	Nil	Classic weld	2014	01	
27	Weighing Scale	1000kgs	Essae Teraoka limited	2006	01	
28	Weighing Scale	300Kgs	Orion D Sonic	2000 2014	01 01	
29	Weighing Scale	5Kgs	D Sonic	2014	01	

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MACHINE SHOP						
30	Floor Boring Machine	X axis –3000mm Y axis –1400mm Z axis – 800mm Spindle Size -105mm with DRO	WOTAN	2012	01	
31	Vertical Turret Lathe	Chuck size – 1150mm, Swing dia – 1300mm and can accommodate 1000mm height job with DRO	Schiess	2013	01	
32	Horizontal boring machine	Table 1200mm X 1100mm. Spindle – 80mm. X axis – 1000mm. Yaxis – 1300mm Z axis – 700mm with DRO	Scharmann	2014	01	
33	CNC Vertical Machining centre	X axis – 1240mm, Y axis – 610mm, Z axis – 610mm	Bharat Fritz Werner	2015	01	
34	CNC Turning Centre ACE make with 250mm chuck and between centre distance of 500mm	Chuck Dia – 250mm Between centre distance – 500mm	Ace Designers	2015	01	
35	Centre Lathe	Centre height16” Between centre – 1200mm	Radhika	2012	01	

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INVESTMENT CASTING / LOST WAX PROCESS FACILITY

Sl.No	Description of Machines	Capacity	Make	Year of Installation	No of M/cs	Remarks
1	Hydraulic wax injection machine	12MT	Incast Machine	2015	1	
2	Slurry pot	30Ltrs	Harshith Enterprises	2015	1	
3	Slurry Pot	150Ltrs	Harshith enterprises	2015	2	
4	Rain fall stucco	60Kgs/mins	MVL Engineering	2015	1	
5	Fluidized Bed	100Kgs	Harshith enterprises	2015	2	
6	Dewaxing tank	1m X 1m X0.6m	Harshith Enterprises	2015	1	
7	A/c Drying chamber	4m X 4m	Anugraha Electricals	2015	1	
8	Shell curing Trolley	2nos	MVL Engineering	2015	1	
9	Abrasive belt grinder	1no	Shwetha Machine Tools	2015	1	
10	Abrasive cut off machine	1no	Shwetha Machine Tools	2015	1	
11	Cluster Assembly Table	1no	MVL Engineering	2015	1	
12	Electrical Heater	1no	MVL Engineering	2015	1	
13	Chiller	1no.	F Max Systems	2018	1	
14	Micro brazing	1no	Raj Electricals	2018	1	