

S+S Armaturen Magdeburg





MACHINE OVERVIEW

The company S+S Armaturen GmbH & Co. KG in Magdeburg, Germany, with some 60 qualified employees, certified welders and engineers is your reliable service partner. The company produces valve components and equipment parts for mechanical engineering and plant construction in conformity with customer's specifications.

Machining center

Manufacturer (control)	Description	Face chuck / Lathe chuck	Max. dimensions of workpiece [mm]				Max. weight of workpiece [t]
			Ø	Width	Height	Length	
Maho Deckel (Maho CNC 532)	Machining center - 800-MAHO/Deckel CNC			500	800	630	1,0
TOS (HH TNC 530)	Machining center - TOS WNQ 105			1400	1400	1400	5,0
Heckert (Siemens 840 C)	Machining center - CWK 500 CNC			500	800	500	0,8
Schiess (Siemens 840 C)	Machining center - Horimaster CNC			1250	1550	1600	5,0
Schiess (Siemens 840 D)	Machining center - TH 6513			2000	2000	2000	10,0
Union (Siemens 840 D)	Machining center - PCU 150/1			4000	3500	4000	28,0
Dörries Scharmann (Siemens 880)	Machining center - SOLON mit Planschieber CNC			1000	1800	1000	2,5
Samag (Siemens 810)	Boring and milling mach. CNC CS 400			500	350	1250	1,0
Donau	Drilling mach. CNC "DONAU"		920		1200		0,6





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CNC - lathe (vertik. / horiz.)

Manufacturer (control)	Description	Face chuck / Lathe chuck	Max. dimensions of workpiece [mm]				Max. weight of workpiece [t]
			Ø	Width	Height	Length	
Carnagi Italien (Siemens 3T)	Vertical turning lathe AC 10 (CNC)	1000	1800		1320		5,0
Carnagi Italien (Siemens 3T)	Vertical turning lathe AC 15 (CNC)	1500	1800		1600		7,0
Carnagi Italien (Siemens 880)	Vertical boring & turning lathe AP 25 (CNC)	2500	3000		2500		18,0/8,0
Schiess (Siemens 840 C)	Vertical boring & turning lathe Vertimaster (CNC)	1400	1600		1400		8,0
Diedesheim (Siemens 810)	Vertical turning lathe VF 120 (CNC)	1000	1200		630		0,5
Gildemeister (Heidenhain)	Lathe CNC - CTX 500	315	413			1100	0,3
Gildemeister (Grundig)	Lathe CNC - CTX 600	400	420			2000	0,5
Numerik Chemnitz (CNC 645 H)	Lathe CNC - DF 3/3	500	600			315	1,0
Veost-Alpine (Siemens 3T)	Lathe CNC - WNC 500	315	380			1600	0,5
Veost-Alpine (Siemens 3T)	Lathe CNC - WNC 700S	500	610			1250	1,2
DAINICHI (Fanuc Serie 18i-T)	Lathe F 250	250	410			500	0,3





MACHINE OVERVIEW

Conventional machines

Manufacturer (control)	Description	Face chuck / Lathe chuck	Max. dimensions of workpiece [mm]				Max. weight of workpiece [t]
			Ø	Width	Height	Length	
Jungthal	Vertical turning lathe DKE 1450	1450	1450		950		1,0
Niles	Vertical turning lathe DKZ 2000	1800	1850		1250		6,0
Niles	Vertical turning lathe DKZ 4000	4000	4000		2500		25,0
Dörries Scharmann	Vertical turning lathe SDE Dörries	2000	2000		1800		20,0
Reform / China	Drilling mach. conv. BR 100x3500		3500		2500		
WEBO	Drilling mach. conv. RB 55		1500		2000		
Union	Drilling bench conv. BFP 125/5			1800	2000	2000	6,0
Union	Drilling bench conv. BFT 100			1250	1500	1500	1,5
Polen	Lathe conv. DLZ TUM 35 "Famot"	250	250			800	0,2
Rußland	Lathe conv. DLZ 500x1000/TUD 50	400	500			1000	0,3
Rußland	Lathe conv. DLZ 630x2000/TUR	500	630			2000	0,5
Rußland	Lathe conv. DLZ 800x2800/1 A64	630	800			2800	0,8
Monforts (KNC 5)	Lathe conv. KNC 5 MONFORTS	250	500			1450	0,4
Union	Milling mach. . FSS400x1600/26VS			400	350	1600	0,6
Union	Milling mach. FU400x1600/FU400V			400	350	1600	0,6
Union	Plane HES1600x1250x5000			1120	1250	3800	28,0
Heckert	Keyway cutting machine HSRG 1000		600		280		0,1
Göckel	Grinding machine Göckel U5R		600		300		0,2





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Manufacturer (control)	Description	Max. dimensions of workpiece [mm]		Max. weight of workpiece [t]
		Ø	Length	

Cutting machines

Severt	Cutting torch robot			
Meba	Band saw robot Meba 380 A			

Presser machines

	Presser ENERPAC 200 Mp			
	Presser ENERPAC 70Mp			

Installation for spray painting and sandblasting

	Spray painting station, mobil			0,7
	Spray painting station			15,0
	Sand blasting station			15,0

Valves test station (hydr. and gaz)

Seer (P122)	Pressienn station for still 250 bar ; max. DN 12"	490	700	
Seer (P215)	Pression station for still 160 bar; max. DN 18"	840	1500	
(Gemax)	Pression station for still 250 bar; max. DN 20"	1030	1600	
	Table pression station still 160 bar; max. 38"	1800		
	High pression compressor plant 1000 bar N ₂		free	





WELDING TECHNIQUES

Our efficient welding equipment for high-duty joint welding and deposit welding had been granted diverse procedure approvals for TIG, MIG/MAG, SAW and almost all conventional methods of manual welding.

Our company is a welding contractor certified to DIN EN 729-2 and meets the welding requirements defined in ASME-Code Sec. IX.

Our manpower includes certified welders.



ZfP examiners certified to EN 473 supervise welding quality.

- Ultrasonic testing
- Magnetic crack testing
- Liquid penetration testing
- Hardness testing
- Spectroscopic testing



QUALITY CERTIFICATS

The company has its own Quality Management System and is certified by TÜV Cert in accordance with DIN EN ISO 9001 2000.

The S+S Armaturen GmbH & Co. KG with its modern product management, modern technical equipment plus the know-how and experience of its employees is qualified as a reliable and high-performance partner for the customer.

- TÜV CERT DIN EN ISO 9001 - 2000
- TÜV CERT according to Directive 97/23/EC, comprehensive quality assurance (Modules H and H1)
- TÜV CERT according to Directive 97/23/EC, manufacture to Modules G and F
- TÜV CERT according to AD 2000-Merkblatt HP0 / HP 100R / TRD 201 / DIN EN 729-2
- TÜV CERT Right to transfer identification marks to materials and products
- TÜV / SEL CERT for joint-welding and deposit-welding
- ASME/HARTFORD STEAM BOILER
Approval to ASME Sec. IX for welding connection and overlay.





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