

## Melting plants

Pos.	Machine	Manufacturer	Model	Capacity	Year	Technical data
101309	MF Twin Power Furnace Plant 2x3 t	ABB	ITMK 600	2400 kW	1996	2x3 t furnace body, hydr. tilt, inverter, transformer
101288	Automatic Alu-Pouring Furnace	Striko Westofen	Westomat 2300...		2000	Pouring furnace with electric panel and Degassing unit
101189	ASEA / ABB Inductor refurbished	ASEA / ABB	LRI 5	500 kW		500 kW inductor
101146	Mg-Treatment Station	Hochreuter und Baum			2000	ex warehouse Iserlohn
101379	MF-Induction Furnace 2x4 t	Inductotherm	VIP 2500 CR D...	2500 kW / 250 Hz	1996	2x4 t Induction furnace body (steel shell) with hydr. tilt frame and hydraulic cylinders, transformer 11 kV, VIP Dual-Trak in...
101377	Phase Balancing Reactor	SGB Regensburg	ETDH 315/1	335 kVAr	2000	Top condition
101376	3 Phase Oil Transformer 5000---1500 kVA	BBC	DOR 5550/10	5000---1500 kVA	1972 / 2013	Incl. Phase Balancing Reactor 4000 kvAr.Refurbished by Miebach in 2013
101370	MF-Induction Furnace Plant 80 kg	Otto Junker / Pil...	PL 169	80 kW	1992	Capacity 80 kg, 380 V Connected load
101369	Vacuum Induction Furnace for Titanium, used	Ervak Makine, Turkey		15 kW	2017	
101367	Mobile Charging machine for melting furnace 12 t	Cyrus	FC1200/1340 x...	12 t max.	2007	L: 5500 mm, W: 1200/1340 mm
101356	Crane Magnet	Himmelmann	LA 1500	12,5 kW, 220 V	k. A.	
101143	Channel Type Holding Furnace 90 / 67 t	ABB	IRT 100-S	800 kW, 90/67 t	1987	Furnace body with inductor, tilt frame, hydr. cylinder, hydr. power pack, control desk, transformer
101134	NF-Capacitors 180 kVAr (60 pcs.)	ABB	1100 V; 50 Hz	180 kVAr	1995	PCB-free; 60 pcs. each 180 kVAr
101065	3 Phase Oil Transformer 2 x 4.000 kVA	TMC-Melbourne	Serien Nr. 29921	2 x 4000 kvA	1995	Un = 11.000 V +/-2,5%+/-5% / 4 x 600 VIn = 2 x 210 A / 4 x 1925 Af = 50 Hz, Cooling: ONANDd11.75y10.75; Uk = 5,2 % / 5,3 %
101062	Channel type holding furnace 55/40 t	ABB	LFR 30	800 kW	1989	Furnace top with inductor, tilting chair, hydr. cylinder, hydr. unit, switchboard, oil-transformer, spare inductor
101237	Pouring Ladle 9 t with Planetary Gear Box	IBW - Germany	JW9000GJL	9 t	2006	top condition, electric drive and remote control, ladle book
101236	Pouring Ladle 9 t with Planetary Gear Box	IBW - Germany	JW9000GJL	9 t	2004	top condition, electric driven and remote control, ladle book
101274	3-Phase-Oil Transformer 4150 kVA	Shen Chang Electr...		4150 kVA / 50 Hz	2011	11 kV; 2 x 850 V; 11.280 kg
101273	3-Phase-Oil-Transformer 4510 kVA	ABB		4150 kVA / 50 Hz	1995	11 kV; 2 x 850 V; 9250 kg
101268	NF-Channel Type Pouring Furnace 8 t/10 t	ABB/ABP	OCC 80 -PRESS...	350 kW	1982/2013	10t/8t furnace moving system, without commissioningcompl. overhauled

## Moulding shops

Pos.	Machine	Manufacturer	Model	Capacity	Year	Technical data
101333	Complete Automatic Moulding Line with Sand Plant	HWS / SIMPSON	EFA SD-4	60 mo/h	1991	Flask size: 900x700x300/300 mm; 102 pairs flasks, Sand plant 100 t/h
101319	Horizontal Cold Chamber Pressure Die Casting Ma...	Italpresse	IP 1100 SC	1200 t closin...	2000 / 2013	
101378	Low-pressure Die Casting Machine with furnace -...	Kurtz	ND-93	240 kN	1990	Consists of: LP die casting machine: Mould dim.: 1080 x 1360 mm; Stroke: 1100 mm; Gas heated crucible holding furnace cap. 30...
101372	Complete Jolt-squeeze-turnover moulding machine	FormTec Germany	RETOMAT 40		2000	Incl. electrical control cabinet with Siemens S7 PLC; 2-hand operating panelMax. moulding flask dimensions: 1000 x 800 mm
101371	Complete Jolt-squeeze-turnover moulding machine	FormTec Germany	RETOMAT 40		2000	Incl. electrical control cabinet with Siemens S7 PLC; 2-hand operating panelMax. moulding flask dimensions: 1000 x 800 mm
101365	Automatic Moulding Machine	HWS Sinto	HSP 1-D	60 mo/h	1998	Flask size: 600x540x200/250 mm
101340	Disamatic Vertical Flaskless Moulding Line incl...	DISA Dänemark / ...	2013 MK3 - PL...	350 Mo/h	1977 / 2006	Mould size: 600x480x100-330 mm incl. Sand plant 30 t/h
101334	Complete Green Sand Moulding Line with sand plant	Georg Fischer +GF+	Air Impuls	60 mo/h	1988	Flask size: 800 x 600 x 300/300 mm
101120	Disamatic Vertical Flaskless Moulding Line	DISA Dänemark	2013 MK3 - PL...	350 Fo/h	1975/2000	mould size: 600 x 480 x 100-330 mm, only 10 million moulds so far, upgraded 2000 by DISA
101196	Automatic Flaskless Moulding Plant	Sinto HWS	FBO IV	60 - 70 Fo/h	2006/2007	flask size: 700 x 600 x 180 - 250 / 180 - 250 mm
101279	Complete Automatic Moulding Line	HWS	ZFA SD-3,5	210 moulds/h	1998/2013	Flask size: 700 x 600x 250/250 mm, Moulding flasks ( approx. 180 pairs), Pallet cars (appr. 189), 1x Electr. Switch & Control...

## Sand plants

Pos.	Machine	Manufacturer	Model	Capacity	Year	Technical data
101364	Sand Cooler 30 t/h	Küttner	DWF 850 x 4.0...	30 t/h	1999	
101338	Sand Mixer 40 t/h	Georg Fischer / DISA	SAM 3/40	40 t/h	1996	Sand Plant 40 t/h
101335	Sand Cooler	Simpson	MC 150 Multi ...	135 t/h	1992	With drive, fan, cyclone; without electr. control panel
101145	Moulding sand mixer 80 t/h appr.	EIRICH /Savelli	DW 29/4	4.000 l/Charge	1992	volume per batch 4000 ltr., pan drive: 18,5 kW, rotor tools drive: 2 x 110 kW

Pos.	Machine	Manufacturer	Model	Capacity	Year	Technical data
101209	Cont. mixer for furan sand 15 t/h	Hensel	DWM 2	15 t/h	2007	
101286	Sand preparation plant 140 t/h	DISA Dänemark	SAM 16-160	140 t/h	2000	SAM mixer, SMC, rotary screen, pre-mixer, bucket elevator, sand hoppers, belt conveyors, electric controls, steel stucture
101275	Gear box for DISA sand mixer type SAM 16/180	Eickhoff	G42885x CSUHR...	160 kW	2000	
101272	Sand mixer 60 t/h	Eirich	RV24	60 t/h	2005	EIRICH RV24 Sand Mixer incl. Siemens S7 control, dismantled

## Core shops

Pos.	Machine	Manufacturer	Model	Capacity	Year	Technical data
101314	Amine gasing device	LÜBER	LW-FDA 825i	8 kW	2010	Voltage: 400 V / 50 Hz; 8 KW, Siemens Simatic S7
101305	Amine gasing device	Lüber	LW-FDA 3225	32 kW	1994	Voltage: 380V/400V/50Hz
101303	Core Shooter Cold Box 25 L	Roepewerk	HN25 HVK	25 L	1996	Core shooter Cold Box 25 L
101179	Cold-Box Core Sand Preparation & Distribution P...	Lüber	UCM300	6 t/h	1994/2016	mixer 300 kg, with charging vehicle, Siemens S5 PLC control system
101380	Core shooting machine for cold-box process 80 L	Roepewerk	H80	80 Liter shoo...	unknown	Max. core box dimensions: LxBxH 1000x720x800 mm (Horizontal); modern controls with Siemens S7, with Lüber gasing device
101353	Amine Gasing Device	LÜBER	LW-FDA 825	8 kW	1994	Voltage: 380V/220V/50Hz
101348	Core shooter for Hot & Coldbox	Hottinger	FLC 16 CB	22 L	1997 / 2007	
100934	Cold-Box Core Shooter 85 L	Hottinger	Fastcore FC-4...	85 L	1994	already dismantled,
100930	Cold-Box Core Shooter 18 L	Hottinger	Fastcore FC-1...	18 L	1994	already disassembled,
100929	Cold-Box Core Shooter 18 L	Hottinger	Fastcore FC-1...	18 L	1994	already disassembled,
100922	Cold Box Core Shooter 5 L	Laempe	H5	5 Liter	1985	core box size max.: 400 x 530 x 400 mm, gassing device

## Fettling shops

Pos.	Machine	Manufacturer	Model	Capacity	Year	Technical data
101346	Rotary Hook- Shot Blasting Machine - AS NEW-	Vogel & Schemann	TCH 4/1	100 kW	2014	
101342	Auto Grinding for round parts	Reichmann	S2 - Twin type	max. 220-360 ...	1996	Designed for grinding parting line and joints of round castings such as Break discs Workpiece outer diameter: 220 - 360 mm
101111	Automatic Cutting-off Machine (for cutting-off ...	Reichmann	TS 800 S - 90	110 kW	2004	as new

## Conveying

Pos.	Machine	Manufacturer	Model	Capacity	Year	Technical data
101304	Complete chain conveyor system for castings	SFI-STOTZ	Power & Free ...	400 kg	2003	drive unit, tensioning station, process chain.....
101186	Plate conveyor for Casting					
101374	Vibratory conveyor 11 m, used	unknown				Suitable for casting transport with sand Dimensions: L 11000 x H 1300 x W 1250 mm
101375	Vibratory conveyor 4,5 m , used	TPE Kintech	RVC744			Suitable for casting transport with sand into Disacool drum Dimensions: L 4500 x W 850/2450 mm
101373	Vibratory conveyor 8,3 m, used	unknown				Suitable for casting transport with sand Dimensions: L 8300 x H front 1300 / rear 1750 x W 1500 mm
101347	Casting Manipulator	Thyssen Henschel	Andromat AM 2...	ca. 100 kg	1999	Manipulating weight approx 100 kg, completely checked

## Measure

Pos.	Machine	Manufacturer	Model	Capacity	Year	Technical data
101295	Spectrometer	Spectro	Spectrolab	17 Elemente	2001	Complete Spectrometer incl. technical documentation
101185	Tensile testing machine with control desk of te...	Galdabini			1977	Testing machine for tensile strength of castings with control desk of tensile strength

Pos.	Machine	Manufacturer	Model	Capacity	Year	Technical data
101183	Charpy Pendulum	Galdabini			1977	
101133	Vacuum Emission Spectrometer	Bruker Quantron	QM3	20 elements	2003	Suitable for Iron foundries, 20 Element: C, Si, Mn, P, S, Mg, Cr, Ni, Mo, Cu, V, Al, Ti, Sn, Pb, Co, Nb, W, Fe, CEQ
101024	Calibration Kit for GF Testers	Georg Fischer	PKS			
101023	Calibration Kit for GF Testers	Georg Fischer	PKS			
101021	Lab Weighing Scales	Metler	P1210	max.1200 gm		
101020	Magnetic Stirrer for Sand Lab	MLW	UR2	100 W/220 V		
101012	Infrared Rapid Dryer	Georg Fischer	PIT			refurbished
101011	Infra-Red Rapid Dryer	Georg Fischer	PIT			refurbished
101010	Drying Oven	Georg Fischer	PTR	800 W		refurbished
101008	Lab Furnace	Frankenhausen	L120.7	3,2 kW	1981/2009	refurbished
100979	Magnetic Stirrer for Sand Lab	Heidolph	MR 3001	100-1250 1/min	2005	
100945	CS- Analysis Device	LECO	CS-225		1990	
101243	Tensile testing machine U20	Wolpert	U20	20 t	1967	traction until 20 t in steps
101242	Pendulum Impact Tester (fracture toughness)	Losenhausen	PW 15/30		1960	TOPCONDITION!
101240	Universal hardness testing machine	Wolpert	DIA Testor 3a	B-Ball Ø 10mm	1968	Brinellball Ø 10mm, objective 20x, test anvil Ø 80mm
101244	Hardness Testing Machine	Wolpert	V - Testor 2	0,2-10 kgf	1979	vickerstest, load steps: vickers 0,2 - 10 kgf

## Dedusting

Pos.	Machine	Manufacturer	Model	Capacity	Year	Technical data
101351	Dry Filter plant for shot blast unit 11.700 Bm³/h	Handte	AAS 2	15 kW	1996	
101350	Dry Filter plant for furnace & pouring section ...	Handte	AAS 2	30 kW	1996	
101349	Dry Filter Plant 54.500 m³/h	Handte	Z / AAS 2-SL	54.500 m³/h	1996	
101287	Dry Filter Plant 57.000 m³/h	DISA Dänemark	FS	57.000 m³/h	2000	Complete filter plant incl. fan, chimney and panel

## Various

Pos.	Machine	Manufacturer	Model	Capacity	Year	Technical data
101318	Die Spotting Press	Reis	TUS 70 OK 70	70 t	1988	
101315	4-Column Trimming Press	REIS	SEP 7-20 Dial...	20 t Pressure...	1995	
101357	Casting Breaker for castings	Clansmann	PB 20		2011	Casting breaker
101116	Centrifugal Casting Plant for Production of Cyl...	Düker	B40/1000	30 Pipes/h	2002	Ø: 35 - 180 mm, length: 1000 mm
101239	Compressor with air dryer 1320m³/h	Atlas Copco	ZT132	123 kW	2003	Air-cooled 1320m³/h, with 2 air dryer 123kW