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Managing Directors: Klaus Friedrich, Michael Friedrich
Amtsgericht Stuttgart HRB 783559
USt-ID-No.:DE35 0949 264

Aluminium remelting plant IA2541, used



manufacturer : Sonstige

Product number:
IA2541

Description

Aluminium remelting plant	
Input materials	Aluminium scrap, schredder scraps, lacqured
Capacity	Approx. 120 t/Tag
Final product	8 - 12 kg ingots
Comments	

Charging machine	
Manufacturer	GHI - GUINEA HERMANOS INGENIEROS
Type	vibration chute moveable by rails, liftable by hydraulic scissor
Year of Manufacture	2008
Capacity chute	7500 kg
Lifting height	3500 mm
Table size	80 A, 400 V, 3-Phasen, 50 Hz

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Aluminium remelting plant	
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Comments	

Melting Furnaces	
Manufacturer	GHI - GUINEA HERMANOS INGENIEROS
Type	Shaft furnace TFA 5, fixed
Year of Manufacture	2008
Capacity chute	25 t
Melting rate	5 ton/h
Heating	Propan
Burner	North American
Type	With flame detecor
Burner capacity	2.800.000 kcal
Number	4
Input material	Aluminium scrap, Schredder scraps, lacqured
Burner fan	30 kW
Max. temperature in furnace room	1100 °C
Dimensions (LxBxH)	5000 x 6200 x 7200
Electrical connection	30 KW, (60 A), Burner fan 22 kW (44 A) hydraulic group (total with furnace TFA·5 und RAN-R-25-B), 400 V, 3Ph, 50 Hz.

Melting furnace with metal pump LOTUS and vertical vibrations conveyor for swarfs

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Manufacturer	TECHNI-THERM
Type	Heard furnace, hydraulically tiltable
Year of Manufacture	2010
Furnace dimensions	24 t
Outside	
Width	6700 mm
Length	4700 mm
Inside	
Width	3600 mm
Length	3500 mm
Furnace height	4400 mm
Bath height	800/900 mm
Furnace door	3000 x 632 mm
Installed power	2500 kW
Heating	Propan gas, max. 290 Nm³/h, Oxygen
Input materials	Scrap and swarfs
Furnace door dimension (L x H)	4700 x 1200 mm
Charging opening top	900 800 mm
Metal pumps	LOTUS, Type TT 35 SO, 11 kW

Holding/casting furnaces	
Manufacturer	GHI – GUINEA HERMANOS INGENIEROS
Type	Hydraulisch kippbarer Herdofen
Year of Manufacture	2008
Capacity	25 t
Furnace bath	
Width	

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Holding/casting furnaces	
Bath height	950 mm
Bath length	3400 mm
Furnace outer dimensions	
Width	8600 mm
Length	6500 mm
Height	7800 mm
Installed power	2.500.000 kcal/h
Heating	2500 kW
Heating	
Type	North-American Mfg. Co Allumage
Burner power	
Number	2
Burner air fan	18,5 kW, 3000 U/min
Input material	Liquid metal
Furnace door dimension (L x H)	4700 x 1200 mm

Ingot casting line	
Manufacturer	System Fuss
Type	Casting wheel
Year of Manufacture	2008
Ingot weight	8 – 12 kg
Casting rate / h	ca. 5 t/h
Heating moulds	Burner
Type of cooling moulds	Water / air
Atotomatic ingot stacking machine	yes
Line dimensions	

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Ingot casting line	
Length casting belt	19425 mm
Cooling line	10080 mm
Total length with stacking	42070 mm
Cooling water	Cooling tower, internal circulation

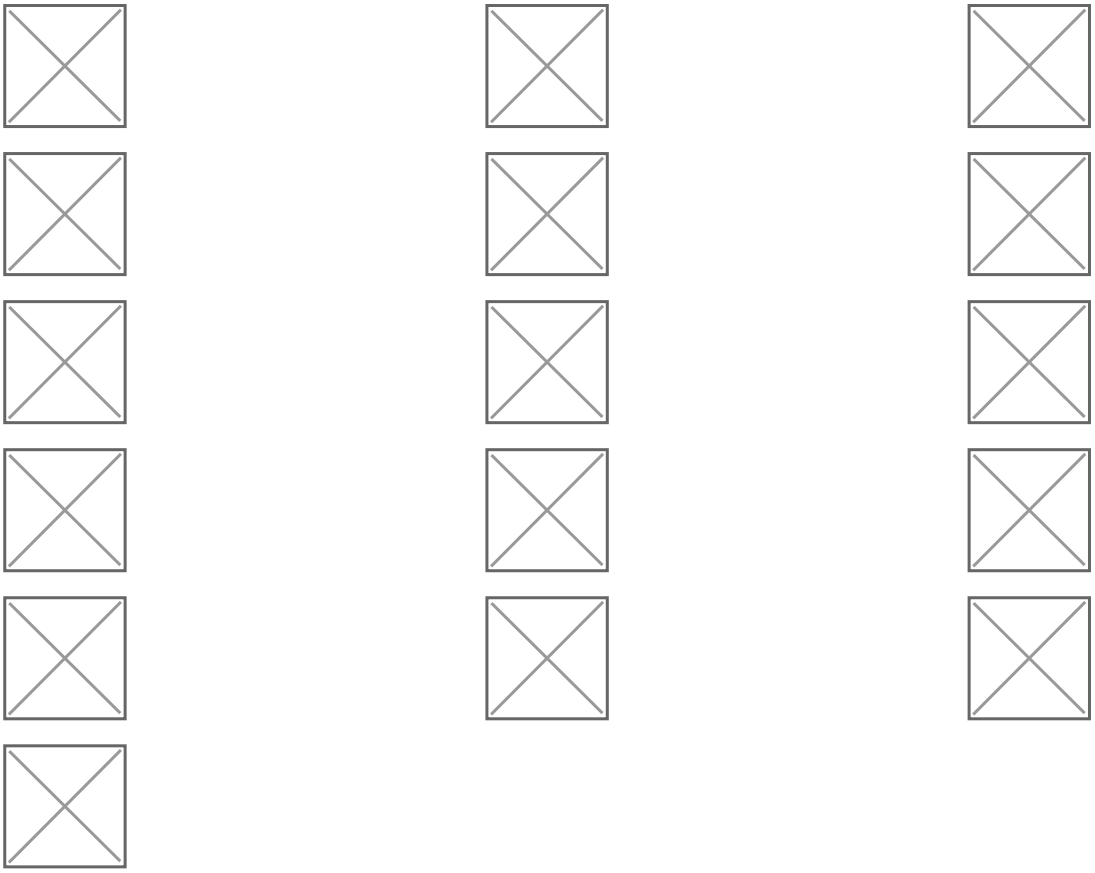
Waste gas filter plant	
Manaufacturer	SEMECA
Year	2008
Waste gas amount melting furnaces 1 + 2	60.000 Nm³/h
Waste gas amount after after-burner	15.000 m³/h
Waste gas amount furnace hoods	10 a´ 15.000 m³/h
Waste gas amount holding furnaces	5 a´ 8.000 m³/h
Waste gas amount Furnace hoods	20 a´25.000 m³/h
Total Waste gas amount	115 a´ 120.000 m³/h
Capacity data	
Total dust	
Law	40 mg/Nm³
Gurantee SEMECA	< 20 mg/Nm³
Dioxin	
Law	0,1 ng/Nm³
Gurantee SEMECA	0.1 ng/Nm³
HCl	
Law	50 mg/Nm³
Gurantee SEMECA	< 50 mg/Nm³

Delivery time	immediately
Price	on request

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Subject to changes in the technical description and prior sale.