

ALUMINIUM CAST HOUSE FOR SALE



EQUIPMENT manufactured 2010/11:

1 off Tilting Rotary Furnace MASTERmax 3TR9

Capacity: 9 to 19 tons

Burner power: 3 MW

Connected electrical load: 88 kW

Typical energy consumption: 400 – 450 kWh/ton of mixed scrap

Throughput: up to 70 tons of scrap/day/3 shifts

Complete with linear charging machine with 2,0 tons load, automatic natural gas/oxygen burner, weighing system and SIEMENS SIMATIC S7 PLC control.

2 off connecting launders rotary furnace/holding furnaces

1 off StrikoWestofen Holding Furnace HR-T 10.000-500

Capacity: 10 tons

Burners: 3 gas/air burners with totally 1,3 MW

Melt rate: 500 kg/h

Connected electrical load: 23 kW

Complete reverberatory furnace for alloying and pouring with ramp for charging ingots and alloying elements, automatic bath temperature control, purging blocks with nitrogen/argon flow control, hydraulic manual tilting, and SIEMENS SIMATIC S7 PLC control.

1 off StrikoWestofen Holding Furnace HR-T 10.000 1000

Burners: 4 gas/air burners with totally 2,0 MW

Melt rate: 1.000 kg/h

Connected electrical load: 30 kW

Otherwise identical to the HR-T 10.000-500

1 off JMC Ingot Caster

Comprising a 180 moulds ingot and separate small foot ingot caster for 6 – 7 kg long bar ingots

Capacity: up to 6 t/h

Connected power: 33 kW

Complete with connecting launders to the holding furnaces and flow control tundish, casting wheel, forced air cooling by three ventilators, chute for manual ingot stacking and electrical controls.

1 off Dry Bag Filter Plant

Capacity: appr. 90.000 m³/h

Connected power: appr. 135 kW

Complete with hoods for the rotary furnace door, holding furnaces charging/cleaning doors, holding furnace flue gas chimneys and all ductings between furnaces and filter, compressed air bag cleaning, spark arrestor, lime addition, over temperature emergency flap, radial ventilator, 19 mt chimney and SIEMENS PLC controls.

1 off Medium Frequency Tilting Induction Furnace

For scrap control and test meltings.

Capacity: 50 kg

Complete with platform, power unit and hydraulics.

Laboratory

With one each ARL 3460 OES and SPEKTROMAX optical emission spectrometers, sample preparation equipment, NIKON microscope, vacuum density testing equipment.

The plant is out of production since end of 2014 and may at any time be inspected.







