

Aluminium recycling Anlage O1675, gebraucht



Hersteller :
Sonstige

Produktnummer:
O1675

Beschreibung

Aluminium recycling plant

Three melting/holding chambers furnace

Manufacturer

Model

SFR15000-I

Year of Manufacture

Capacity

15 t

Burners

2 off - fully automatic natural gas industrialised gas burners, max rating 1,25MW each in main chamber, one 350 KW fully automatic burner in side well chamber

Three melting/holding chambers furnace

Melt rate	1,2 – 1,8 t/hour typical, depending on charge quality. Inductor stirrer can increase melt rate on 2,0 t/hour
Burner System	Eurograde gas train and control panel constructed to EN 746/2 for automatic unattended gas burners.
Heating	Natural gas 10 kWh/m3, pressure 5 kPa
Gas consumption (max).	natural gas
Charge material	Al clean scrap, Al blocks, Al light clean scrap(chips, turnings, returns...)
Comments	

Tilting holding furnace

Manufacturer	
Model	SFR24 000
Year of Manufacture	
Capacity	24 t
Furnace size	L 8670 mm x W 5350 mm x H 4485/6630mm
Charge material	Molten aluminium and alloys, partly clean scrap
Burners	2 off – fully automatic natural gas industrialised gas burners, max rating 700 KW each
Burner System	Eurograde gas train and control panel constructed to EN 746/2 for automatic unattended gas burners.
Heating	Natural gas 10 kWh/m3, pressure 5 kPa
Gas consumption (max)	approx. 140 Nm3 / hour (full output) @38MJ/ m3
Comments	

Twin chamber furnace melting/holding

Manufacturer

Twin chamber furnace melting/holding	
Model	SFR10000
Year of Manufacture	
Capacity	10 t
Furnace size	L 7640 mm x W 5700 mm x H 4430/6535mm
Charge material	Al clean irony scrap, Al blocks, mix scrap
Melt rate	0,9 – 1,4 t/hour typical, depending on charge quality
Burners	4 off – fully automatic natural gas industrialised gas burners, max rating 650 KW two of in each chamber
Heating	natural gas
Total burner output	2,60 MW
Fuel	Natural gas 10 kWh/m3, pressure 5 kPa
Gas consumption (max)	ca 260 Nm3 / hour (full output) @38MJ/ m3
Comments	

Afterburner chambers	
Manufacturer	
Model	
Year of Manufacture	
Dimension afterburner	approx. 3 m x 2 m x 2 m
Burner	Eurograde, fully industrial burner package type
Burners	1 off – fully automatic natural gas industrialised gas burner, max rating 750 KW
Burner system	Eurograde gas train and control panel constructed to EN 746/2 for automatic unattended gas burners.
Heating	Natural gas 10 kWh/m3, pressure 5 kPa
Gas consumption (max)	75 Nm3 / hour (full output) @38MJ/ m3

Afterburner chambers

Comments

Ingots machine

Manufacturer

Model

Year of Manufacture

Ingots weight 5 - 7 kg

Moulds number 204

Production rate 4-6t/hour

Electric motor size 3,5 KW

Mould gas heating by gas nozzles, total gas inlet 26 m3 / hod

Water cooling system approx. 25,0 l/min

Length of the machine approx. 16, 1m

Width of the machine approx. 1,80m

Comments

Delivery time immediately

Price on request



