



MET-TECH | Product Data Sheet

BILLET CASTING PLANT - 125/140/150 MM - L=9 M - 600 000 T/A

Ref. No.: BILLETCASTL170701

Year: 1997-2000

Brand: TAGLIATERRI, BSE, DANIELI, CONCAST, ORMIS

Qty. 1 Second-hand billet casting plant including melt shop with a lot of accessories.

Capacity of the steel melting shop of 80 ton liquid steel in ladle (600.000 tpy).

Billet size: 125 / 140 / 150 mm Billet length

Manufacturer: Tagliaferri, BSE, Danieli, STS Senini, CONCAST

Scope of supply: EAF Chemical Package Ladle Furnace

Continuous Billet Caster Rotating Turret Tundish Car

Cutting System Dust Treatment Plant Scrap Cars

Water Plant Cranes ? melting shop Workshop

Technical Data

EAF - Electric Arc Furnace

Manufacturer: Tagliaferri Built

Transformer: 96 MVA Current

Electricity Consumption: 370 kWh/t Electrode Diameter

Heat Weight: 85 Ton External Diameter

Capacity: 115 t/h

Chemical Package

Manufacturer: BSE Built

Technology: Lance Manipulator ? 2 Oxygen lances ? 2x1500 Nmc/h

nr. 1 Carbon Lance ? nr. 1 Lime Lance

nr. 2 Cojet ? lateral combined oxygen gas burner - 1500 Nmc/h - 4.5 MW / each

nr. 1 Jet Box ? lateral combined lance ? 2000 Nmc/h max

nr. 3 Post Combustion Burner

Ladle Furnace

Manufacturer: Tagliaferri Type

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Transformer: 18 MVA Current

Voltage: 220 V Electricity Consumption

Electrode Diameter: 350 mm Stirring gas

Treatment Time: Approx. 30?

Continuous billet caster

Manufacturer: Danieli Built

Billet size: 125/140/150 mm Billet length

Radius: 4.0 meters Annual production

Rotating turret: Mfc.

Ladle steel weight: 85/105 tons Ladle weight

Turndish car Mfc.: CONCAST Built

Capacity: 45 tons Billet size

Cutting system Mfc.: Ormis Built

Dust treatment plant Mfc.: Tecoaer Built

Scrap cars and scrap buckets

Water plant (pressure pumps and instrumentation)

Spare parts (many available including also capital spares)

Cranes for steel melting shop (EAF charging crane, casting crane...)

Workshop tools for the meltshop