



## 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