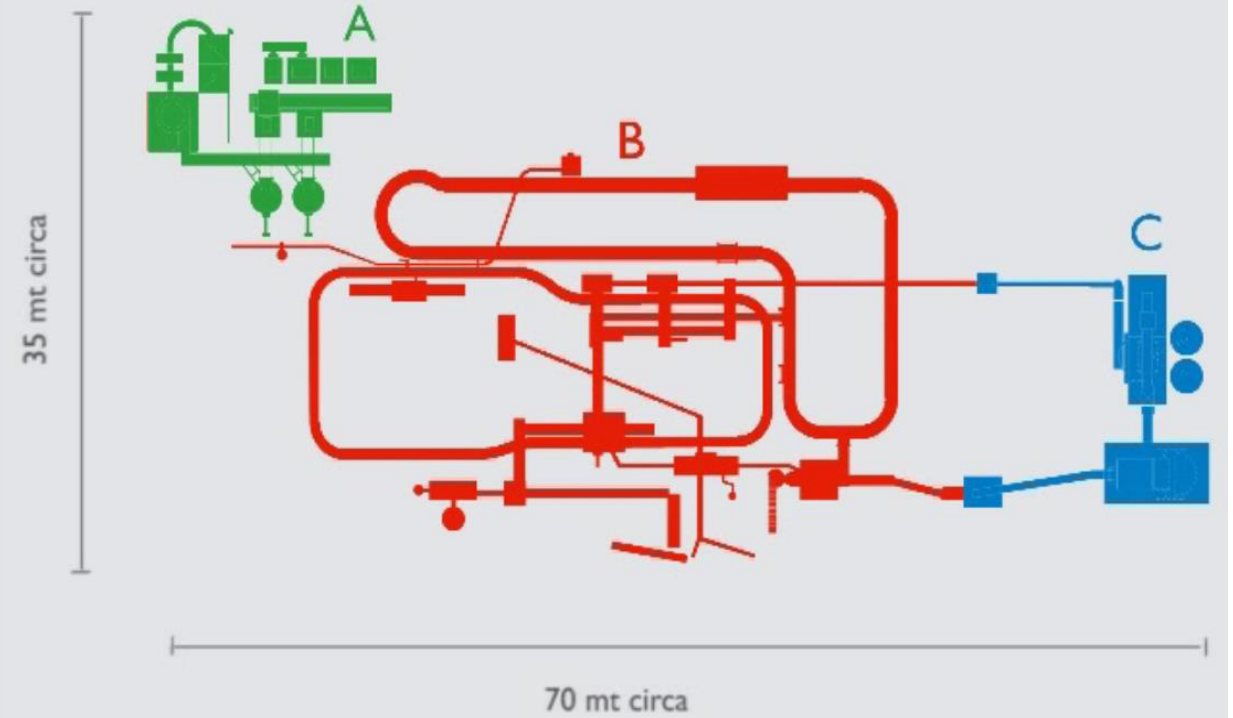


Make / Hersteller:	Various
Model / Modell:	Casting-Plant for Iron with Mold Preparation, Conveyor System and Sand Recycling Unit
New in / Baujahr:	1990
Location / Lagerort:	Italy
Term of delivery / Lieferzeit:	immediatly

Technical Details

SALE OF THE COMPLETE INSTALLATIONS
AS FOLLOWS:

- A) Casting plant
- B) Carouselles for molds
Conveyor 1
Conveyor 2
- C) Sand plant necessary for casting molds



Technical Details

A. CASTING PLANT

- n. 1 automatic cycle of selection, separation, weighting and loading of scraps and the coke;
- n. 2 cupola furnaces able of an hourly production of about 8/10 Tons;
- n. 1 automatic exhaustion cycle for fumes and powder produced by cupola furnaces;

B. CAROUSELLE CONVEYORS CYCLE FOR MOLDS

N.B. Those production conveyor could be used for casting of pieces in hematite cast iron, grey cast iron, white cast iron, sferoidal cast iron, modular cast iron, manganese cast iron, austenitic cast iron, acicular cast iron, coming from casting processes as cupola furnace and/or low-medium-high induction furnace and/or electrical furnace and so on.

CONVEYOR 1

Automatic, with carouselle line 115 metres long, for molds, 980 x 980 mm size, complete with shake out cycle casting separation and preparation of new sand for moldings.

CONVEYOR 2

Automatic, with carouselle line 100 metres long, for molds, 760 x 760 mm size, complete with shake out cycle casting separation and preparation of new sand for moldings.

Technical Details

C. SAND CYCLE PREPARATION NECESSARY FOR CONVEYORS 1 AND 2 COMPLETE PRODUCTION

Automatic system to process the sand coming from production lines 1-2 and the preparation of the adictive foundry sand, then sent back automatically to load molding stations of conveyor 1-2 .

CUPOLA FURNACES

n.cupola	2
cupola diameter	1000 mm.
pig iron output for each furnace	7.00 Ton./h.

**TECHNICAL DATA
CONVEYOR 1**

Carouselle total lenght	mt. 115
Trolley size	1090 x 960 mm.
Mold size	980 x 720 mm.
Number molds on conveyor	n. 81
Cycle for mold	n. 1/55 sec.
Molds output	n. 65/hour
Electrical power installed about	Kw 70
	Volt 380
	Freq. 50 Hz

Technical Details

TECHNICAL DATA CONVEYOR 2

Total length	mt. 100
Trolley size	840 x 750 mm.
Mold size	620 x 620 mm.
Number molds on conveyor	n. 96
Max speed for n.1 mold	n. 1/33 sec.
Max molds output	n. 110/hour
Max electrical installed power	Kw. 50 Volt 380 Freq. 50 Hz

Technical Details of Sand Preparation

AUTOMATIC SAND CYCLE
NECESSARY FOR CASTING MOLDS

Output ton. / sec.	2 ton. / 90 sec.
Electrical power installed about	Kw. 130
	Volt 380
	Freq. 50 Hz

Andreas Matuszczak

andreas@maynards.com

Managing Director
& Senior Appraiser
Maynards Europe GmbH