CONTINUOUS COLOUR COATING LINES FROM BRONX INTERNATIONAL

Bronx International is a world class innovator in the design and manufacture of continuous colour coating lines

Coil Coating

Coil coating is a term used to describe the application of a decorative and/ or protective organic coating to metal supplied in coil form.

Bronx has been designing and building organic coating lines for over 40 years with more than 40 references worldwide.

The type of metals coated include:

- Steel
- Galvanised steel
- Aluminium
- Steel/Aluminium composites

For standard designs, metal thicknesses vary from 0.20 - 1.60mm and in widths from 600 - 1600mm.

The type of products typically made from 'prepainted' steel include:

- Roofing & wall cladding
- Guttering
- Fences & walls
- Whitegoods (appliances)
- Cool room panels
- Roofing tiles
- Drum ends
- Housings & casings
- Industrial furniture & racking
- Office furniture

Selecting a Colour Coating Line

Capacity

Bronx offers Colour Coating Lines with output from 10,000 – 150,000 tonnes per annum.

Bronx lines are designed to apply either a superior quality three coat system or an economical two coat system.

Design Parameters

Bronx innovative designs mean it is possible to install a low capacity line, requiring a corresponding low capital investment, and then upgrade the line to output higher volumes as market demand increases. By designing a new line to easily accept later retrofitted equipment, future modifications can be made with minimal downtime to the existing line.

Design

To design a line to meet the customer's capacity requirements, Bronx requires a reference strip width and thickness, together with maximum/minimum thickness and widths. The reference strip is the strip size most commonly processed.

With this information our designers are able to determine:

1. The thermal capacity of the oven and the strip contact time in the oven and/or
2. The maximum process section line speed

The initial selection of these parameters must be suited to the desired output. To purchase a line with excess capacity would be over-capitalising, and one with insufficient capacity means losing market share.

Ovens

Bronx offers a choice of Gas or Infrared curing ovens on our colour coating lines. Bronx has extensive references in both curing technologies ensuring our customers can select their preferred option. Both ovens are proven technology, operating in many lines worldwide.

SERVICES OFFERED BY BRONX

With over 40 years of experience in Colour Coating line design, operation and manufacture, Bronx is able to offer much more than quality equipment.

We offer the following services to our customers:

- Project Feasibility
- Equipment Design
- Installation & Commissioning
- Technology Transfer
- Training of Operators & Production Personnel
- Operator & Maintenance Manuals
- Product Testing
- Downstream Equipment
- Ongoing Technical Support
- Ongoing Customer Support

www.bronxintl.com

Bronx Colour Coating Line, Turkey

For more information on our range of Bronx Process Lines please contact our Business Development team or sales office salesgroup@bronx.com.au or visit our web page www.bronxintl.com Phone: +61 2 9534 4233