

THE BRONX GROUP



WAREHOUSE COLOUR COATING LINES

Providing Quality Coil Coating Solutions for your Business



www.thebronxgroup.com

— WAREHOUSE

The Bronx Group

Celebrating 80 years of providing high quality coil processing solutions, The Bronx Group of companies continues to remain a trusted specialist across the globe. Bronx has been designing and building Colour Coating Lines for over 50 years, with as many references in over 30 countries.

Our strength in engineering, commitment to excellence and performance, and our ability in delivering solutions tailored to our customer's business have all been key in cementing our global reputation in coil coating and finishing lines.

Given our rich experience and history in the industry, Bronx has witnessed many significant advances in coating technology and equipment design. Bronx prides itself on being at the frontier of introducing these technologies to the market.

Warehouse Solutions

The Bronx 'Warehouse' lines are a family of colour coating equipment designed to fit within existing factory spaces.

Proven technology, innovative design, and many years of process line experience have resulted in a family of designs that can be installed in buildings with clearance as low as 5 metres, without pits and with minimal additional foundations.

The modular line allows for modest investment entry into coil coating. These lines are ideal for processors wishing to backward integrate, or for manufacturers looking to add value to their existing products.

Despite their more compact size, the quality of the structure, equipment and production is equal to that of the conventional lines Bronx offers.



Bronx Warehouse Line, Slovakia

Product Guarantee

By working closely with major paint and chemical suppliers, Bronx guarantees the following parameters on all its colour coating lines:

- Paint characteristics of final product
- Oven curing
- Paint applications
- Strip cleaning and pre-treatment
- Strip transportation

LINES

Benefits of Warehouse Lines

- Low capital cost entry to coil coating
- Designs available for two and three coat systems
- Innovative design allows lines to fit most existing industrial spaces, reducing capital cost
- Small factory footprint, ensuring minimal foundation
- Continuous operation providing high prime yield
- Choice of Gas or Electric Infra Red (IR) ovens
- Cost effective manufacture of small tonnages from 5,000 t/yr to 60,000 t/yr
- Operator Training and Technology Transfer included
- Optional Quick Change Coaters available
- Conventional or Chrome-free pre-treatment available
- Suitable for all commercially available Coil Coating Paint Systems
- Innovative designs allow for rapid, cost-effective installation



Quick Change "U" Wrap Coater

Pattern Coating and Finishing

Bronx can supply a range of pattern coating rolls and other processes to add value to your finished coil product. The possibilities are endless: simply tell us what pattern or finish you require.



A selection of possible finishes, including brick, woodgrain, marble and "misty."



Operator Training and Technology Transfer

Bronx professional staff have unparalleled experience in designing, building and operating colour coating lines. We then ensure all customer line operators are provided with intensive training on all aspects of coil coating. This includes both theoretical and on-the-job training.

The training includes:

- Complete process knowledge
- Product testing and quality control
- Production, technical and maintenance manuals

Typical Substrates

- Galvanised Steel
- Aluminium
- Galvalume® /Zincalume®
- Cold Rolled Steel

Typical End Uses

- Roofing
- Rainwater goods (incl. guttering)
- Wall Cladding
- Sandwich Panels
- Garage/Entry Doors
- Furniture /Fixtures

Type	Gauge	Width	Max Speed (ft/min)	Reference Strip	Output (t/yr) @ 5400 hrs
Compact Double Pass	0.14 - 0.80 (Steel)	1250mm	Prime: 40m/min Finish: 30m/min	0.45 x 1250 (Steel)	24,000
	0.30 - 1.20 (Aluminium)	1250mm	Prime: 40/min Finish: 30/min		8,000
Modular Double Pass	0.14 - 0.80 (Steel)	1250mm	Prime: 40m/min Finish: 40m/min	0.45 x 1250 (Steel)	24,000
	0.30 - 1.20 (Aluminium)	1250mm	Prime: 40m/min Finish: 40m/min		8,000
Modular Single Pass	0.14 - 0.80 (Steel)	1250mm	Prime: 40m/min Finish: 40m/min	0.45 x 1250 (Steel)	50 - 60,000
	0.30 - 1.20 (Aluminium)	1250mm	Prime: 40m/min Finish: 40m/min		17 - 20,000

Compact: 65m overall line length

Modular Double/Single Pass: 98m overall line length

The Bronx Group's Warehouse Solutions are designed to fit within existing factory spaces, yet do not compromise on Bronx's renowned quality and production capacity.



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