

COATING CONTROL EQUIPMENT FROM BRONX INTERNATIONAL

Bronx International is a leading designer and builder of Continuous Galvanising Lines, including Coating Control equipment.

Continual development of our Coating Control equipment has ensured Bronx is a well-respected supplier of Air Knives and Pot equipment for new installations, as well as upgrades to existing lines. Bronx Coating control Equipment is also supplied to other metal coating line manufacturers for their projects worldwide.

The Bronx design has a number of unique features which provide our customers with a controllable, accurate and consistent coating thickness. The result is a high quality, high yield product.

Bronx has developed a range of models and options to suit various applications and budgets.

➔ Bronx New Generation

Bronx New Generation Air Knives and Pot Equipment have been developed to enable improved control and greater flexibility to the Metal Coating Line operator, whilst maintaining the Bronx tradition of simple operation and robust design.

➔ New Generation Air Knives

- Single Head and Double Quick Change Head designs
- Designed for line speeds up to 180 mpm
- Coating weights from 90g/m² to 350g/m² (both sides)
- Strip widths up to 1500mm
- Strip thickness up to 4.0mm
- Differential coating capability
- Compact design allowing excellent pot access
- Hardened alloy steel and chrome plated air knife lips to maximize operational life
- Edge Baffle system for coating weight control on strip edges
- Controls & Adjustments include:
 - Knife to pot vertical
 - Knife to strip horizontal (tandem & individual)
 - Knife angle of attack
 - Knife skewing
 - Knife jet gap
 - Knife air pressure (tandem & individual)



Options:

- Additional Horizontal Air Knife axis adjustment
- Air Knife gap cleaning device
- Servo-motor adjustment
- Air Knife maintenance & calibration stands

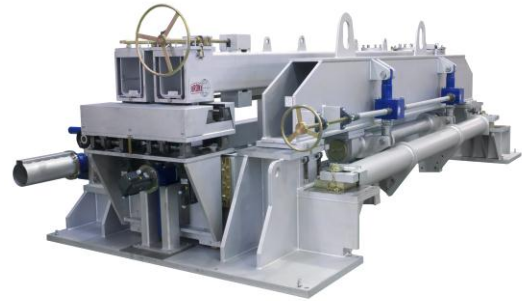


➔ New Generation Pot Equipment

- Heavy-duty, robust design
- Pot equipment mounted on single pedestal stands on each side of the pot allowing excellent pot access
- Adjustable sink roll to assist in shape correction (cross-bow) and tension control
- Horizontally adjustable stabilising & correcting rolls to set pass line & correct strip shape
- Quick-release, fort-type bearing carrier on all roll arms for fast roll changes
- Indexable, cartridge type bearings on all rolls assisting roll change & maximising bearing life

Options:

- Servo-motor control on stabilising & correcting rolls
- Remote operated sink roll scraper blade
- Maintenance & calibration stands for sink, correction & stabilising rolls



➔ Standard Air Knife & Pot Equipment

The Bronx Standard Air Knives & Pot Equipment, which have proven successful in installations on many Bronx Metal Coating Lines and coating line upgrades around the world are still available.

- Compact design allowing excellent pot access
- Double Quick Change Head design with hardened alloy steel & chrome plated Air Knife lips
- Designed for line speeds up to 150 mpm
- Coating weights from 90g/m² to 350/m² (both sides)
- Strip widths up to 1500mm, strip thickness up to 4.0mm
- Edge Baffle system for coating weight control on strip edges
- Controls & Adjustments include:
 - Knife to pot vertical
 - Knife to strip horizontal
 - Knife angle of attack
 - Knife skewing
 - Knife jet gap
 - Knife air pressure (tandem & individual)
- Air Knives & pot equipment mounted on single pedestal stands on each side of the pot allowing excellent pot access
- Horizontally adjustable stabilising & correcting rolls to set pass line & correct strip shape



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