

# THE BRONX GROUP



## GALVANISING LINE SOLUTIONS

Designing and manufacturing galvanising lines



[www.thebronxgroup.com](http://www.thebronxgroup.com)

# 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. The Bronx Group is a leading supplier of both Non-Oxidising Furnace (NOF) and Wet Flux continuous galvanising lines, all producing a high quality product for construction and appliance applications.

Offering both zinc and zinc/aluminium coating lines, the Bronx Group has been designing and manufacturing galvanising lines since 1970. With over thirty-six (36) references world wide, we have amassed a wealth of experience and expertise, which allows us to offer cost-effective process lines. We are proud to provide our well of engineering expertise and world-class customer relationship management services to ensure optimal performance and client satisfaction.

## NOF Galvanising Lines

Bronx supplies NOF (Non Oxidising Furnace) Galvanising Lines capable of applying both Zinc and Zinc/Aluminium coatings. Depending on the coating and process, the following grades can be produced on Bronx Process Lines: FH, CQ, DQ.

### Benefits:

- Guaranteed Quality Product
- Production Know-How and Training package included
- Post commissioning support for operation and technology is provided.
- Bronx expertise in Thin Strip Galvanising.
- High Quality Surface Finish suitable for post painting.
- Heat to Coat or Full Annealing Process

**Strip Width:** 1250mm (49")

**Process Speed:** 120 - 185 m/m (393 - 607 ft/m)

**Thickness Range:** 0.6 - 1.5mm (0.02- 0.06")

**Coil Mass:** 20 - 25t

**Typical Capacity:** 100 000 - 350,000 tpa

## Wet Flux Galvanising Lines

Bronx has been designing and building Wet Flux Galvanising Lines since 1974. The Bronx modified Wet Flux Technology produces Tight Coat to provide a product of 'Guaranteed Lock-Form Quality'.

### Benefits:

- High quality surface finish suitable for post-painting
- Production know-how, training and post-commissioning support included
- Stop-start operation, providing economical running costs
- Modified Flux process results in 'Top Dross'
- Lines capable of product down to 0.12mm thickness (0.0047")

**Strip Width:** 1250mm (49")

**Process Speed:** 80 - 120 m/m (262 -393 ft/m)

**Thickness Range:** 0.6 - 1.5mm (0.02- 0.06")

**Coil Mass:** 10 - 20t

**Typical Capacity:** 50,000 to 100,000 tpa



Above: Bronx Galvanising Line Installation  
Below: Surface Correction Mill



## Choosing a Bronx Galvanising Line

With Bronx designed and manufactured strip transport, air knives and pot equipment with fully motorised adjustment and feedback monitoring, we assure both quality of design and manufacture.

Additionally, we pride ourselves on our full training package, tailored to operators and production personnel. This is provided by the Bronx Technology Department.

Our specialist engineers will supervise installation and commissioning, as well as provide post-commissioning support.

All technology, training and post-commissioning support is provided by Bronx staff, with many years combined experience as both managers and operators of Galvanising Lines.

## Surface Correction Mill

The Surface Correction Mill is a unique Bronx mill designed to provide a smooth surface for subsequent painting. It is a much lower cost solution than traditional mills and does not require extensive foundations.

Our specialists are ready to design a tailored solution to suit your individual business needs.

## In-Line Levelling

Bronx designs and manufactures Tension Levellers (4 high and 6 high) and Surface Correction Mills that can be installed as part of a Galvanising line.

To find out more about our Tension Levelling options, head to [www.thebronxgroup.com](http://www.thebronxgroup.com).





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