# **Bronx Representation Worldwide**





# **Bronx Group Products**

- Continuous Galvanising Line Unique Wet Flux 'Tight Coat' Process
- Continuous Galvanising Line Non-oxidising **Furnace Process**
- Galvanising Lines with In-Line Painting
- Continuous Colour Coat Lines
- Colour Coat Lines Small Service Centre -Stop/Start Satellite Lines

- **Tension Level Lines**
- Cut-to-length Lines
- Galvanising Coating Control Jets
- Paint and Chemical Coaters

- Edge Trim Lines

- Slitting Lines
- Strip Joiners
- **Equipment Upgrades**

## **BRONX REPRESENTATION WORLDWIDE**

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Bronx has a long and successful history of

upgrades for both ferrous and non-ferrous

United Kingdom, Switzerland, Norway, South

metals. Equipment has been installed in

Table top flatness quality can usually be produced depending on the severity of the

physical properties of low carbon steel and

a defined yield point. Without corrections,

other metals susceptible to the appearance of

Lines are built with speeds of up to 300 MPM,

1750mm in both 4 and 6 high configurations. Quick change roll cassettes are standard for

thickness from 0.15mm to 3mm, widths to

work roll and two decurving sections are

Bronx design Engineers have developed

computer programs to ensure efficient leveller design to level full hard steel, annealed steel, stainless steel, and all grades of aluminium,

roll section is used to reduce

capital cost.

and brass.

Indonesia, India, and China.

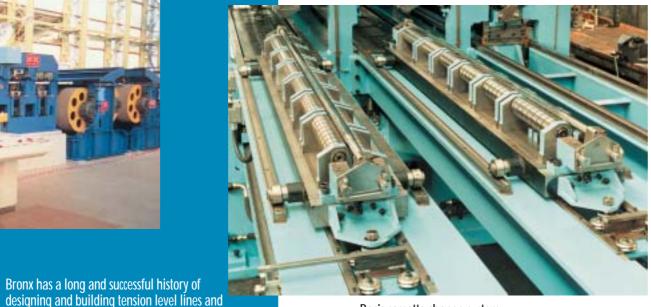
poor shape of the incoming strip.

usually causes reject components.

Tension leveller installed in a continuous galvanizing line.



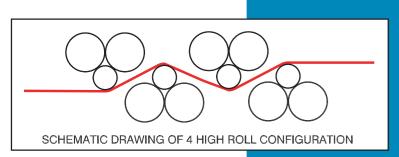
A 6 high cassette used for levelling superior surface quality material.

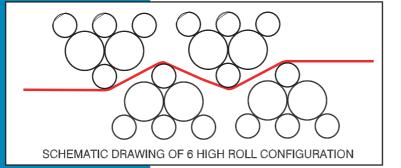


Basic cassette change system.



A leveller with two levelling and one de-curving stage.





After extensive design evaluation Bronx Engineers have standardised all electric drives for the regenerating and motoring bridles. This format produces outstanding operational results and has a number of key advantages over other types of drives.

- 1) Ease and flexibility of operation. Changing the strip elongation on the leveller is as easy as changing the position of one rheostat. This feature is vitally important in continuous galvanizing and paint lines where physical properties of the metal varies from coil to coil and line stoppages produce large amounts of costly scrap product.
- 2) Maintenance of all equipment is lower, particularly when AC drives are used to power the bridles.
- 3) Accurate matching of bridle roll diameters is required at all times in a mechanical drive. This is not required with electrical drives.

Tension level lines can be supplied as stand alone lines or in conjunction with:

- Coil build up lines
- Coil inspections lines
- Slitting
- Side trimmers
- Degreasing
- Oiling
- Embossing
- Continuous galvanizing lines
- Continuous painting lines



A typical 2 roll bridle - two of these are used on each of the motoring and regenerating bridles.

A leveller with two levelling and two de-curving stages.

