

THE BRONX GROUP



CUT TO LENGTH AND SLITTING LINES

Your Trusted Coil Processing Solution Specialist



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. Our team in the United Kingdom, Bronx Engineering, is dedicated to the manufacture, installation and commissioning of our Cut-to-Length and Slitting Machine Solutions.

Cut-to-Length Equipment

FEATURES:

- Automatic coil loading and feeding
- Automatic pre-setting of machine adjustments
- Computer controlled precision levelling
- High speed precision shearing
- Stacking systems for single or multiple blanks
- Inspection system with sheet classification facilities
- Drop sheet stacking
- Air flotation stacking
- Magnetic belt type stacking
- Vacuum belt type stacking
- Bomb door stacking
- Single or multi position stacking



We continually improve our products, through R&D, and investing in our people and the latest technology. This commitment has provided our company a competitive edge.

Our concepts for cut-to-length lines are the result of many years of experience and co-operation with ferrous and non-ferrous industries throughout the world.



Above: Kombi-type Blanking Line
Right: Flying Shear Line, Rotary Shear Line



Multi-Blanking and Rotary Shears

To meet the high specifications and JIT (Just in Time) industry requirements, we have developed the 'Kombi II' micro processor- controlled high speed multi blanking line.

This type of line enables single or multiple precision levelled blanks of extreme close tolerances on both length and width to be produced in one operation direct from coil stock.

Line speeds up to **100 metres per minute** and a shearing capacity up to **150m cuts per minute**, producing **750 blanks per minute** will improve your production rates, reduce your overheads by eliminating labour intensive guillotining and increase your profitability.

The flexibility of this equipment also allows it to be used as a conventional cut to length line with or without edge trimming.

An additional piece of equipment is our in-house developed rotary shear.

Suitable for both ferrous and non-ferrous materials, it was initially designed to process materials up to 3.5 mm thick.

The 'ROTACUT' shear can be supplied as an integral part of a new installation or retrofitted into your existing cut to length of continuous process line.



Slitting Lines

We design and manufacture a comprehensive range of precision slitting lines. Our equipment can process light gauge through to heavy gauge high tensile steels, as well as stainless steels, coated materials, aluminium and electrical steels.

Our lines can handle coils up to 45 tonnes in weight and up to 2,500 mm in width, with material thicknesses ranging from 0.25 mm to 20 mm. Production speeds include a range of up to 600 metres/min depending on the application.



Our lines include the following;

- Latest computer-controlled technology
- User-friendly machine settings
- Enhanced blade life
- Highest quality components ensuring maximum efficiency and productivity

Product features;

- Automatic loading/unloading
- Automatic strip feeding
- Automatic slitter head interchange
- Quick change uncoiler and recoiler mandrels
- Quick change slitter and separator tooling
- Conventional or shimless slitter tooling with computer-aided set-up facility

Optional equipment

- Paper interleaving
- Plastic film application
- Strip marking
- Surface inspection
- Surface oiling
- Anti coil break equipment
- Coil preparation station

Our Products

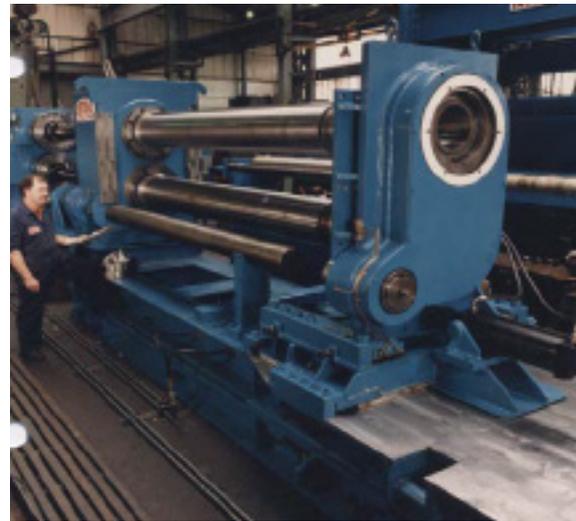
Bronx Engineering also designs and manufactures a range of special purpose semi-automatic and fully-automatic slit coil-banding and coil-wrapping lines.

Our other products include;

- Heavy Gauge Lines
- Edge Trim Rewind Lines
- Inspection Lines
- Slit Coil Banding Lines
- High Speed Light Gauge Lines
- Edging Lines
- Coil Packaging Lines



1,300 mm wide x 3.00 mm thick stainless steel



2.2 m wide x 12 mm thick high tensile steel





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