THE BRONX GROUP

Quality Coil Embossing Machinery and Rolls

Metal Embossing Machinery & Rolls

Metal embossing involves passing the coil sheet through heavy duty engraved rolls to create an imprint in the metal. Embossing can be carried out after painting the substrate without damaging the paint or can be embossed onto aluminium or stainless steel.

Unlike the embossing carried out on plastisols, the base metal is embossed completely (the metal is actually deformed). The purpose of this embossing is less about visual appearance and is more about increasing the strength and stiffness of the base metal, such that lighter gauge material can be used.

Designs like wood grain and leathergrain can give the appearance of wood or leather but have the durability of metal.

Embossing can be done on the following material:

- Stainless Steel
- Aluminium
- Steel

Typical applications include:

- Wall panels and cladding for buildings
- Interior of lifts and doors
- Stairs and walkways
- Sinks and counter tops
- Protective shields

Special finishes:

Decorative finishes are rolled on one side to create a decorative surface with a high resistance to wear and scratching. These finishes are highly formable.

Double sided pattern:

Double sided patterns are produced by rolling coils between special imprinted rolls. The strength and rigidity of the material is increased and this means that you can use a thinner sheet whilst having strengthened material.

Bronx & Standex

When you purchase a Bronx embossing machine you are benefiting from decades of experience in the design and build of coil processing equipment coupled with the quality and expertise offered by an industry leading roll manufacturer.

All Bronx Embossing Machines are fitted with state of the art Standex International Limited Metal Embossing Rolls.

Infinite Possibilities:

The rolls produced for a Bronx Embossing unit can be any design of your choosing. There are limitless possibilties for creating a design unique to your company's needs or choosing one of the many standard designs.

Metal Embossing

- ✔ Variety of patterns
- ✔ Bespoke Designs
- ✔ Provides interesting effects
- ✔ Provides extra character to the finished product
- ✔ Is visually appealing
- ✔ Corrosion resistant
- ✔ Resistant to scratching and wear
- ✔ Life cycle cost savings
- ✔ Rejected steel can be reprocessed into prime stock by embossing the material

Creativity - the right solution for your business

Metal Embossing creates new opportunities for your products as well as creating opportunites for your customers to bring style and design into their creations.

Standex Rolls and Bronx Embossing Equipment are precision designed and engineered to offer an arrray of patterns and strength to the substrate, increasing rigidity and reducing coil waste.

Embossing Applications: With thousands of embossing patterns to choose from or create your own unique pattern, Standex rolls offer the metals industry typical designs eg. Stucco, leathergrain, etc or uniquely designed patterns.

Bronx embossing equipment is available for embossing steel, aluminium and stainless steel. Embossing can also be done on untreated, galvanised or coated strip.

Types

Coil to Coil Embossing Line
Bronx can supply a coil to coil embossing line, complete with Standex embossing rolls.

Stand Alone Equipment
Bronx can supply a stand alone embossing machine which can be supplied and fitted into a Roll Forming, Slitting or Cut to Length line.

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