

In-line cold foil unit



Solid cold foil



Fine detail cold foil



Solid and fine detail cold foil



Solid cold foil and printing effect



Halftone effect



Different color foil printed

What is cold foil ?

Cold foil is a new print technology that apply metallic foil with an infinite spectrum of colors to print metallic and luxurious pattern or words. This amazing technology will make your products highlighted and outstanding in the overloaded packaging industry

Benefits of cold foil

1. Cold foil can be installed on the printing machine directly, allow to print and laminate in-line, no need specific stamping device and mould
2. Cold foil max. running speed can up to 12,000 sheets/hour
3. Cold foil directly on white cardboard not only get the same effect of printing on gold and silver cardboard, but also save the cost of multiple printing process
4. Cold foil only use normal PS plates, which can reduce manufacturing cost and make ready time faster
5. No heating device, can save energy and protect environment
6. Cold foil can be applied to a wider range of substrates, such as print on plastic or paper

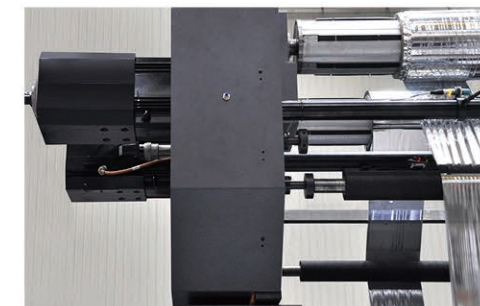
Cold foil effect

1. Cold foil is good for both big solids printing and also fine lines up to 0.05mm
2. Cold foil can be overprinted with process colors, thereby allowing a multitude of new metallic color tones to be created
3. The multitude of new metallic color tones can help create a security effect for your job
4. Cold foil normally requires only silver foil, different color foil can be printed
5. Halftone effect can be achieved
6. Different cold foil effect can be achieved based on different grid density
7. No creasing on the back of substrates



Cold foil unit

- Suitable for offset, flexo, gravure and other different printing processes and models



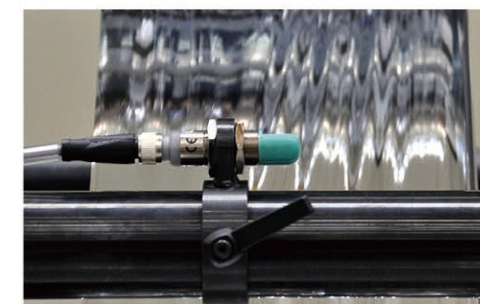
Servo controlled cold foil unit

- Foil rewinding and unwinding is controlled by servo motor, realizing constant and controllable tension of aluminium foil



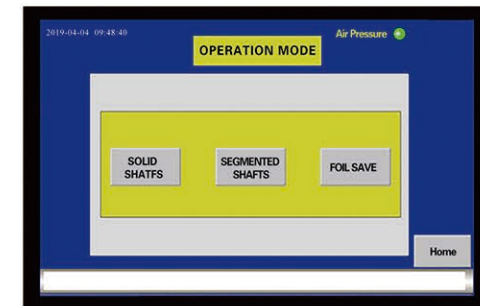
Foil break detector

- Guarantee timely shutdown after foil breakage in operation to reduce waste



Ultrasonic detecting device

- Accurate digital detection of aluminum foil roll diameter



Touch screen control

- Set the step parameters according to different carriers to achieve the best cold-foil effect



Multi-reel

- Saving aluminium foil