

Title (en)
FULLY AUTOMATIC COLD STAMPING MACHINE OF ROTATING WHEEL TYPE

Title (de)
VOLLAUTOMATISCHE KALTPRÄGUNGSMASCHINE VOM DREHRADTYP

Title (fr)
MACHINE D'ESTAMPAGE À FROID ENTIÈREMENT AUTOMATIQUE DE TYPE À ROUE TOURNANTE

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Application
EP 16923430 A 20161208

Priority
CN 2016109061 W 20161208

Abstract (en)
The utility model relates to the technical field of surface special printing equipment, and in particular to a cylinder type fully automatic cold foil machine. The cylinder type fully automatic cold foil machine according to the utility model comprises a machine frame body, a seal box, an infrared preheater, a vacuum suction mechanism, a conveyor belt mechanism, a pre-curing device, a stamping foil mounting device, a stamping foil rewinding device, an in-printing curing device, a post-curing device, and a cold foil rubber roller mechanism composed of a rotating main cylinder and two foil pressing rollers, wherein the conveyor belt mechanism is composed of a front-stage conveyor belt and a post-stage conveyor belt; and the pre-curing device, the stamping foil mounting device, the stamping foil rewinding device, the in-printing curing device, the post-curing device and the cold foil rubber roller mechanism are respectively located in the seal box. The foiling portion of the utility model adopts a structure form of matching the rotating main cylinder with the two foil pressing rollers, which can carry out two-side press fit transfer processing of stamping foil and a printing substrate; at the same time, glue on the printing substrate cured at different degrees in the pre-curing , in-printing curing and post-curing stages by using the three curing devices, which can effectively ensure the integrity of cold foil patterns and a cold foil effect; and the cylinder type fully automatic cold foil machine is simple and compact in structure and can ensure effects of cold foil processes such as raised foiling, embossed , and raised cast and cure.

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