

Title (en)

SHEET FEED DEVICE WITH TWO SHEET DRUMS AND SUBSEQUENT PROCESSING DEVICE

Title (de)

BOGENABFÜHREINRICHTUNG MIT ZWEI BOGENTROMMELN UND WEITERBEHANDLUNGSVORRICHTUNG

Title (fr)

MACHINE D'IMPRESSION

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Application

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Abstract (en)

[origin: WO9852757A1] The invention relates to a printing machine comprising a sheet feeder, elements for conveying a sheet to be printed to a feed line, feed mechanisms for conveying sheets from the feed line to a printing cylinder having a diameter which is three times larger and provided with printing surfaces, at least one cylinder group interacting with the printing cylinder and consisting of a double-sized offset cylinder, a double-sized printing cylinder or a double-sized printing form cylinder, each having two working surfaces, a device for printing a printing form arranged on a printing form cylinder and a sheet exit unit containing an output chain circuit. The aim of the invention is to design a sheet path in a conventional printing machine ranging from the printing cylinder to the sheet pile in such a way that the sheet can be further processed. To do this, the sheet discharge device (26) contains two delivery drums (15, 16) arranged downstream from the printing cylinder (6) and upstream from the sheet exit unit (25) and by assigning special devices (28), it is possible to influence the sheet in a selective manner on the second delivery drum, i.e. by arranging a drying device (29) to dry the sheet (10) or by arranging a cutting device (38) to separate the sheet (10) in the middle, or by arranging a powder device (24) to powder the sheet (10), or by arranging an application device (18) to coat the sheet (10) or to provide it with another color.

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