

Title (en)

Offset printing press unit and method for converting a letter press unit into same.

Title (de)

Offset-Druckmaschine und Verfahren zum Umwandeln einer Druckmaschine für Hochdruck in eine Offset-Druckmaschine.

Title (fr)

Machine d'impression offset et procédé de conversion d'une machine typographique en une machine d'impression offset.

Publication

**EP 0017720 A1 19801029 (EN)**

Application

**EP 80100727 A 19800213**

Priority

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- US 3224079 A 19790420

Abstract (en)

A method and apparatus for conversion of a web fed letterpress unit (10) into a web fed offset printing press unit (42) having a main frame (12) an auxiliary frame (44) inside the main frame for receiving cylinders, a pair of offset plate cylinders (46 and 46a) for mounting printing plates thereon, an inking arrangement (16, 18 and 20) for applying films of ink to the plates, and a pair of blanket cylinders (48 and 48a) in close proximity to a position for respective rolling contact with the plate cylinder and the other blanket cylinder. An offset press gear train (114) is installed outside the frames if the shafts for the cylinders can be extended through the bores (56, 56a, 58, 58a, 76 and 112) in the main frame left from the removed letterpress unit cylinders. Otherwise the gear train (54) is placed inside the main frame. Pilots (60, 60a, 62 and 62a) for insertion into bores in the main frame guide the installation of the auxiliary frame. Eccentric bearings (68) are installed for bodily swinging cylinders between alternative positions.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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