

Title (en)  
Three side cutter

Title (de)  
Dreischneider

Title (fr)  
Machine pour le découpage sur trois côtés

Publication  
**EP 0740983 A1 19961106 (DE)**

Application  
**EP 96106902 A 19960502**

Priority  
DE 19516047 A 19950504

Abstract (en)  
The page trimmer for collectively shearing the free edges of an assembled or bound book during the final stages of its production forms part of a machine complex. This comprises a feeder conveyor, transfer station (12), storage magazine (18) and a shearing unit (14) which includes a page clamping mechanism and an output conveyor (16). The books are moved from the magazine (18) to the shearer (14) on a track (20) and are positioned successively by a reciprocating assembly (24,52) for edge trimming by the front (32) and two side knives (32,34). During processing all independently driven movements are synchronised by digital control of the rotary or linear servo or stepping motors (38,40,46,48) and offcuts are shredded for removal by suction.

Abstract (de)  
Es wird ein Dreischneider, bestehend aus einer Zuführstation (10), einer Übergabestation (12), einer Schneidstation (14) mit einem Preßstempel, einem Vordermesser (36), zwei Seitenmessern (32,34) und einem Ausleger, deren Bewegungsabläufe untereinander gekoppelt sind, sowie einer Absaugvorrichtung für Schneidabfälle beschrieben. Wenigstens die zwei Seitenmesser (32,34) einerseits und das Vordermesser (36) andererseits umfassen gesonderte Antriebe mit digital gesteuerten Servo- oder Schrittmotoren (38,40), deren Bewegungsabläufe durch einen gemeinsamen Steuerrechner synchronisiert sind.

IPC 1-7  
**B26D 1/09**; **B26D 5/00**

IPC 8 full level  
**B26D 1/09** (2006.01); **B26D 5/00** (2006.01); **B26D 5/20** (2006.01); **B26D 11/00** (2006.01)

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**B26D 1/09** (2013.01); **B26D 5/00** (2013.01); **B26D 5/20** (2013.01); **B26D 11/00** (2013.01); **B26D 5/14** (2013.01); **B26D 2007/0081** (2013.01)

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