

Option « TwinClamp »

compensates height variations of materials in one and the same ream.

Benefits for the customer

- Increased ream height
- Improved cutting quality by more constant clamping
- No loss of quality when higher loads are processed
- Substantial reduction of manual intervention when cutting a ream



Description

The cutting of material may cause problems when there are substantial height differences within one ream. Such variations are caused by varying inking, perforations or embossing, for example when dealing with bank notes. With increasing cutting tolerances, the operator often has to cut with a reduced ream height which lowers the cutting efficiency dramatically. The optional TwinClamp has been conceived for compensating such height differences and increasing the ream height.

The TwinClamp option includes the following parts:

Hold-down clamp at the backgauge

The hold-down clamp at the backgauge rake is furnished with a special rubber layer on the underside, which compensates different heights. In order to allow the backgauge to move under the clamp when minor measures are processed, the hold-down clamp can be swivelled out by programming. The clamping pressure of the hold-down clamp is infinitely variable up to 6 bar (approx. 64 kg) and its synchronism with the backgauge prevents the material from getting jammed.



Special hold-down clamp at backgauge

Extended backgauge rake

Because of the wider pressure clamp, the backgauge rake has been extended by 50 mm. This allows to push the last label onto the front table. However, the feed depth is decreased by these 50 mm.

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Special contoured false clamp plate

The special contoured false clamp plate is also provided with a 10-mm special rubber layer on the underside. Therefore, it balances height variations and improves the cutting quality by an even clamping process. Besides, the ream height can be increased considerably. When cutting bank notes, for example, the ream height is even doubled. However, when a contoured false clamp is used the opening is reduced to a max. 130 mm.



Wider pressure clamp with special contoured false clamp plate

Wider pressure clamp

A wider pressure clamp helps to expand the area to be clamped and helps to improve the cutting quality.

Technical data

		115	137
Feeding depth max.	[mm]	1.100	1.400
Feeding height max., no false plate	[mm]	130	130
Feeding height max., with false plate	[mm]	130	130
Smallest cut, min., with backgauge clamp	[mm]	300	300
Smallest cut, autom., with false plate	[mm]	50	50
Clamp pressure max.	(daN)	4.500	5.500
Downholder backgauge pressure min.	[kg]	10	10
Downholder backgauge pressure max.	[kg]	60	60
Downholder backgauge compressed air	[l/min]	6	6

Availability

Xplus	Optional on		retrofittable
	XTplus	Autotrim	
—	115 - 137	115 - 137	no

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