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Double Alignment Tables DAT 12, DAT 14, DAT 24

Operator's Manual

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1. GENERAL

Name	Double Alignment Table DAT12, DAT 14, DAT 24
B+H System	The MB Bäuerle Double Alignment Table DAT in conjunction with the MB Bäuerle fold unit CAS 524 is intergrated in Bell+Howell Systems 7 and 7S.

2. FUNCTIONAL DESCRIPTION

Features of the MB Double Alignment Table DAT:

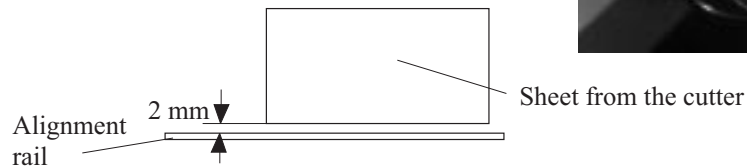
- Central setting of paper sizes
- Integrated operator panel (DAT 14 and DAT 24)
- Functional design
- Symmetrical and unsymmetrical adjustment of alignment rails
- Fine adjustment of alignment rails
- Trouble-free handling of sheets with a length of 4"

Setting of Paper Sizes

Symmetrical Setting of Paper Sizes

The setting for paper sizes of both alignment rails is done at the handwheel (1) which is located on the operator side.

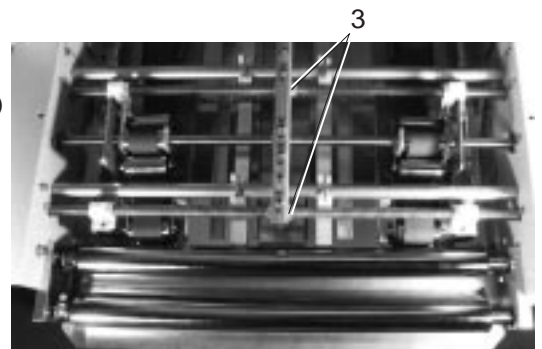
When the alignment rails have been set to the correct paper size, this position is fixed by means of a lock screw (2).



Asymmetric Setting of Paper Sizes

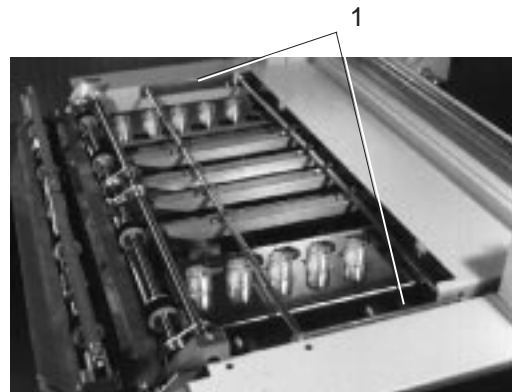
When handling sheets with different widths, it is possible to set the alignment rails unsymmetrically. Proceed as follows:

- Loosen the setting screw (2).
- The right alignment rail (in direction of paper travel) is set to the correct position by means of the handwheel (1).
- On the underside of the alignment table, loosen the connecting pieces (3) in the center of the two spindles.
- Now move the left alignment rail (in direction of paper travel) to its correct position by means of the handwheel (1).
- Retighten the screws on the connecting pieces (3).
- When the alignment rails have been set to the correct format, fix these positions by tightening the lock screw (2).



Fine Adjustment of the Alignment Rail

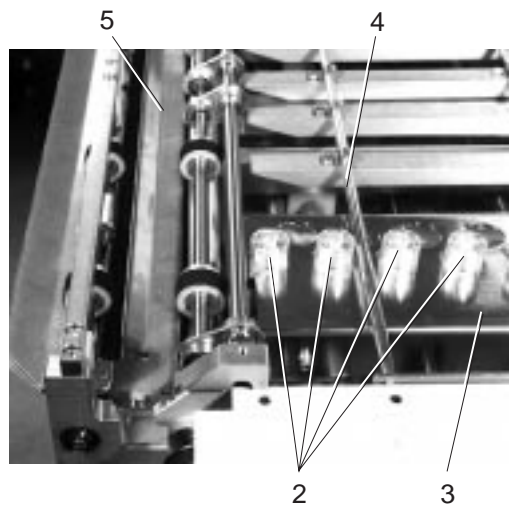
Fine adjustment of the alignment rail is done by turning the knurled screws (1).



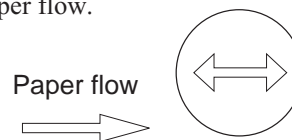
Exchanging the Ball Cages

The ball cages (2) have a key which facilitates introduction of the ball cage into the ball rail (3). By turning the ball cage slightly, it is fixed in the ball rail.

To remove the ball cage, continue turning it until the plastic key appears in the groove of the ball rail. Now the ball cage can be pulled out of the alignment rail.



The arrows on the ball cages should always point in direction of paper flow.



Alignment Improvement:

Instead of the second set of rollers, a longer paper guide (5) can be used for better alignment.

Guide Rails (upper)

The upper guide rails (4) can be removed in case of a paper jam in the alignment table.

3. SPECIFICATIONS

Paper Sizes:	DAT 12:	Max. width: 224 mm Min. width: 135 mm	Length: 297 mm Length: 100 mm
	DAT 14:	Max. width: 224 mm Min. width: 135 mm	Length: 356 mm Length 100 mm
	DAT 24:	Max. width: 235 mm Min. width: 114 mm	Length: 610 mm Length: 85 mm

Paper Weights: from 60 GSM to 200 GSM

Dimensions:	DAT 12:	Length: 50 cm	Width: 81 cm	Height: 16 cm
	DAT 14:	Length: 76 cm	Width: 81 cm	Height: 16 cm
	DAT 24:	Length: 101 cm	Width: 81 cm	Height: 16 cm

Other Features: Colour: light grey (RAL 7035)

Special Version: Asymmetrical setting of the Alignment rails with 2 separate hand-wheels (one on each side).