

TRIMMING

RS 164

Rotary Trimmer

COMMERCIAL

NEWSPAPER

BINDERY

CONVEYING

TRIMMING

COMPENSATED STACKING

LOG STACKING

PALLETIZING



GÄMMERLER
solutions that move print

High Quality for High Paginations

Gämmerler Trimming Technology – Benchmarks for Highest Quality

The precise trim is an important point in post press processing. For more than 25 years Gämmerler has set benchmarks in inline trimming technology and maintained its leading market position worldwide with more than 3800 installations.

RS 164 – Innovation in Trimming Technology

When trimming printed copies of high page count the RS 164 achieves optimum results, setting new standards with the patented double knife technology. The user-friendly machine is equipped with the Gämmerler rotary knives with interchangeable cutting segments ensuring an optimum trim quality even at high speed.

Segmented Knife Technology

■ Highest Trim Quality

Gämmerler's segmented knives are made of tungsten carbide, one of the hardest materials. Compared to round knives regrinding does not change the diameter of the segmented knife, since the individual knife segments can be readjusted and therefore the original diameter remains unchanged, which maintains a high quality trim.

■ Exceptionally Long Knife Life

Regrinding of the knives is necessary only after several millions of copies have been trimmed. In total the individual cutting segments can be readjusted up to 30 times before being replaced.

■ Less Waste and Less Set-up Time

Since the cutting geometry of the segmented knives does not change the machine need not be readjusted after grinding, which means less waste and shorter set-up time.



RS 164

Nick-free Trim with Double Knife Technology

The double knife technology trims the printed product between two segmented knives. There is no anvil. In particular, for copies of high page count and high press speeds an optimum nick-free trim quality can be achieved.

Features

- Modular design for easy system integration
- Compact knife block with double knife technology
- Tungsten carbide knife segments individually replaceable and adjustable
- Vacuum sensor
- Steel-welded frames

Options

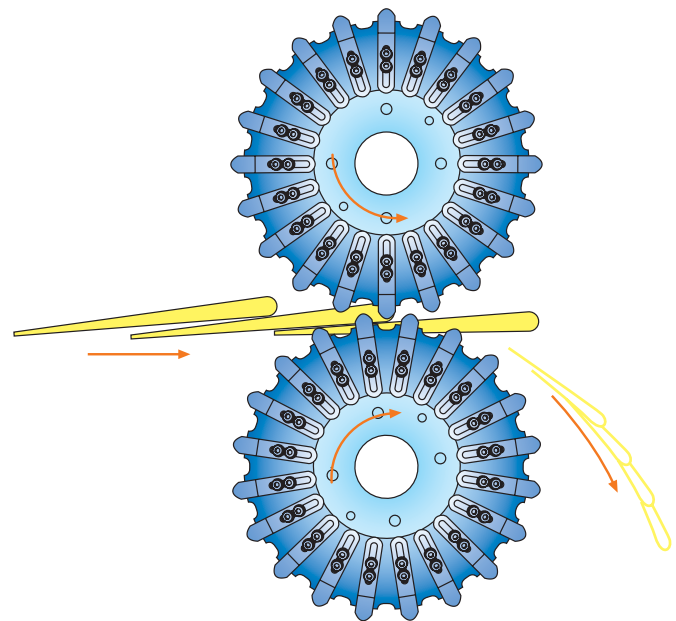
- Automatic format adjustment
- Axial format adjustment within the jogging area

Advantages

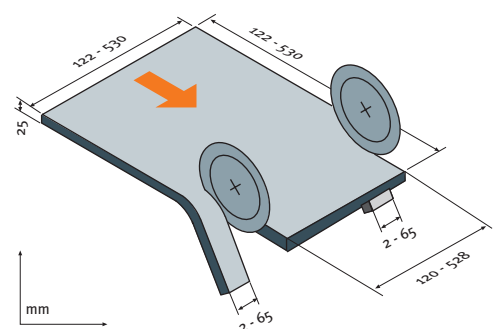
- Nick-free trim also for high page count products
- Exceptionally long knife life
- Shingle thickness possible up to 25 mm
- No cutting gap adjustment necessary, set-up time virtually zero



Compact knife block



Double knife technology



Formats RS 164



Technical Data

Performance

Speed

Pagination ¹⁾

Formats untrimmed A x B

Formats trimmed A x B

2-edge trim A x B

1-edge trim

Trim width ^{1) 2)}

Shingle thickness

Physical

Outer dimensions: Length x Width x Height

Weight

Knife diameter

Segment blades

Air consumption

Nominal pressure

Consumption

Vacuum speed ³⁾

Connected loads

Power

Full load Amps.

Supply voltage ⁴⁾

Frequency

¹⁾ depending on paperweight

²⁾ depending on pagination

³⁾ depending on copy and trim width

⁴⁾ others optional

RS 164

	80 (100 optional)	m/min
	8 – 128	
min.	122 x 122	mm
max.	530 x 530	mm
min.	120 x 120	mm
max.	526 x 526	mm
min.	115	mm
	2 – 65	mm
max.	25	mm
	1517 x 1437 x 1284	mm
	1200	kg
	250	mm
	28	per knife
	6	bar
	64	Nl/min (@ 1 bar)
min.	35	m/s
	7,5	kW
	25	A
	400, 3~, N, PE	V
	50	Hz

Subject to modifications without notice of dimension, design and equipment.

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