

TRIMMING

RS 164

Rotary Trimmer

COMMERCIAL

NEWSPAPER

BINDERY

CONVEYING

TRIMMING

COMPENSATED STACKING

LOG STACKING

PALLETIZING

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 30 years Gämmerler has set benchmarks in inline trimming technology and maintained its leading market position worldwide with more than 4200 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 userfriendly 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.

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.



RS 164



Compact knife block



Features

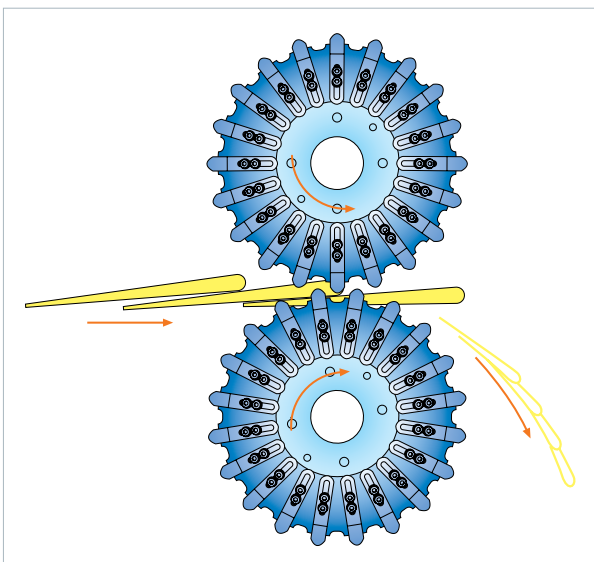
- Modular design for easy system integration
- Compact knife block with double knife technology
- Tungsten carbide knife segments individually replaceable and adjustable
- Vacuum sensor
- Steel-welded frame

Options

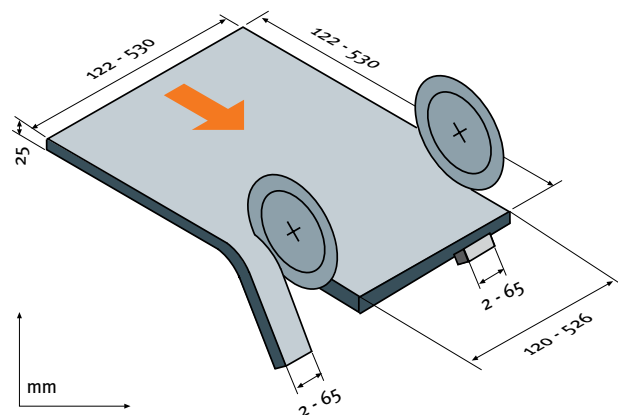
- Automatic format adjustment
- Centric format adjustment within the jogger area
- Double deck machine for space-saving installation

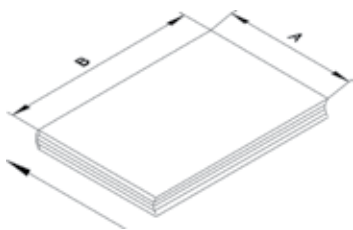
Advantages

- 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



Double knife technology





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 ³⁾	
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
	1703 x 1442 x 1253	mm
	1200	kg
	250	mm
	28	per knife
	6	bar
	64	NI/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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