

# TRIMMING

RS 111

Rotary Trimming Line

COMMERCIAL

NEWSPAPER

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CONVEYING

TRIMMING

COMPENSATED STACKING

LOG STACKING

PALLETIZING

# PERFECTION IN 3-EDGE INLINE TRIMMING

## 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 111 – Precise and Reliable 3-edge Inline Trimming System

Modular in design, the RS 111 consists of two rotary trimmers and one bumpturn, mounted on a welded steel framework. The RS 111, which can easily be moved between production lines, takes full advantage of Gämmerler's rotary knives with interchangeable cutting segments.

## Segmented Knife Technology

### ■ Highest Trim Quality

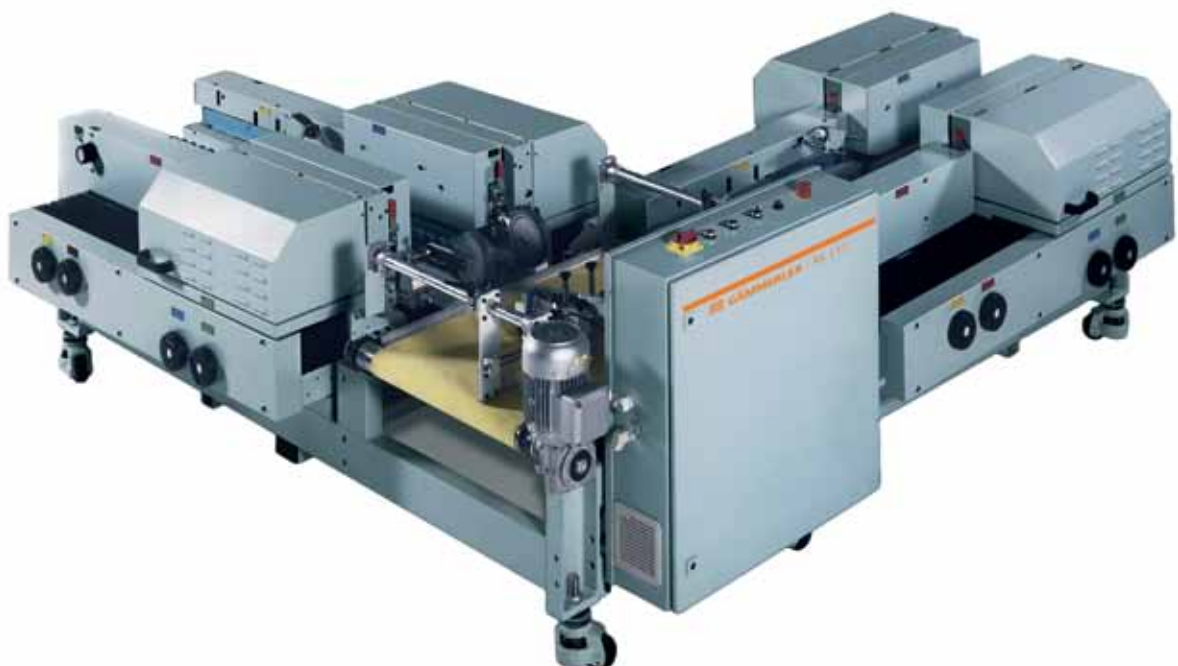
Gämmerler's segmented knives are made of tungsten carbide, one of the hardest materials. Compared to round knives regrinding does not change the diameter of the segmented knife, since the individual knife segments can be readjusted. Therefore the original diameter remains unchanged, which maintains a 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 111



Top knife with open pressing belt

## Features

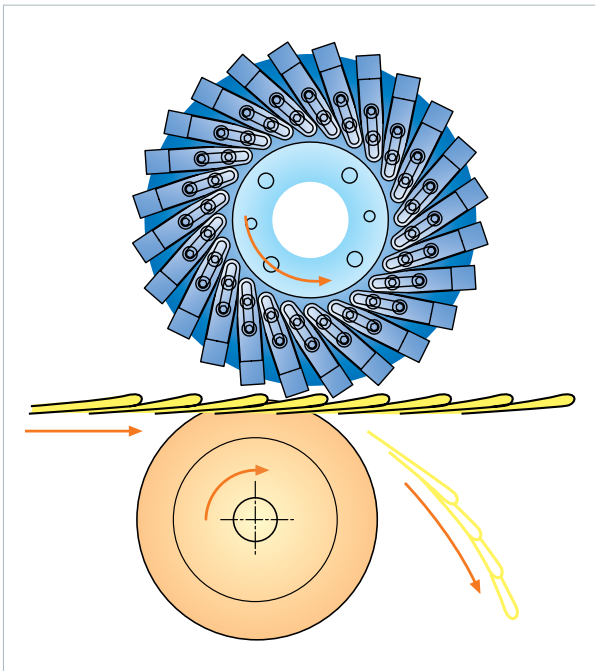
- Complete mobile 3-edge trimming line
- Tungsten carbide knife segments individually adjustable or replaceable
- Vacuum sensor
- Steel-welded frames



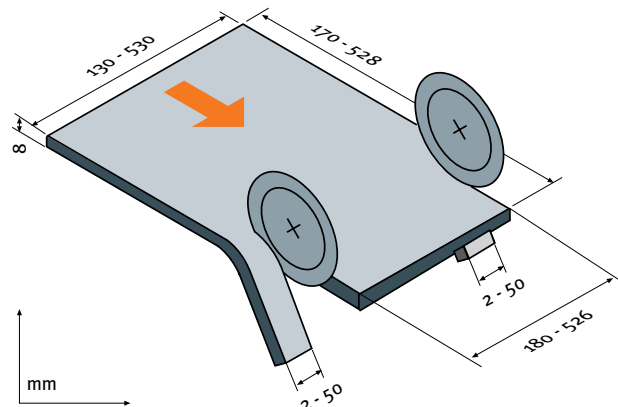
RS 111 Segmented knife (24 segments)

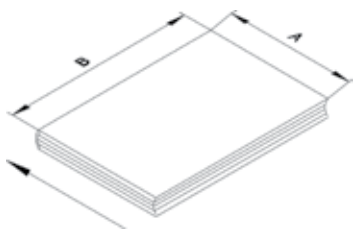
## Advantages

- Exceptionally long knife life
- Constantly high trim quality
- High flexibility
- Short set-up time



Trimming technology (24 knife segments)





## Technical Data

### Performance

Speed

Pagination<sup>1)</sup>

Formats untrimmed A x B

Formats trimmed A x B

2-edge trimming A x B

1-edge trimming

Trim width<sup>1) 2)</sup>

Shingle thickness

### Physical

Outer dimensions: Length x Width x Height

Weight

Knife diameter

Segment blades

### Air consumption

Nominal pressure

Consumption<sup>3)</sup>

### Connected loads

Power

Full load Amps.

Supply voltage<sup>4)</sup>

Frequency

1) depending on paperweight

2) depending on pagination

3) additional air consumption per knife

for cooling + 130 NI/min

4) others optional

## RS 111

80 (100 optional) m/min

4 - 32

min. 130 x 122 mm

max. 530 x 530 mm

min. 128 x 180 mm

max. 526 x 526 mm

min. 170 mm

2 - 50 mm

max. 8 mm

2750 x 2800 x 960 mm

1600 kg

200 mm

24 per knife

6 bar

390 NI/min (@ 1 bar)

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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