

# Cutter Kern 996



## Short description

### Application

- Cutting of 1- or 2up continuous forms lengthwise and cross channel, with or without pinfeed, for single- and double cut
- Optional grouping of cut documents

### Combined with

- K3500SL, K3500, K2600, K4300

### Functions

- Middle cut of two-up paper rolls
- Diversion, pinless transport and buffering of the paper track before the transverse separation
- Margin slitter
- Feed Synchronization with optical detected mark or pinfeed
- Horizontal cut with pendulum knife with single cut
- Variable double cut
- Monitored transfer of cut sheets to inserting system
- Discharge of waste
- Optional grouping table*
- Takeover of cut documents
- Collect the documents in a selectable direction (above/below) after reading or counter
- Monitored transfer of cut documents to inserting system
- Deflection of assemblies to waste container

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### Equipment basic version

- Cutter 3.5 – 16"
- Margin cut at cross cut (cut)
- Center slitter knife
- Cut mark sensor above
- Servo-controlled cutter
- Compressed air controlled actuators
- Communication interface to K3500 and Kern Unwinder
- Base on rolls with levelling feet
- Safety covers with Interlock
- Local operator panel
- Interface to Kern unwinder
- Own power supply

### Options

- Reading devices unit and reading software
- Margin cut possible with length separation (endless)
- Centre strip knife
- Suction funnel for margin and intermediate cut
- Waste paper container for horizontal cut
- Grouping and diverting station 3.5 – 14" for performance increase with divert possibility

### Reading

- OMR
- Barcode
- Datamatrix

### Operation

- Control unit 10.4" with Touch Screen

### Monitoring

- Processor control paper track and sheets
- Complete flow monitoring

### Color

- Signal red, RAL 3001
- Grey aluminium, RAL 9007

### Construction type

- For continuous operation

### Safety

- GS, CE

### Warranty

- 12 months

# Cutter Kern 996

## Technical data

<b>Performance</b>	<ul style="list-style-type: none"> <li>Pure cutting performance at 12"</li> <li>Max. 33'000 cuts/h with single cut / max. 66'000 Doc/h</li> <li>Max. 30'000 cuts/h with double cut / max. 60'000 Doc/h</li> </ul>
<b>Format width</b>	<ul style="list-style-type: none"> <li>1-up 148 up to 295 mm</li> <li>2-up 296 up to 520 mm</li> </ul>
<b>Document width cut, per track</b>	<ul style="list-style-type: none"> <li>148 – 225 mm</li> </ul>
<b>Document length</b>	<ul style="list-style-type: none"> <li>88.9 – 407 mm</li> </ul>
<b>Margin cut</b>	<ul style="list-style-type: none"> <li>10 – 35 mm</li> </ul>
<b>Center strip cut</b>	<ul style="list-style-type: none"> <li>0 mm, 4 – 15 mm, in 1 mm steps (only in combination with vacuum system at length separator)</li> </ul>
<b>Paper weight</b>	<ul style="list-style-type: none"> <li>60 – 120 g/m<sup>2</sup></li> </ul>
<b>Group thickens with optional grouping station</b>	<ul style="list-style-type: none"> <li>1 – 8 sheets</li> </ul>
<b>Specification reading</b>	<ul style="list-style-type: none"> <li>Reading with Oculus standard reading software</li> <li>Camera, Barcode- scanner, dynamical OMR reader</li> <li>Dynamic reading, with unrestricted reading area on the document, from above and below</li> </ul>
<b>Dimension (L x W x H)</b>	<ul style="list-style-type: none"> <li>2060 x 1100 x 1170 mm</li> <li>2570 x 1100 x 1170 mm (with grouping- and diverting station)</li> </ul>
<b>Operating panel languages</b>	<ul style="list-style-type: none"> <li>German, English, French, other languages on request</li> </ul>
<b>Weight without packing</b>	<ul style="list-style-type: none"> <li>408 kg, 550 kg with grouping- and diverting station</li> </ul>
<b>Weight with with packing</b>	<ul style="list-style-type: none"> <li>468 kg, 618 kg with grouping- and diverting station</li> </ul>
<b>Floor load</b>	<ul style="list-style-type: none"> <li>220 kg/m<sup>2</sup></li> </ul>
<b>Point load</b>	<ul style="list-style-type: none"> <li>Max. 210 kg</li> </ul>
<b>Power supply</b>	<ul style="list-style-type: none"> <li>3 x 400 VAC + PE + NE, 50 or 60 Hz</li> </ul>
<b>Power consumption</b>	<ul style="list-style-type: none"> <li>1'800 W</li> </ul>
<b>Heat emission</b>	<ul style="list-style-type: none"> <li>1'800 J/s</li> </ul>

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#### Noise emission

- Max. 80 dB (A)

#### Compressed air connection

- Min. pressure: 6 Bar
- Min. air volume: 20m<sup>3</sup>/h
- Min. air volume: 20m<sup>3</sup>/h with grouping and diverting station
- Not oiled, filter 40µm, Supply: plug-in connection 10 mm or G ¼

#### Duration

- 8 years in single shift operation
- 4 years in three shift operation

#### Service intervals

- 20 Mio. Cuts

#### Service and maintenance

- According to operator's manual

#### Operation conditions

- Operation, min. – max: +15°C by +30°C
- Operation, recommended: +18°C by +22°C
- Relative humidity 50% by 70%
- Recommendation: operate in air- conditioned rooms

#### Documentation

- Operators manual
- Technicians manual
- Spare parts catalogue

- Subject to technical modification without advance notice

#### Contact

Kern AG  
Hünigenstrasse 16  
3510 Konolfingen  
Switzerland

Phone (+41) 31 790 35 35  
Fax (+41) 31 790 35 45  
E-Mail: [info@kern.ch](mailto:info@kern.ch)  
[www.kern.ch](http://www.kern.ch)