

## Knife Folding Mechanism ZK 500/4-P



Parallel knife folding mechanism in ultra-modern technology –  
electronically controlled!

For installation on folding machines of the ranges 35 up to 74 and to machines of other  
suppliers such as saddle binders, collators etc.

## Function

The folding mechanism is used in connection with folding machines of all manufacturers, saddle binders, collators and stitching machines.

It is turnable so that the folding knife can work from the top or from the bottom.

The drive is infinitely variable and therefore adaptable to the machine which is installed before.

The height can be adjusted!

There are also special heights in accordance with the customers' requirements possible.

The knives' action is effected by the infeed sheet by means of a close range scanner.

The delivery side is always placed on the opposite of the infeed side.

## Technical Features

The folding knife is installed parallel to the infeed direction and not, as usual, rightangled. Can be used for parallel folds of thick products.

Thanks to the silent drive by means of v-belts and belts as well as the electronic drive control and the electronic knife control this unit is technically perfect.

## Technical Data

|  |                            |
|--|----------------------------|
| <b>Infeed width:</b>                                 | max. 300 mm<br>min. 110 mm |
| <b>Infeed width (special design):</b>                | min. 40 mm                 |
| <b>Infeed length:</b>                                | max. 650 mm<br>min. 160 mm |
| <b>Infeed length (special design):</b>               | min. 100 mm                |
| <b>Infeed height (with knife from the top):</b>      | max. 860 mm<br>min. 520 mm |
| <b>Delivery height (with knife from the top):</b>    | max. 770 mm<br>min. 430 mm |
| <b>Infeed height (with knife from the bottom):</b>   | max. 870 mm<br>min. 530 mm |
| <b>Delivery height (with knife from the bottom):</b> | max. 960 mm<br>min. 620 mm |
| <b>Output:</b>                                       | 6,000 – 18,000 cycles/hour |
| <b>Power consumption:</b>                            | 1 kW                       |
| <b>Space required:</b>                               | 1.20 x 1.30 m              |
| <b>Net weight:</b>                                   | 220 kg                     |