

## Technical Data Sheet KASTObloc U 5

|                                    |                 |        |
|------------------------------------|-----------------|--------|
| Power of saw motor                 | 4.0             | kW     |
| Total power                        | 6.0             | kW     |
| Cutting speed, infinitely variable | 17 - 110        | m/min  |
| Dimensions of saw blade            | 5450 x 41 x 1.3 | mm     |
| or                                 | 5450 x 54 x 1.3 | mm     |
| Saw feed, infinitely variable      | 1.0 - 250       | mm/min |
| Rapid motion                       | 8               | m/min  |

### Cutting length 2100 mm

|  |            |    |
|--|------------|----|
| Supporting surface of front table (length x width) | 2100 x 660 | mm |
| Supporting surface of back table (length x width)  | 2100 x 660 | mm |
| Max. table load outer table                        | 3500       | kg |
| Max. table load inner table                        | 3500       | kg |
| Cutting height without <i>BandControl</i>          | 580        | mm |
| Cutting height with <i>BandControl</i>             | 540        | mm |
| Max. cutting length                                | 2100       | mm |
| Cutting depth (without measuring stops)            | 660        | mm |
| Length incl. chip conveyor                         | 4560       | mm |
| Width incl. grating                                | 2610       | mm |
| Height without laser approx.                       | 3200       | mm |
| Height with laser approx.                          | 3200       | mm |
| Height of table support                            | 1200       | mm |
| Total weight                                       | 7500       | kg |

### Cutting length 3100 mm

|  |            |    |
|--|------------|----|
| Supporting surface of front table (length x width) | 3100 x 660 | mm |
| Supporting surface of back table (length x width)  | 3100 x 660 | mm |
| Max. table load outer table                        | 6000       | kg |
| Max. table load inner table                        | 5000       | kg |
| Cutting height without <i>BandControl</i>          | 580        | mm |
| Cutting height with <i>BandControl</i>             | 540        | mm |
| Max. cutting length                                | 3100       | mm |
| Cutting depth (without measuring stops)            | 660        | mm |
| Length incl. chip conveyor                         | 5560       | mm |
| Width incl. grating                                | 2610       | mm |
| Height without laser approx.                       | 3200       | mm |
| Height with laser approx.                          | 3200       | mm |
| Height of table support                            | 1200       | mm |
| Total weight                                       | 8000       | kg |



### Cutting length 4100 mm

|  |            |    |
|--|------------|----|
| Supporting surface of front table (length x width) | 4100 x 660 | mm |
| Supporting surface of back table (length x width)  | 4100 x 660 | mm |
| Max. table load outer table                        | 6000       | kg |
| Max. table load inner table                        | 4000       | kg |
| Cutting height without <i>BandControl</i>          | 580        | mm |
| Cutting height with <i>BandControl</i>             | 540        | mm |
| Max. cutting length                                | 4100       | mm |
| Cutting depth (without measuring stops)            | 660        | mm |
| Length incl. chip conveyor                         | 6560       | mm |
| Width incl. grating                                | 2610       | mm |
| Height without laser approx.                       | 3200       | mm |
| Height with laser approx.                          | 3200       | mm |
| Height of table support                            | 1200       | mm |
| Total weight                                       | 8500       | kg |

### Energy supply:

|   |  |
|---|--|
| Mains voltage:                                | In accordance with EN 60204<br>400 V three-phase current (-10 %, +6 %)<br>Control voltage 24 V-DC<br>The customer will be notified of the connection value in kVA after the scope of supply has been finalized.<br>On request other voltages for an extra charge   |
| Mains frequency:                              | 50 Hz (-1 %, +1 %; transient -2 %, +2 %)   |
| Type of mains:                                | TN mains according to IEC 364/VDE 0100<br>The power is supplied from the mains to the switching cabinets including advance fusing by the customer. The position of the switch cabinet is to be seen from the layout.   |
| Protective measures against indirect contact: | Over-current protector (zero balancing).<br>The mains supply of the operator (size and characteristic of the main fuse selected as well as the total impedance of PE and outer conductor in the supply line to the machine) has to be designed in such a way that the permissible shutdown time in the event of an error is not exceeded.<br>The use of a differential current switch in the mains incoming supply is not permitted. |
| Safety requirements:                          | The offered machine corresponds with the valid safety requirements according to DIN EN ISO 12100-1, DIN EN ISO 12100-2   |
| Painting:                                     | Machine RAL 7035, light grey, structural painting  |