

## Technical Data Sheet KASTOcross U 6x20

04/07

|                         |            |    |
|-------------------------|------------|----|
| Cutting range flat      | 660 x 2060 | mm |
| Clamping range          | 0 – 2060   | mm |
| Min. height of plate    | 10         | mm |
| Shortest cut-off length | 20         | mm |

### Overall dimensions:

|  |                  |                  |
|--|------------------|------------------|
| Width of machine approx.                               | 2400             | mm               |
| Depth of machine incl. chip conveyor approx.           | 9450             | mm               |
| Depth of machine to pull out the chip conveyor approx. | 12450            | mm               |
| Height of machine approx.                              | 3600             | mm               |
| Material support height approx.                        | 1650             | mm               |
| Total weight of the machine approx.                    | 15000            | kg               |
| Driving power  | 10.0             | kW               |
| Total power  | 18.0             | kW               |
| Minimum remnant length individual cut                  | 25               | mm               |
| Cutting speed infinitely variable                      | 12 – 120         | m/min with 50 Hz |
| Cutting feed infinitely variable                       | 0.5 – 250        | mm/min           |
| Dimensions of saw blade approx.                        | 10060 x 54 x 1.6 | mm               |
| Or approx.   | 10060 x 67 x 1.6 | mm               |

|                     |   |
|---------------------|---|
| Saw blade guide:    | carbide tipped, exchangeable  |
| Saw blade tension:  | hydraulic   |
| Saw blade cleaning: | By means of easy to exchange brush, motor-driven  |
| Coolant:            | Supply through 2 coolant nozzles, volume of coolant tank approx. 400 l, pump capacity 100 l/min with pump lift of 5 m |

### 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  
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).  
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.  
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