

## Technical Data Sheet KASTObbs U 5x10

Power	7.5	kW
Cutting speed infinitely variable	14 – 75	m/min
Dimensions of saw blade	7440 x 54 x 1.6	mm
Or	7440 x 67 x 1.6	mm
Saw feed infinitely variable	0.5 – 250	mm/min

### Cutting length 3000 mm

Supporting surface of front table (length x width)	3000 x 1500	mm
Carrying capacity of front table	24	t
Supporting surface of back table (length x width)	3000 x 1100	mm
Cutting height without <i>BandControl</i>	620	mm
Cutting height with <i>BandControl</i>	560	mm
Max. cutting length	3000	mm
Cutting depth (without measuring stops)	1060	mm

### Dimensions of the machine with cutting length 3000 mm

Length incl. chip conveyor approx.	6650	mm
Width protecting cap closed approx.	3830	mm
Width protecting cap opened (exchange of blade) approx.	5010	mm
Height without laser approx.	3620	mm
Height with laser approx.	3960	mm
Height of table support approx.	1340	mm
Weight of saw unit approx.	5000	kg
Weight of material supporting tables approx.	9000	kg

### Cutting length 4000 mm

Supporting surface of front table (length x width)	4000 x 1500	mm
Carrying capacity of front table	32	t
Supporting surface of back table (length x width)	4000 x 1100	mm
Cutting height without <i>BandControl</i>	620	mm
Cutting height with <i>BandControl</i>	560	mm
Max. cutting length	4000	mm
Cutting depth (without measuring stops)	1060	mm

### Dimensions of the machine with cutting length 4000 mm

Length incl. chip conveyor approx.	7650	mm
Width protecting cap closed approx.	3830	mm
Width protecting cap opened (exchange of blade) approx.	5010	mm
Height without laser approx.	3620	mm
Height with laser approx.	3960	mm
Height of table support approx.	1340	mm
Weight of saw unit approx.	5000	kg
Weight of material supporting tables approx.	9700	kg



### Cutting length 5000 mm

Supporting surface of front table (length x width)	5000 x 1500	mm
Carrying capacity of front table	40	t
Supporting surface of back table (length x width)	5000 x 1100	mm
Cutting height without <i>BandControl</i>	620	mm
Cutting height with <i>BandControl</i>	560	mm
Max. cutting length	5000	mm
Cutting depth (without measuring stops)	1060	mm

### Dimensions of the machine with cutting length 5000 mm

Length incl. chip conveyor approx.	8650	mm
Width protecting cap closed approx.	3830	mm
Width protecting cap opened (exchange of blade) approx.	5010	mm
Height without laser approx.	3620	mm
Height with laser approx.	3960	mm
Height of table support approx.	1340	mm
Weight of saw unit approx.	5000	kg
Weight of material supporting tables approx.	11000	kg

### Cutting length 6000 mm

Supporting surface of front table (length x width)	6000 x 1500	mm
Carrying capacity of front table	48	t
Supporting surface of back table (length x width)	6000 x 1100	mm
Cutting height without <i>BandControl</i>	620	mm
Cutting height with <i>BandControl</i>	560	mm
Max. cutting length	6000	mm
Cutting depth (without measuring stops)	1060	mm

### Dimensions of the machine with cutting length 6000 mm

Length incl. chip conveyor approx.	9650	mm
Width protecting cap closed approx.	3830	mm
Width protecting cap opened (exchange of blade) approx.	5010	mm
Height without laser approx.	3620	mm
Height with laser approx.	3960	mm
Height of table support approx.	1340	mm
Weight of saw unit approx.	5000	kg
Weight of material supporting tables approx.	12500	kg



**Energy supply:**

**Mains voltage:** In accordance with EN 60204  
400 V three-phase current (-10 %, +6 %)  
Control voltage 24 V-DC  
The customer will be notified of the connection value in kVA after the scope of supply has been finalized.  
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