

Technical Data Sheet KASTObbs U 4x16

Power	7.5	kW
Cutting speed infinitely variable	14 – 75	m/min
Dimensions of saw blade	8331 x 54 x 1.6	mm
Or	8331 x 67 x 1.6	mm
Saw feed infinitely variable	0.5 - 250	m/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 1660	mm
Cutting height without <i>BandControl</i>	520	mm
Cutting height with <i>BandControl</i>	460	mm
Max. cutting length	3000	mm
Cutting depth (without measuring stops)	1660	mm

Dimensions of the machine with cutting length 3000 mm

Length incl. chip conveyor approx.	6850	mm
Width protecting cap closed approx.	5000	mm
Width protecting cap opened (exchange of blade) approx.	6360	mm
Height without laser approx.	3490	mm
Height with laser approx.	3960	mm
Height of table support approx.	1550	mm
Weight of saw unit approx.	5500	kg
Weight of material supporting tables approx.	9500	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 1660	mm
Cutting height without <i>BandControl</i>	520	mm
Cutting height with <i>BandControl</i>	460	mm
Max. cutting length	4000	mm
Cutting depth (without measuring stops)	1660	mm

Dimensions of the machine with cutting length 4000 mm

Length incl. chip conveyor approx.	7850	mm
Width protecting cap closed approx.	5000	mm
Width protecting cap opened (exchange of blade) approx.	6360	mm
Height without laser approx.	3490	mm
Height with laser approx.	3960	mm
Height of table support approx.	1550	mm
Weight of saw unit approx.	5500	kg
Weight of material supporting tables approx.	10500	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 1660	mm
Cutting height without <i>BandControl</i>	520	mm
Cutting height with <i>BandControl</i>	460	mm
Max. cutting length	5000	mm
Cutting depth (without measuring stops)	1660	mm

Dimensions of the machine with cutting length 5000 mm

Length incl. chip conveyor approx.	8850	mm
Width protecting cap closed approx.	5000	mm
Width protecting cap opened (exchange of blade) approx.	6360	mm
Height without laser approx.	3490	mm
Height with laser approx.	3960	mm
Height of table support approx.	1550	mm
Weight of saw unit approx.	5500	kg
Weight of material supporting tables approx.	11700	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 1660	mm
Cutting height without <i>BandControl</i>	520	mm
Cutting height with <i>BandControl</i>	460	mm
Max. cutting length	6000	mm
Cutting depth (without measuring stops)	1660	mm

Dimensions of the machine with cutting length 6000 mm

Length incl. chip conveyor approx.	9850	mm
Width protecting cap closed approx.	5000	mm
Width protecting cap opened (exchange of blade) approx.	6360	mm
Height without laser approx.	3490	mm
Height with laser approx.	3960	mm
Height of table support approx.	1550	mm
Weight of saw unit approx.	5500	kg
Weight of material supporting tables approx.	13200	kg



Cutting length 7000 mm

Supporting surface of front table (length x width)	7000 x 1500	mm
Carrying capacity of front table	56	t
Supporting surface of back table (length x width)	7000 x 1660	mm
Cutting height without <i>BandControl</i>	520	mm
Cutting height with <i>BandControl</i>	460	mm
Max. cutting length	7000	mm
Cutting depth (without measuring stops)	1660	mm

Dimensions of the machine with cutting length 7000 mm

Length incl. chip conveyor approx.	10850	mm
Width protecting cap closed approx.	5000	mm
Width protecting cap opened (exchange of blade) approx.	6360	mm
Height without laser approx.	3490	mm
Height with laser approx.	3960	mm
Height of table support approx.	1550	mm
Weight of saw unit approx.	5500	kg
Weight of material supporting tables approx.	14700	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