

Technical Data Sheet KASTOtec U 7

Cutting range round	730	mm
Cutting range square H x W	730 x 730	mm
Cutting range rectangular H x W	730 x 830	mm
Clamping range	0 – 830	mm
Smallest size to be cut	20 x 20	mm
Shortest length of cut-off piece	8	mm
Length of machine	1900	mm
Length of machine incl. chip conveyor	2640	mm
Width incl. chip conveyor	5040	mm
Height approx.	2865	mm
Material support height	700	mm
Total weight	7500	kg
Total power	18.0	kW
Power of saw motor	11.0	kW
Power at running wheel	10.0	kW
Cutting speed infinitely variable with 50 or 60 Hz	12 – 120	m/min
Clamping power of machine vice (cut-off side)	3000 – 15000	N
Clamping power of feed vice (infeed side)	2000 – 40000	N
Volume of coolant tank	300	l
Capacity of coolant pump with 3 m pump lift	75	l/min
Dimensions of saw blade	9195 x 67 x 1.6	mm
On request (to be mentioned in the order)	9195 x 80 x 1.6	mm

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
Saw unit RAL 2003, pastel-orange, structural painting
- Compressed-air supply: Approx. 6 bar/20 l/min required