KASTO®

Technical Data Sheet KASTO*hba A 13*

04/07

Cutting range round	1320	mm
Cutting range square	1320 x 1320	mm
Clamping range	300 – 1320	mm
Smallest size to be cut approx.	Ø 300	mm
Shortest length of cut-off piece	10	mm
Overall dimensions:		
Length approx.	5720	mm
Width without chip conveyor approx.	6050	mm
Width with chip conveyor approx.	7050	mm
Height, head in lowered position, approx.	3710	mm
Height, head in highest position, approx.	4200	mm
Table size, length x width	2500 x 1320	mm
Moving range	2100	mm
Carrying capacity	34	t
Material support height	700	mm
Total weight	20000	kg
Total power	20	kW
Saw motor	11	kW
Automatic feed length, single stroke	2100	mm
Minimal remnant length, individual cut	20	mm
Minimal remnant length, automatic operation	100	mm
Cutting speed infinitely variable	12 – 90	m/min with 50/60 Hz
Cutting feed infinitely variable		
Hydraulic material feed		
Hydraulic clamping of material		
Tension force:		
Machine vice	50000	N
Dimensions of saw blade	12780 x 80 x 1.6	mm

Saw blade guide:	Carbide tipped, exchangeable
Saw blade tension:	Hydraulic
Cleaning of saw blade:	By a brush which is easy to exchange, motor-driven
Coolant:	Coolant supply through 3 nozzles, volume of coolant tank approx. 200 l, pump capacity 25 l/min with a pump lift of 5 m

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