

Technical Data Sheet KASTOtec F 3

Cutting range round	330	mm
Cutting range square H x W	330 x 330	mm
Cutting range flat H x W	330 x 430	mm
Clamping range	0 – 430	mm
Smallest size to be cut	10 x 10	mm
Smallest size to be cut in magazine operation with change of bar	20 x 20	mm
Shortest length of cut-off piece	6	mm
Shortest remnant length in automatic operation, possible only if the material has a perfect geometric surface	35	mm
Shortest remnant length in magazine operation with change of bar, possible only if the material has a perfect geometric surface	50	mm
Shortest remnant length individual cut	10	mm
Automatic material feed length, single stroke	600	mm
Option:		
Automatic material feed length, single stroke	1500	mm
Automatic material feed length, single stroke	3000	mm
Automatic material feed length, multiple stroke, if there is enough space to deposit the material on the cutoff side	9999	mm
Length with material feed length 600 mm approx.	2140	mm
Length with material feed length 1500 mm approx.	3010	mm
Length with material feed length 3000 mm approx.	4510	mm
Width incl. chip conveyor	4610	mm
Height (saw frame in lowest position) approx.	2395	mm
Height (saw frame in highest position) approx.	2560	mm
Material support height	950	mm
Total weight with material feed length 600 mm	4250	kg
Total weight with material feed length 1500 mm	4750	kg
Total weight with material feed length 3000 mm	5000	kg
Total power	9.5	kW
Power of saw motor	5.5	kW
Power at running wheel	5.23	kW
Cutting speed infinitely variable with 50 or 60 Hz	12 – 120	m/min
Clamping force of machine vice	2000 – 8000	N
Clamping force of feed vice	2000 – 15000	N
Volume of coolant tank	150	l
Capacity of coolant pump with 3 m pump lift	25	l/min
Dimensions of saw blade	6830 x 41 x 1.3	mm
On request (to be laid down in the order)	6830 x 54 x 1.3	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



Technical Data Sheet KASTOtec F 4

01/07

Cutting range round	430	mm
Cutting range square H x W	430 x 430	mm
Cutting range flat H x W	430 x 430	mm
Clamping range	0 – 430	mm
Smallest size to be cut	10 x 10	mm
Smallest size to be cut in magazine operation with change of bar	20 x 20	mm
Shortest length of cut-off piece	6	mm
Shortest remnant length in automatic operation, possible only if the material has a perfect geometric surface	35	mm
Shortest remnant length in magazine operation with change of bar, possible only if the material has a perfect geometric surface	50	mm
Shortest remnant length individual cut	10	mm
Automatic material feed length, single stroke	600	mm
Option:		
Automatic material feed length, single stroke	1500	mm
Automatic material feed length, single stroke	3000	mm
Automatic material feed length, multiple stroke, if there is enough space to deposit the material on the cutoff side	9999	mm
Length with material feed length 600 mm approx.	2140	mm
Length with material feed length 1500 mm approx.	3010	mm
Length with material feed length 3000 mm approx.	4510	mm
Width incl. chip conveyor	4610	mm
Height (saw frame in lowest position) approx.	2445	mm
Height (saw frame in highest position) approx.	2660	mm
Material support height	950	mm
Total weight with material feed length 600 mm	4300	kg
Total weight with material feed length 1500 mm	4800	kg
Total weight with material feed length 3000 mm	5100	kg
Total power	9.5	kW
Power of saw motor	5.5	kW
Power at running wheel	5.23	kW
Cutting speed infinitely variable with 50 or 60 Hz	12 – 120	m/min
Clamping force of machine vice	2000 – 8000	N
Clamping force of feed vice	2000 – 15000	N
Volume of coolant tank	150	l
Capacity of coolant pump with 3 m pump lift	25	l/min
Dimensions of saw blade	6830 x 41 x 1.3	mm
On request (to be laid down in the order)	6830 x 54 x 1.3	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

Technical Data Sheet KASTOtec F 5

01/07

Cutting range round	530	mm
Cutting range square H x W	530 x 530	mm
Cutting range flat H x W	530 x 530	mm
Clamping range	0 – 630	mm
Smallest size to be cut	10 x 10	mm
Smallest size to be cut in magazine operation with change of bar	20 x 20	mm
Shortest length of cut-off piece	6	mm
Shortest remnant length in automatic operation, possible only if the material has a perfect geometric surface	35	mm
Shortest remnant length in magazine operation with change of bar, possible only if the material has a perfect geometric surface	50	mm
Shortest remnant length individual cut	10	mm
Automatic material feed length, single stroke	600	mm
Option:		
Automatic material feed length, single stroke	1500	mm
Automatic material feed length, single stroke	3000	mm
Automatic material feed length, multiple stroke, if there is enough space to deposit the material on the cutoff side	9999	mm
Length with material feed length 600 mm approx.	2225	mm
Length with material feed length 1500 mm approx.	3190	mm
Length with material feed length 3000 mm approx.	4870	mm
Width incl. chip conveyor	5215	mm
Height (saw frame in lowest position) approx.	2665	mm
Height (saw frame in highest position) approx.	2930	mm
Material support height	950	mm
Total weight with material feed length 600 mm	5500	kg
Total weight with material feed length 1500 mm	6200	kg
Total weight with material feed length 3000 mm	7100	kg
Total power	9.5	kW
Power of saw motor	5.5	kW
Power at running wheel	5.23	kW
Cutting speed infinitely variable with 50 or 60 Hz	12 – 120	m/min
Clamping force of machine vice	2000 – 10000	N
Clamping force of feed vice	2000 – 20000	N
Volume of coolant tank	185	l
Capacity of coolant pump with 3 m pump lift	25	l/min
Dimensions of saw blade	7675 x 54 x 1.3	mm
On request (to be mentioned in the order)	7675 x 54 x 1.6	mm
On request (to be laid down in the order)	7675 x 67 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