

KASTO, Inc.

3002 Venture Court
Export, PA 15632

Sales: Phone 724-325-5600 – Fax 724-325-5611

Parts/Service: Phone 724-325-5605 – Fax 724-325-5612

E-Mail: sales@kastoinc.com



KASTOvericut A & U



Technical Data Sheet KASTOvericut U

Cutting range:

Cutting range 90° round	18.11 in.	460 mm
Cutting range 90° flat (width x height)	18.11 x 23.62 in.	460 x 600 mm
Cutting range 90° square	18.11 x 18.11 in.	460 x 460 mm
Cutting range ± 45° round	16.73 in.	425 mm
Cutting range ± 45° flat (width x height)	18.11 x 16.73 in.	460 x 425 mm
Cutting range ± 45° square	16.73 x 16.73 in.	425 x 425 mm
Cutting range + 60° round	11.81 in.	300 mm
Cutting range + 60° flat (width x height)	18.11 x 11.81 in.	460 x 300 mm

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Cutting range + 60° square		11.81 x 11.81 in.	300 x 300 mm
Cutting range – 60° round	option!	11.81 in.	300 mm
Cutting range – 60° flat (width x height)	option!	18.11 x 11.81 in.	460 x 300 mm
Cutting range – 60° square	option!	11.81 x 11.81 in.	300 x 300 mm
Shortest length of cut-off piece		1.97 in.	50 mm
Smallest diameter to be cut		0.79 in.	20 mm

Dimensions and weight:

Length		111.02 in.	2820 mm
Width		73.23 in.	1860 mm
Height		106.30 in.	2700 mm
Material support height		39.37 in.	1000 mm
Weight		6820 lbs.	3100 kg

Performance characteristics:

Power of saw motor, frequency adjusted		5.28 HP	4 kW
Total connected load		9.24 HP	7 kW
Machine roller conveyor, length x width		66.93 x 18.11 in.	1700 x 460 mm
Ball-bearing massive transport rollers		8 units	8 units
Diameter of rollers		2.76 in.	70 mm
Distances between roller centers		7.87 in.	200 mm
Cutting speed, infinitely variable		39.36 – 393.60 ft/min	12 - 120 m/min
Dimensions of saw blade		221.65 x 1.61 x 0.05 in.	5630 x 41 x 1.3 mm

Cutting feed: hydraulically controllable

Material clamping: hydraulic

Saw blade cleaning: by easy to exchange wire brush,
driven proportionally to main drive

Coolant (micro-spray lubrication system): For cutting of profiles and tubes, consisting of:
compressed-air reservoir incl. 0.263 gal (1 l) of spray liquid,
compressed-air control unit, sight glass for liquid,
electric level monitoring, electrovalve to control air
and liquid supply, adjustable at machine control

Energy supply:

Mains voltage: In accordance with EN 60204
220/440 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: 60 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.

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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
Compressed-air supply:	Approx. 87.60 lbs/sq. in./5.28 gal/min (6 bar/20 l/min) required

Technical Data Sheet KASTOvericut A

Cutting range:

Cutting range 90° round	18.11 in.	460 mm
Cutting range 90° flat (width x height)	18.11 x 23.62 in.	460 x 600 mm
Cutting range 90° square	18.11 x 18.11 in.	460 x 460 mm
Cutting range ±45° round	16.73 in.	425 mm
Cutting range ±45° flat (width x height)	18.11 x 16.73 in.	460 x 425 mm
Cutting range ±45° square	16.73 x 16.73 in.	425 x 425 mm
Cutting range +60° round	11.81 in.	300 mm
Cutting range +60° flat (width x height)	18.11 x 11.81 in.	460 x 300 mm
Cutting range +60° square	11.81 x 11.81 in.	300 x 300 mm
Cutting range -60° round	option! 11.81 in.	300 mm
Cutting range -60° flat (width x height)	option! 18.11 x 11.81 in.	460 x 300 mm
Cutting range -60° square	option! 11.81 x 11.81 in.	300 x 300 mm
Shortest length of cut-off piece ± 60°	1.97 in.	50 mm *
Smallest diameter to be cut	0.79 in.	20 mm
Remnant length in automatic operation -45° to + 60°	1.97 in.	50 mm *
Remnant length in automatic operation -60°	30.04 in.	763 mm *
Material feed length	118.11 in.	3000 mm

* Minimum lengths of cut-off pieces and minimum remnant lengths change in proportion to material diameter and material form. Shorter remnant lengths are possible when using special vise jaws.

Dimensions and weight:

Length	111.02 in.	2820 mm
Width	236.22 in.	6000 mm
Height	106.30 in.	2700 mm
Material support height	39.37 in.	1000 mm
Weight	11,220 lbs.	5100 kg

Performance characteristics:

Power of saw motor, frequency adjusted	5.28 HP	4 kW
Total connected load	11.88 HP	9 kW
Machine roller conveyor, length x width	66.93 x 18.11 in.	1700 x 460 mm
Ball-bearing massive transport rollers		8 units
Diameter of rollers	2.76 in.	70 mm
Distances between roller centers	7.87 in.	200 mm
Cutting speed, infinitely variable	39.36 – 393.60 ft/min	12 - 120 m/min
Dimensions of saw blade	221.65 x 1.61 x 0.05 in.	5630 x 41 x 1.3 mm

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Cutting feed:	hydraulically controllable
Material clamping:	hydraulic
Saw blade cleaning:	by easy to exchange wire brush, driven proportionally to main drive
Coolant (micro-spray lubrication system):	For cutting of profiles and tubes, consisting of: compressed-air reservoir incl. 0.264 gal. (1 l) of spray liquid, compressed-air control unit, sight glass for liquid, electric level monitoring, electrovalve to control air and liquid supply, adjustable at machine control
Energy supply:	
Mains voltage:	In accordance with VDE standards 220/440 V, 3ph, 60Hz Control voltage 24 V-DC The customer will be notified of the connection value in kVA after the scope of supply has been finalized.
Mains frequency:	On request other voltages for an extra charge 650 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
Compressed-air supply:	Approx. 87.60 lbs. per sq. in./5.28 gal/min (6 bar/20 l/min) required

**Please Contact our Sales Department at 724-325-5600
for More Detailed Information or a Quote on Either of These Machines!**