

**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](mailto:sales@kastoinc.com)**



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### **Technical Data Sheet KASTObbs A 3x20**

Power	9.90 HP	7.5 kW
Cutting speed infinitely variable	45.92 – 246 ft/min	14 – 75 m/min
Dimensions of saw blade	341.34 x 1.61 x 0.05 in.	8670 x 41 x 1.3 mm
Or	341.34 x 2.13 x 0.05 in.	8670 x 54 x 1.3 mm
Saw feed infinitely variable	0.03 – 10.63 in/min	0.7 – 270 mm/min

#### **Plate feed unit:**

Min. height of plate	0.79 in.	20 mm
Max. height of plate	9.84 in.	250 mm
Remnant length	1.97 in.	50 mm
Max. width of plate	106.30 in.	2700 mm
Stroke	110.24 in.	2800 mm
Min. length of plate	82.68 in.	2100 mm
Max. length of plate	depending on cutting length	
Max. weight of plate	33,000 lbs.	15000 kg

#### **Cutting length 122.05" (3100 mm) in automatic operation, 157.48" (4000 mm) in single cut operation**

Supporting surface of front table (length x width)	157.48 x 118.11 in.	4000 x 3000 mm
Carrying capacity of front table	70,547.20 lbs.	32 t
Cutting height without <i>BandControl</i>	16.54 in.	420 mm
Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length		
in automatic operation	122.05 in.	3100 mm
in single cut operation	157.48 in.	4000 mm
Cutting depth in automatic cycle	77.17 in.	1960 mm

Block bandsawing installation based on machine type KASTObbs U 3x20 with 157.48" (4000 m) table length to treat plates with the following dimensions:

Max. length of plate	118.11 in.	3000 mm
Min. length of plate	82.68 in.	2100 mm
Max. width of plate	102.36 in.	2600 mm
Max. height of plate	9.84 in.	250 mm
Min. height of plate	0.79 in.	20 mm
Min. remnant length	1.97 in.	50 mm

#### **Dimensions of the machine:**

Length of the complete installation approx.	311.02 in.	7900 mm
Width protecting cap closed approx.	289.37 in.	7350 mm
Width protecting cap opened approx.	354.76 in.	9011 mm
Height without laser approx.	147.64 in.	3750 mm
Height of table support approx.	70.87 in.	1800 mm
Weight of saw unit approx.	13,200 lbs.	6000 kg
Weight of material supporting tables approx.	28,600 lbs.	13000 kg

#### **Cutting length 161.42" (4100 mm) in automatic operation, 196.85" (5000 mm) in single cut operation**

Supporting surface of front table (length x width)	196.85 x 118.11	5000 x 3000 mm
Carrying capacity of front table	88,184 lbs.	40 t
Cutting height without <i>BandControl</i>	16.54 in.	420 mm

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Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length		
in automatic operation	161.42 in.	4100 mm
in single cut operation	196.85 in.	5000 mm
Cutting depth in automatic cycle	77.17 in.	1960 mm

Block bandsawing installation based on machine type KASTObbs U 3x20 with 196.85" (5000 mm) table length to treat plates with the following dimensions:

Max. length of plate	157.48 in.	4000 mm
Min. length of plate	82.68 in.	2100 mm
Max. width of plate	102.36 in.	2600 mm
Max. height of plate	9.84 in.	250 mm
Min. height of plate	0.79 in.	20 mm
Min. remnant length	1.97 in.	50 mm

### Dimensions of the machine:

Length of the complete installation approx.	350.39 in.	8900 mm
Width protecting cap closed approx.	289.37 in.	7350 mm
Width protecting cap opened approx.	354.76 in.	9011 mm
Height without laser approx.	147.64 in.	3750 mm
Height of table support approx.	70.87 in.	1800 mm
Weight of saw unit approx.	13,200 lbs.	6000 kg
Weight of material supporting tables approx.	31,900 lbs.	14500 kg

### Cutting length 200.79" (5100 mm) in automatic operation, 236.22" (6000 mm) in single cut operation

Supporting surface of front table (length x width)	236.22 x 118.11 in.	6000 x 3000 mm
Carrying capacity of front table	105,820 lbs.	48 t
Cutting height without <i>BandControl</i>	16.54 in.	420 mm
Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length		
in automatic operation	200.79 in.	5100 mm
in single cut operation	236.22 in.	6000 mm
Cutting depth in automatic cycle	77.17 in.	1960 mm

Block bandsawing installation based on machine type KASTObbs U 3x20 with 236.22" (6000 mm) table length to treat plates with the following dimensions:

Max. length of plate	196.85 in.	5000 mm
Min. length of plate	82.68 in.	2100 mm
Max. width of plate	102.36 in.	2600 mm
Max. height of plate	9.84 in.	250 mm
Min. height of plate	0.79 in.	20 mm
Min. remnant length	1.97 in.	50 mm

### Dimensions of the machine:

Length of the complete installation approx.	389.76 in.	9900 mm
Width protecting cap closed approx.	289.37 in.	7350 mm
Width protecting cap opened approx.	354.76 in.	9011 mm
Height without laser approx.	147.64 in.	3750 mm
Height of table support approx.	70.87 in.	1800 mm
Weight of saw unit approx.	13,200 lbs.	6000 kg
Weight of material supporting tables approx.	36,300 lbs.	16500 kg

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### Cutting length 240.16" (6100 mm) in automatic operation, 275.59" (7000 mm) in single cut operation

Supporting surface of front table (length x width)	275.59 x 118.11 in.	7000 x 3000 mm
Carrying capacity of front table	123,457.60 lbs.	56 t
Cutting height without <i>BandControl</i>	16.54 in.	420 mm
Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length		
in automatic operation	240.16 in.	6100 mm
in single cut operation	275.59 in.	7000 mm
Cutting depth in automatic cycle	77.17 in.	1960 mm

Block bandsawing installation based on machine type KASTObbs U 3x20 with 275.59" (7000) mm table length to treat plates with the following dimensions:

Max. length of plate	236.22 in.	6000 mm
Min. length of plate	82.68 in.	2100 mm
Max. width of plate	102.36 in.	2600 mm
Max. height of plate	9.84 in.	250 mm
Min. height of plate	0.79 in.	20 mm
Min. remnant length	1.97 in.	50 mm

### **Dimensions of the machine:**

Length of the complete installation approx.	429.13 in.	10900 mm
Width protecting cap closed approx.	289.37 in.	7350 mm
Width protecting cap opened approx.	354.76 in.	9011 mm
Height without laser approx.	147.64 in.	3750 mm
Height of table support approx.	70.87 in.	1800 mm
Weight of saw unit approx.	13,200 lbs.	6000 kg
Weight of material supporting tables approx.	40,700 lbs.	18500 kg

### **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.

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

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**Technical Data Sheet KASTObbs A 4x16**

Power	9.90 HP	7.5 kW
Cutting speed infinitely variable	45.92 – 246.00 ft/min	14 – 75 m/min
Dimensions of saw blade	327.99 x 2.13 x 0.06 in.	8331 x 54 x 1.6 mm
Saw feed infinitely variable	0.03 – 10.63 in.	0.7 – 270 mm/min

**Plate feed unit:**

Min. height of plate	0.79 in.	20 mm
Max. height of plate	9.84 in.	250 mm
Upon request for an extra charge	13.78 in.	350 mm
Remnant length	1.97 in.	50 mm
Max. width of plate	106.30 in.	2700 mm
Stroke	110.24 in.	2800 mm
Min. length of plate	82.68 in.	2100 mm
Max. length of plate		depending on cutting length
Max. weight of plate	33,000 lbs.	15000 kg

**Cutting length 124.02" (3150 mm) in automatic operation, 157.48" (4000 mm) in single cut operation**

Supporting surface of front table (length x width)	157.48 x 118.11 in.	4000 x 3000 mm
Usable in automatic operation	122.05 x 106.30 in.	3100 x 2700 mm
Carrying capacity of front table	70,547 lbs.	32 t
Cutting height single cut operation	16.54 in.	420 mm
Cutting height automatic operation	9.84 in.	250 mm
Cutting depth single cut operation	62.99 in.	1600 mm
Cutting depth automatic operation	61.02 in.	1550 mm
Max. cutting length		
in automatic operation	122.05 in.	3100 mm
in single cut operation	157.48 in.	4000 mm

Block bandsawing installation based on machine type KASTObbs U 4x16 with 157.48" (4000 mm) table length to treat plates with the following dimensions:

Max. length of plate	122.05 in.	3100 mm
Min. length of plate	82.68 in.	2100 mm
Max. width of plate	106.30 in.	2700 mm
Max. height of plate	9.84 in.	250 mm
Min. height of plate	0.79 in.	20 mm
Shortest remnant length in automatic operation	0.39 in.	10 mm
Min. remnant length	1.97 in.	50 mm

**Dimensions of the machine:**

Length of the complete installation approx.	309.06 in.	7850 mm
Width protecting cap closed approx.	273.62 in.	6950 mm
Width protecting cap opened approx.	339.02 in.	8611 mm
Height without laser approx.	140.00 in.	3556 mm
Height with laser approx.	168.90 in.	4290 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	33,000 lbs.	5000 kg

**Cutting length 163.39" (4150 mm) in automatic operation, 196.85" (5000 mm) in single cut operation**

Supporting surface of front table (length x width)	196.85 x 118.11 in.	5000 x 3000 mm
Usable in automatic operation	161.42 x 106.30 in.	4100 x 2700 mm
Carrying capacity of front table	88,184 lbs.	40 t
Cutting height single cut operation	18.11 in.	460 mm
Cutting height automatic operation	9.84 in.	250 mm

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Cutting depth single cut operation	62.99 in.	1600 mm
Cutting depth automatic operation	61.02 in.	1550 mm
Max. cutting length		
in automatic operation	159.45" (4050 mm)	
in single cut operation	196.85" (5000 mm)	

Block bandsawing installation basing on machine type *KASTObbs U 4x16* with 196.85" (5000 mm) table length to treat plates with the following dimensions:

Max. length of plate	161.42 in.	4100 mm
Min. length of plate	78.74 in.	2000 mm
Max. width of plate	106.30 in.	2700 mm
Max. height of plate	9.84 in.	250 mm
Min. height of plate	0.79 in.	20 mm
Shortest remnant length in automatic operation	0.39 in.	10 mm
Min. remnant length	1.97 in.	50 mm

### Dimensions of the machine

Length of the complete installation approx.	348.43 in.	8850 mm
Width protecting cap closed approx.	273.62 in.	6950 mm
Width protecting cap opened approx.	339.02 in.	8611 mm
Height without laser approx.	140 in.	3556 mm
Height with laser approx.	168.90 in.	4290 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	35,200 lbs.	16000 kg

### Cutting length 202.76" (5150 mm) in automatic operation, 236.22" (6000 mm) in single cut operation

Supporting surface of front table (length x width)	236.22 x 118.11 in.	6000 x 3000 mm
Usable in automatic operation	198.82 x 106.30 in.	5050 x 2700 mm
Carrying capacity of front table	105,820 lbs.	48 t
Cutting height single cut operation	18.11 in.	460 mm
Cutting height automatic operation	9.84 in.	250 mm
Cutting depth single cut operation	62.99 in.	1600 mm
Cutting depth automatic operation	61.02 in.	1550 mm
Max. cutting length		
in automatic operation	198.82 in.	5050 mm
in single cut operation	236.22 in.	6000 mm

Block bandsawing installation based on machine type *KASTObbs U 4x16* with 236.22" (6000 mm) table length to treat plates with the following dimensions:

Max. length of plate	198.82 in.	5050 mm
Min. length of plate	78.74 in.	2000 mm
Max. width of plate	106.30 in.	2700 mm
Max. height of plate	9.84 in.	250 mm
Min. height of plate	0.79 in.	20 mm
Shortest remnant length in automatic operation	0.39 in.	10 mm
Min. remnant length	1.97 in.	50 mm

### Dimensions of the machine

Length of the complete installation approx.	387.80 in.	9850 mm
Width protecting cap closed approx.	273.62 in.	6950 mm
Width protecting cap opened approx.	339.02 in.	8611 mm
Height without laser approx.	140.00 in.	3556 mm

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Height with laser approx.	168.90 in.	4290 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	37,400 lbs.	17000 kg

### **Cutting length 242.13" (6150 mm) in automatic operation, 275.59" (7000 mm) in single cut operation**

Supporting surface of front table (length x width)	275.59 x 118.11 in.	7000 x 3000 mm
Usable in automatic operation	240.16 x 106.30 in.	6100 x 2700 mm
Carrying capacity of front table	123,457.60 lbs.	56 t
Cutting height single cut operation	16.54 in.	420 mm
Cutting height automatic operation	9.84 in.	250 mm
Cutting depth single cut operation	62.99 in.	1600 mm
Cutting depth automatic operation	61.02 in.	1550 mm
Max. cutting length		
in automatic operation	240.16 in.	6100 mm
in single cut operation	275.59 in.	7000 mm

Block bandsawing installation basing on machine type KASTObbs U 4x16 with 275.59" (7000 mm) table length to treat plates with the following dimensions:

Max. length of plate	240.16 in.	6100 mm
Min. length of plate	82.68 in.	2100 mm
Max. width of plate	106.30 in.	2700 mm
Max. height of plate	9.84 in.	250 mm
Min. height of plate	0.79 in.	20 mm
Shortest remnant length in automatic operation	0.39 in.	10 mm
Min. remnant length	1.97 in.	50 mm

### **Dimensions of the machine**

Length of the complete installation approx.	427.17 in.	10850 mm
Width protecting cap closed approx.	273.62 in.	6950 mm
Width protecting cap opened approx.	339.02 in.	8611 mm
Height without laser approx.	140 in.	3556 mm
Height with laser approx.	168.90 in.	4290 mm
Height of table support approx.	5.91 in.	1550 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	44,000 lbs.	20000 kg

### **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

### Technical Data Sheet KASTObbs U 3x6

Power	4.62/7.92 HP	3.5/6.0 kW
Cutting speed infinitely variable	39.36 – 426.40 ft/min	12 - 130 m/min
Dimensions of saw blade	208.27 x 0.16 x 0.05 in.	5290 x 41 x 1.3 mm
Or	208.27 x 2.13 x 0.05 in.	5290 x 54 x 1.3 mm
Saw feed infinitely variable	0.02 – 9.84 in/min	0.5 - 250 mm/min

#### Cutting length 78.74 in. (2000 mm)

Supporting surface of front table (length x width)	82.68 x 47.24 in.	2100 x 1200 mm
Carrying capacity of front table	17,636.80 lbs.	8 t
Supporting surface of back table (length x width)	82.68 x 25.98 in.	2100 x 660 mm
Cutting height without <i>BandControl</i>	16.54 in.	420 mm
Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length	78.74 in.	2000 mm
Cutting depth (without measuring stops)	24.98 in.	660 mm

#### Dimensions of the machine with cutting length 78.74 in. (2000 mm)

Length incl. chip conveyor	219.88 in.	5585 mm
Width with protecting cap closed	117.91 in.	2995 mm
Width with protecting cap opened (exchange of blade)	141.14 in.	3585 mm
Height without laser approx.	108.27 in.	2750 mm
Height with laser approx.	131.89 in.	3350 mm
Height of table support	50.59 in.	1285 mm
Weight of saw unit approx.	5500 lbs.	2500 kg
Weight of material supporting tables approx.	19.69 lbs.	4500 kg

#### Cutting length 118.11 in. (3000 mm)

Supporting surface of front table (length x width)	122.05 x 47.24 in.	3100 x 1200 mm
Carrying capacity of front table	26,455.20 lbs.	12 t
Supporting surface of back table (length x width)	122.05 x 25.98 in.	3100 x 660 mm
Cutting height without <i>BandControl</i>	16.54 in.	420 mm
Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length	118.11 in.	3000 mm
Cutting depth (without measuring stops)	25.98 in.	660 mm

#### Dimensions of the machine with cutting length 118.11 in. (3000 mm)

Length incl. chip conveyor	259.25 in.	6585 mm
Width with protecting cap closed	117.91 in.	2995 mm
Width with protecting cap opened (exchange of blade)	141.14 in.	3585 mm

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Height without laser approx.	108.27 in.	2750 mm
Height with laser approx.	131.89 in.	3350 mm
Height of table support	50.59 in.	1285 mm
Weight of saw unit approx.	5500 lbs.	2500 kg
Weight of material supporting tables approx.	12,100 lbs.	5500 kg

### **Cutting length 157.48 in. (4000 mm)**

Supporting surface of front table (length x width)	161.42 x 47.24 in.	4100 x 1200 mm
Carrying capacity of front table	35,273.60 lbs.	16 t
Supporting surface of back table (length x width)	161.42 x 25.98 in.	4100 x 660 mm
Cutting height without <i>BandControl</i>	16.54 in.	420 mm
Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length	157.49 in.	4000 mm
Cutting depth (without measuring stops)	25.98 in.	660 mm

### **Dimensions of the machine with cutting length 157.48 in. (4000 mm)**

Length incl. chip conveyor	298.62 in.	7585 mm
Width with protecting cap closed	117.91 in.	2995 mm
Width with protecting cap opened (exchange of blade)	141.14 in.	3585 mm
Height without laser approx.	108.27 in.	2750 mm
Height with laser approx.	131.89 in.	3350 mm
Height of table support	50.59 in.	1285 mm
Weight of saw unit approx.	5500 lbs.	2500 kg
Weight of material supporting tables approx.	14,300 lbs.	6500 kg

### **Cutting length 196.85 in. (5000 mm)**

Supporting surface of front table (length x width)	200.79 x 47.24 in.	5100 x 1200 mm
Carrying capacity of front table	44,092 lbs.	20 t
Supporting surface of back table (length x width)	200.79 in.	5100 x 660 mm
Cutting height without <i>BandControl</i>	15.75 in.	400 mm
Cutting height with <i>BandControl</i>	13.39 in.	340 mm
Max. cutting length	196.85 in.	5000 mm
Cutting depth (without measuring stops)	25.98 in.	660 mm

### **Dimensions of the machine with cutting length 196.85 in. (5000 mm)**

Length incl. chip conveyor	337.99 in.	8585 mm
Width with protecting cap closed	117.91 in.	2995 mm
Width with protecting cap opened (exchange of blade)	141.14 in.	3585 mm
Height without laser approx.	108.27 in.	2750 mm
Height with laser approx.	131.89 in.	3350 mm
Height of table support	50.59 in.	1285 mm
Weight of saw unit approx.	5500 lbs.	2500 kg
Weight of material supporting tables approx.	17,600 lbs.	8000 kg

### **Cutting length 236.22 in. (6000 mm)**

Supporting surface of front table (length x width)	240.16 x 47.24 in.	6100 x 1200 mm
Carrying capacity of front table	52,910.40 lbs.	24 t
Supporting surface of back table (length x width)	240.16 x 25.98 in.	6100 x 660 mm
Cutting height without <i>BandControl</i>	15.75 in.	400 mm
Cutting height with <i>BandControl</i>	13.39 in.	340 mm
Max. cutting length	236.22 in.	6000 mm
Cutting depth (without measuring stops)	25.98 in.	660 mm

### **Dimensions of the machine with cutting length 236.22 in. (6000 mm)**

Length incl. chip conveyor	377.36 in.	9585 mm
Width with protecting cap closed	117.91 in.	2995 mm

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Width with protecting cap opened (exchange of blade)	141.14 in.	3585 mm
Height without laser approx.	108.27 in.	2750 mm
Height with laser approx.	131.89 in.	3350 mm
Height of table support	50.59 in.	1285 mm
Weight of saw unit approx.	5500 lbs.	2500 kg
Weight of material supporting tables approx.	20,900 lbs.	9500 kg

### 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/VE 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

## Technical Data Sheet KASTObbs U 3x20

Power	9.90 HP	7.5 Kw
Cutting speed infinitely variable	45.92 – 246 ft/min	14 – 75 m/min
Dimensions of saw blade	341.34 x 1.61 x 0.05 in.	8670 x 41 x 1.3 mm
Or	341.34 x 2.13 x 0.05 in.	8670 x 54 x 1.3 mm
Saw feed infinitely variable	0.02 – 9.84 in./min	0.5 – 250 mm/min

### Cutting length 118.11in. (3000 mm)

Supporting surface of front table (length x width)	118.11 x 78.74 in.	3000 x 2000 mm
Carrying capacity of front table	57,319.60 lbs.	26 t
Supporting surface of back table (length x width)	118.11 x 81.10 in.	3000 x 2060 mm
Cutting height without <i>BandControl</i>	16.54 in.	420 mm
Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length	118.11 in.	3000 mm
Cutting depth (without measuring stops)	81.10 in.	2060 mm

### Dimensions of the machine with cutting length 118.11in. (3000 mm)

Length incl. chip conveyor approx.	269.69 in.	6850 mm
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Width protecting cap closed approx.	224.02 in.	5690 mm
Width protecting cap opened (exchange of blade) app.	277.95 in.	7060 mm
Height without laser approx.	126.57 in.	3215 mm
Height with laser approx.	146.26 in.	3715 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	13,200 lbs.	6000 kg
Weight of material supporting tables approx.	23,100 lbs.	10500 kg

### **Cutting length 157.48in. (4000 mm)**

Supporting surface of front table (length x width)	157.48 x 78.74 in.	4000 x 2000 mm
Carrying capacity of front table	70,547.20 lbs.	32 t
Supporting surface of back table (length x width)	157.48 x 81.10 in.	4000 x 2060 mm
Cutting height without <i>BandControl</i>	16.54 in.	420 mm
Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length	157.48 in.	4000 mm
Cutting depth (without measuring stops)	81.10 in.	2060 mm

### **Dimensions of the machine with cutting length 157.48in. (4000 mm)**

Length incl. chip conveyor approx.	309.06 in.	7850 mm
Width protecting cap closed approx.	224.02 in.	5690 mm
Width protecting cap opened (exchange of blade) app.	277.95 in.	7060 mm
Height without laser approx.	126.57 in.	3215 mm
Height with laser approx.	146.26 in.	3715 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	13,200 lbs.	6000 kg
Weight of material supporting tables approx.	27,500 lbs.	12500 kg

### **Cutting length 196.85in. (5000 mm)**

Supporting surface of front table (length x width)	196.85 x 78.74 in.	5000 x 2000 mm
Carrying capacity of front table	88,184 lbs.	40 t
Supporting surface of back table (length x width)	196.85 x 81.10 in.	5000 x 2060 mm
Cutting height without <i>BandControl</i>	16.54 in.	420 mm
Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length	196.85 ft	5000 mm
Cutting depth (without measuring stops)	81.10 in.	2060 mm

### **Dimensions of the machine with cutting length 196.85in. (5000 mm)**

Length incl. chip conveyor approx.	348.43 in.	8850 mm
Width protecting cap closed approx.	224.02 in.	5690 mm
Width protecting cap opened (exchange of blade) app.	277.95 in.	7060 mm
Height without laser approx.	126.57 in.	3215 mm
Height with laser approx.	146.26 in.	3715 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	13,200 lbs.	6000 kg
Weight of material supporting tables approx.	31,900 lbs.	14500 kg

### **Cutting length 236.22in. (6000 mm)**

Supporting surface of front table (length x width)	236.22 x 78.74 in.	6000 x 2000 mm
Carrying capacity of front table	105,820.80 lbs.	48 t
Supporting surface of back table (length x width)	236.22 x 81.10 in.	6000 x 2060 mm
Cutting height without <i>BandControl</i>	16.54 in.	420 mm
Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length	236.22 in.	6000 mm
Cutting depth (without measuring stops)	81.10 in.	2060 mm

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### Dimensions of the machine with cutting length 236.22in. (6000 mm)

Length incl. chip conveyor approx.	387.80 in.	9850 mm
Width protecting cap closed approx.	224.02 in.	5690 mm
Width protecting cap opened (exchange of blade) app.	277.95 in.	7060 mm
Height without laser approx.	126.57 in.	3215 mm
Height with laser approx.	146.26 in.	3715 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	13,200 lbs.	6000 kg
Weight of material supporting tables approx.	36,300 lbs.	16500 kg

### Cutting length 275.59in. (7000 mm)

Supporting surface of front table (length x width)	275.59 x 78.74 in.	7000 x 2000 mm
Carrying capacity of front table	123,457.60 lbs.	56 t
Supporting surface of back table (length x width)	275.59 x 81.10 in.	7000 x 2060 mm
Cutting height without <i>BandControl</i>	16.54 in.	420 mm
Cutting height with <i>BandControl</i>	14.17 in.	360 mm
Max. cutting length	275.59 in.	7000 mm
Cutting depth (without measuring stops)	81.10 in.	2060 mm

### Dimensions of the machine with cutting length 275.59in. (7000 mm)

Length incl. chip conveyor approx.	427.17 in.	10850 mm
Width protecting cap closed approx.	224.02 in.	5690 mm
Width protecting cap opened (exchange of blade) app.	277.95 in.	7060 mm
Height without laser approx.	126.57 in.	3215 mm
Height with laser approx.	146.26 in.	3715 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	13,200 lbs.	6000 kg
Weight of material supporting tables approx.	40,700 lbs.	18500 kg

### **Energy supply:**

Mains voltage: In accordance with EN 60204  
220/440 V three-phase current (-10 %, +6 %)  
Control voltage 24 V-DC  
The customer is 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.

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

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### Technical Data Sheet KASTObbs U 4x16

Power	9.90	HP	7.5	kW
Cutting speed infinitely variable	45.92 – 256	ft/min	14 – 75	m/min
Dimensions of saw blade	328.74 x 2.13 x 0.06	in.	8331 x 54 x 1.6	mm
Or	328.74 x 2.64 x 0.06	in.	8331 x 67 x 1.6	mm
Saw feed infinitely variable	1.64 - 820	ft/min	0.5 – 250	m/min

#### **Cutting length 118.11 inches (3000 mm):**

Supporting surface of front table (length x width)	118.11 x 59.06	in.	3000 x 1500	mm
Carrying capacity of front table	52,910.40	lbs.	24	t
Supporting surface of back table (length x width)	118.11 x 65.35	in.	3000 x 1660	mm
Cutting height without <i>BandControl</i>	20.47	in.	520	mm
Cutting height with <i>BandControl</i>	18.11	in.	460	mm
Max. cutting length	118.11	in.	3000	mm
Cutting depth (without measuring stops)	65.35	in.	1660	mm

#### **Dimensions of the machine with cutting length 118.11 inches (3000 mm):**

Length incl. chip conveyor approx.	269.69	in.	6850	mm
Width protecting cap closed approx.	196.85	in.	5000	mm
Width protecting cap opened (exchange of blade) approx.	250.39	in.	6360	mm
Height without laser approx.	139.60	in.	3490	mm
Height with laser approx.	155.91	in.	3960	mm
Height of table support approx.	61.02	in.	1550	mm
Weight of saw unit approx.	12,100	lbs.	5500	kg
Weight of material supporting tables approx.	20,900	lbs.	9500	kg

#### **Cutting length 157.48 inches (4000 mm):**

Supporting surface of front table (length x width)	157.48 x 59.06	in.	4000 x 1500	mm
Carrying capacity of front table	70547.2	lbs.	32	t
Supporting surface of back table (length x width)	157.48 x 25.98	in.	4000 x 1660	mm
Cutting height without <i>BandControl</i>	20.47	in.	520	mm
Cutting height with <i>BandControl</i>	18.11	in.	460	mm
Max. cutting length	157.48	in.	4000	mm
Cutting depth (without measuring stops)	65.35	in.	1660	mm

#### **Dimensions of the machine with cutting length 157.48 inches (4000 mm):**

Length incl. chip conveyor approx.	309.06	in.	7850	mm
Width protecting cap closed approx.	196.85	in.	5000	mm
Width protecting cap opened (exchange of blade) approx.	250.39	in.	6360	mm
Height without laser approx.	137.40	in.	3490	mm
Height with laser approx.	155.91	in.	3960	mm
Height of table support approx.	61.02	in.	1550	mm
Weight of saw unit approx.	12,100	lbs.	5500	kg
Weight of material supporting tables approx.	23,100	lbs.	10500	kg

#### **Cutting length 196.85 inches (5000 mm):**

Supporting surface of front table (length x width)	196.85 x 59.06	in.	5000 x 1500	mm
Carrying capacity of front table	88,184	lbs.	40	t
Supporting surface of back table (length x width)	196.85 x 65.35	in.	5000 x 1660	mm
Cutting height without <i>BandControl</i>	20.47	in.	520	mm
Cutting height with <i>BandControl</i>	18.11	in.	460	mm
Max. cutting length	196.85	in.	5000	mm
Cutting depth (without measuring stops)	65.35	in.	1660	mm

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### Dimensions of the machine with cutting length 196.85 inches (5000 mm):

Length incl. chip conveyor approx.	348.43 in.	8850 mm
Width protecting cap closed approx.	196.85 in.	5000 mm
Width protecting cap opened (exchange of blade) approx.	250.39 in.	6360 mm
Height without laser approx.	137.40 in.	3490 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	25,740 lbs.	11700 kg

### Cutting length 236.22 inches (6000 mm):

Supporting surface of front table (length x width)	236.22 x 59.06 in.	6000 x 1500 mm
Carrying capacity of front table	105,820.80 lbs.	48 t
Supporting surface of back table (length x width)	236.22 x 65.35 in.	6000 x 1660 mm
Cutting height without <i>BandControl</i>	20.47 in.	520 mm
Cutting height with <i>BandControl</i>	18.11 in.	460 mm
Max. cutting length	236.22 in.	6000 mm
Cutting depth (without measuring stops)	65.35 in.	1660 mm

### Dimensions of the machine with cutting length 236.22 inches (6000 mm):

Length incl. chip conveyor approx.	387.80 in.	9850 mm
Width protecting cap closed approx.	196.85 in.	5000 mm
Width protecting cap opened (exchange of blade) approx.	250.39 in.	6360 mm
Height without laser approx.	137.40 in.	3490 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	29,040 lbs.	13200 kg

### Cutting length 275.59 inches (7000 mm):

Supporting surface of front table (length x width)	275.59 x 59.06 in.	7000 x 1500 mm
Carrying capacity of front table	123,457.60 lbs.	56 t
Supporting surface of back table (length x width)	275.59 x 65.35 in.	7000 x 1660 mm
Cutting height without <i>BandControl</i>	20.47 in.	520 mm
Cutting height with <i>BandControl</i>	18.11 in.	460 mm
Max. cutting length	275.59 in.	7000 mm
Cutting depth (without measuring stops)	65.35 in.	1660 mm

### Dimensions of the machine with cutting length 275.59 inches (7000 mm):

Length incl. chip conveyor approx.	427.17 in.	10850 mm
Width protecting cap closed approx.	196.85 in.	5000 mm
Width protecting cap opened (exchange of blade) approx.	250.39 in.	6360 mm
Height without laser approx.	137.40 in.	3490 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	59.06 in.	1550 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	32,340 lbs.	14700 kg

### 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 %)

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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

### Technical Data Sheet KASTObbs U 5x10

Power	9.90 HP	7.5 kW
Cutting speed infinitely variable	45.92 – 246 ft./min	14 – 75 m/min
Dimensions of saw blade	292.91 x 2.13 x 0.06 in.	7440 x 54 x 1.6 mm
Or	292.91 x 2.64 x 0.06 in.	7440 x 67 x 1.6 mm
Saw feed infinitely variable	0.02 – 9.84 in./min	0.5 – 250 mm/min

#### **Cutting length 118.11 in. (3000 mm)**

Supporting surface of front table (length x width)	118.11 x 59.06 in.	3000 x 1500 mm
Carrying capacity of front table	52,910.40 lbs.	24 t
Supporting surface of back table (length x width)	118.11 x 43.31 in.	3000 x 1100 mm
Cutting height without <i>BandControl</i>	24.41 in.	620 mm
Cutting height with <i>BandControl</i>	22.05 in.	560 mm
Max. cutting length	118.11 in.	3000 mm
Cutting depth (without measuring stops)	41.73 in.	1060 mm

#### **Dimensions of the machine with cutting length 118.11 in. (3000 mm)**

Length incl. chip conveyor approx.	261.81 in.	6650 mm
Width protecting cap closed approx.	150.79 in.	3830 mm
Width protecting cap opened (exchange of blade) app.	197.24 in.	5010 mm
Height without laser approx.	142.52 in.	3620 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	52.76 in.	1340 mm
Weight of saw unit approx.	11,000 lbs.	5000 kg
Weight of material supporting tables approx.	19,800 lbs.	9000 kg

#### **Cutting length 157.48 in. (4000 mm)**

Supporting surface of front table (length x width)	157.48 x 59.06 in.	4000 x 1500 mm
Carrying capacity of front table	70,547.20 lbs.	32 t
Supporting surface of back table (length x width)	157.48 x 43.31 in.	4000 x 1100 mm
Cutting height without <i>BandControl</i>	24.41 in.	620 mm
Cutting height with <i>BandControl</i>	22.05 in.	560 mm
Max. cutting length	157.48 in.	4000 mm
Cutting depth (without measuring stops)	41.73 in.	1060 mm

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### Dimensions of the machine with cutting length 157.48 in. (4000 mm)

Length incl. chip conveyor approx.	301.18 in.	7650 mm
Width protecting cap closed approx.	150.79 in.	3830 mm
Width protecting cap opened (exchange of blade) app.	197.24 in.	5010 mm
Height without laser approx.	142.52 in.	3620 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	52.76 in.	1340 mm
Weight of saw unit approx.	11,000 lbs.	5000 kg
Weight of material supporting tables approx.	21,340 lbs.	9700 kg

### Cutting length 196.85 in. (5000 mm)

Supporting surface of front table (length x width)	196.85 x 59.06 in.	5000 x 1500 mm
Carrying capacity of front table	88,184 lbs.	40 t
Supporting surface of back table (length x width)	196.85 x 43.31 in.	5000 x 1100 mm
Cutting height without <i>BandControl</i>	24.41 in.	620 mm
Cutting height with <i>BandControl</i>	22.05 in.	560 mm
Max. cutting length	196.85 in.	5000 mm
Cutting depth (without measuring stops)	41.73 in.	1060 mm

### Dimensions of the machine with cutting length 196.85 in. (5000 mm)

Length incl. chip conveyor approx.	340.55 in.	8650 mm
Width protecting cap closed approx.	150.79 in.	3830 mm
Width protecting cap opened (exchange of blade) app.	197.24 in.	5010 mm
Height without laser approx.	142.52 in.	3620 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	52.76 in.	1340 mm
Weight of saw unit approx.	11,000 lbs.	5000 kg
Weight of material supporting tables approx.	24,200 lbs.	11000 kg

### Cutting length 236.22 in. (6000 mm)

Supporting surface of front table (length x width)	236.22 x 59.06 in.	6000 x 1500 mm
Carrying capacity of front table	105,820.80 lbs.	48 t
Supporting surface of back table (length x width)	236.22 x 43.31 in.	6000 x 1100 mm
Cutting height without <i>BandControl</i>	24.41 in.	620 mm
Cutting height with <i>BandControl</i>	22.05 in.	560 mm
Max. cutting length	236.22 in.	6000 mm
Cutting depth (without measuring stops)	41.73 in.	1060 mm

### Dimensions of the machine with cutting length 236.22 in. (6000 mm)

Length incl. chip conveyor approx.	379.92 in.	9650 mm
Width protecting cap closed approx.	150.79 in.	3830 mm
Width protecting cap opened (exchange of blade) app.	197.24 in.	5010 mm
Height without laser approx.	142.52 in.	3620 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	52.76 in.	1340 mm
Weight of saw unit approx.	11,000 lbs.	(5000 kg
Weight of material supporting tables approx.	27,500 lbs.	12500 kg

### Energy supply:

Mains voltage:

In accordance with VDE standards

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 %)

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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

### **Technical Data Sheet KASTObbs U 6x16**

Power	9.90 HP	7.5 kW
Cutting speed infinitely variable	45.92 - 246 ft/min	14 – 75 m/min
Dimensions of saw blade	328.74 x 2.13 x 0.06 in.	8350 x 54 x 1.6 mm
Or	318.74 x 2.64 x 0.06 in.	8350 x 67 x 1.6 mm
Saw feed infinitely variable	0.02 – 9.84 in/min	0.5 – 250 mm/min

#### **Cutting length 118.11 in. (3000 mm)**

Supporting surface of front table (length x width)	118.11 x 59.06 in.	3000 x 1500 mm
Carrying capacity of front table	52910 lbs.	24 t
Supporting surface of back table (length x width)	118.11 x 65.35 in.	3000 x 1660 mm
Cutting height without <i>BandControl</i>	28.35 in.	720 mm
Cutting height with <i>BandControl</i>	24.98 in.	660 mm
Max. cutting length	118.11 in.	3000 mm
Cutting depth (without measuring stops)	65.35 in.	1660 mm

#### **Dimensions of the machine with cutting length 11.81 in. (3000 mm)**

Length incl. chip conveyor approx.	269.69 in.	6850 mm
Width protecting cap closed approx.	196.85 in.	5000 mm
Width protecting cap opened (exchange of blade) approx.	250.39 in.	6360 mm
Height without laser approx.	137.40 in.	3490 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	20,900 lbs.	9500 kg

#### **Cutting length 157.48 in. (4000 mm)**

Supporting surface of front table (length x width)	157.48 x 59.06 in.	4000 x 1500 mm
Carrying capacity of front table	70,547.20 lbs.	32 t
Supporting surface of back table (length x width)	157.48 x 65.35 in.	4000 x 1660 mm
Cutting height without <i>BandControl</i>	28.35 in.	720 mm
Cutting height with <i>BandControl</i>	24.98 in.	660 mm
Max. cutting length	157.48 in.	4000 mm
Cutting depth (without measuring stops)	65.35 in.	1660 mm

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### **Dimensions of the machine with cutting length 157.48 in. (4000 mm)**

Length incl. chip conveyor approx.	309.06 in.	7850 mm
Width protecting cap closed approx.	196.85 in.	5000 mm
Width protecting cap opened (exchange of blade) approx.	250.39 in.	6360 mm
Height without laser approx.	137.40 in.	3490 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	23,100 lbs.	10500 kg

### **Cutting length 196.85 in. (5000 mm)**

Supporting surface of front table (length x width)	196.85 x 59.06 in.	5000 x 1500 mm
Carrying capacity of front table	88,184 lbs.	40 t
Supporting surface of back table (length x width)	196.85 x 65.35 in.	5000 x 1660 mm
Cutting height without <i>BandControl</i>	28.35 in.	720 mm
Cutting height with <i>BandControl</i>	25.98 in.	660 mm
Max. cutting length	196.85 in.	5000 mm
Cutting depth (without measuring stops)	65.35 in.	1660 mm

### **Dimensions of the machine with cutting length 196.85 in. (5000 mm)**

Length incl. chip conveyor approx.	348.43 in.	8850 mm
Width protecting cap closed approx.	196.85 in.	5000 mm
Width protecting cap opened (exchange of blade) approx.	250.39 in.	6360 mm
Height without laser approx.	137.40 in.	3490 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	25,740 lbs.	11700 kg

### **Cutting length 240.10 in. (6100 mm)**

Supporting surface of front table (length x width)	240.10 x 59.06 in.	6100 x 1500 mm
Carrying capacity of front table	105,820 lbs.	48 t
Supporting surface of back table (length x width)	240.10 x 65.35 in.	6100 x 1660 mm
Cutting height without <i>BandControl</i>	28.35 in.	720 mm
Cutting height with <i>BandControl</i>	25.98 in.	660 mm
Max. cutting length	240.10 in.	6100 mm
Cutting depth (without measuring stops)	65.35 in.	1660 mm

### **Dimensions of the machine with cutting length 240.10 in. (6100 mm)**

Length incl. chip conveyor approx.	387.80 in.	9850 mm
Width protecting cap closed approx.	196.85 in.	5000 mm
Width protecting cap opened (exchange of blade) approx.	250.39 in.	6360 mm
Height without laser approx.	137.40 in.	3490 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	216.54 in.	5500 kg
Weight of material supporting tables approx.	29,040 in.	13200 kg

### **Cutting length 275.59 in. (7000 mm)**

Supporting surface of front table (length x width)	275.59 x 59.06 in.	7000 x 1500 mm
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Carrying capacity of front table	123,457 lbs.	56 t
Supporting surface of back table (length x width)	275.59 x 65.35 in.	7000 x 1660 mm
Cutting height without <i>BandControl</i>	28.35 in.	720 mm
Cutting height with <i>BandControl</i>	25.98 in.	660 mm
Max. cutting length	275.59 in.	7000 mm
Cutting depth (without measuring stops)	65.35 in.	1660 mm

### Dimensions of the machine with cutting length 275.59 in. (7000 mm)

Length incl. chip conveyor approx.	427.17 in.	10850 mm
Width protecting cap closed approx.	196.85 in.	5000 mm
Width protecting cap opened (exchange of blade) approx.	250.39 in.	6360 mm
Height without laser approx.	137.40 in.	3490 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	61.02 in.	1550 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	32,340 lbs.	14700 kg

### **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.

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

### Technical Data Sheet KASTObbs U 8x10

Power	9.9 HP	7.5 kW
Cutting speed infinitely variable	45.92 – 246 ft./min	14 – 75 m/min
Dimensions of saw blade	292.91 x 2.13 x 0.06 in.	7440 x 54 x 1.6 mm
Or	292.91 x 2.64 x 0.06 in.	7440 x 67 x 1.6 mm
Saw feed infinitely variable	0.02 – 9.84 in./min	0.5 – 250 mm/min

### **Cutting length 118.11 in. (3000 mm)**

Supporting surface of front table (length x width)	118.11 x 59.06 in.	3000 x 1500 mm
Carrying capacity of front table	52,910 lbs.	24 t

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Supporting surface of back table (length x width)	118.11 x 43.31 in.	3000 x 1100 mm
Cutting height without <i>BandControl</i>	36.22 in.	920 mm
Cutting height with <i>BandControl</i>	33.86 in.	860 mm
Max. cutting length	118.11 in.	3000 mm
Cutting depth (without measuring stops)	41.73 in.	1060 mm

### Dimensions of the machine with cutting length 118.11 in. (3000 mm)

Length incl. chip conveyor approx.	261.81 in.	6650 mm
Width protecting cap closed approx.	150.79 in.	3830 mm
Width protecting cap opened (exchange of blade) approx.	197.24 in.	5010 mm
Height without laser approx.	142.52 in.	3620 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	52.76 in.	1340 mm
Weight of saw unit approx.	11,000 lbs.	5000 kg
Weight of material supporting tables approx.	19,800 lbs.	9000 kg

### Cutting length 157.48 in. (4000 mm)

Supporting surface of front table (length x width)	157.48 x 59.06 in.	4000 x 1500 mm
Carrying capacity of front table	70,547 lbs.	32 t
Supporting surface of back table (length x width)	157.48 x 43.31 in.	4000 x 1100 mm
Cutting height without <i>BandControl</i>	36.22 in.	920 mm
Cutting height with <i>BandControl</i>	33.86 in.	860 mm
Max. cutting length	157.48 in.	4000 mm
Cutting depth (without measuring stops)	41.73 in.	1060 mm

### Dimensions of the machine with cutting length 147.58 in. (4000 mm)

Length incl. chip conveyor approx.	301.18 in.	7650 mm
Width protecting cap closed approx.	150.79 in.	3830 mm
Width protecting cap opened (exchange of blade) approx.	197.24 in.	5010 mm
Height without laser approx.	142.52 in.	3620 mm
Height with laser approx.	155.91 in.	3960 mm
Height of table support approx.	52.76 in.	1340 mm
Weight of saw unit approx.	11,000 lbs.	5000 kg
Weight of material supporting tables approx.	21,340 lbs.	9700 kg

### Cutting length 196.85 in. (5000 mm)

Supporting surface of front table (length x width)	196.85 x 59.06 in.	5000 x 1500 mm
Carrying capacity of front table	88,184 lbs.	40 t
Supporting surface of back table (length x width)	196.85 x 43.31 in.	5000 x 1100 mm
Cutting height without <i>BandControl</i>	36.22 in.	920 mm
Cutting height with <i>BandControl</i>	33.86 in.	860 mm
Max. cutting length	196.85 in.	5000 mm
Cutting depth (without measuring stops)	41.73 in.	1060 mm

### Dimensions of the machine with cutting length 196.85 in. (5000 mm)

Length incl. chip conveyor approx.	340.55 in.	5000 x 1500 mm
Width protecting cap closed approx.	150.79 in.	40 t
Width protecting cap opened (exchange of blade) approx.	197.24 in.	5000 x 1100 mm
Height without laser approx.	142.52 in.	920 mm
Height with laser approx.	155.91 in.	860 mm
Height of table support approx.	52.76 in.	5000 mm
Weight of saw unit approx.	11,000 lbs.	1060 mm
Weight of material supporting tables approx.	24,200 lbs.	

### Cutting length 236.22 in. (6000 mm)

Supporting surface of front table (length x width)	236.22 x 59.06 in.	6000 x 1500 mm
Carrying capacity of front table	105,820 lbs.	48 t

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Supporting surface of back table (length x width)	236.22 x 43.31	in.	6000 x 1100	mm
Cutting height without <i>BandControl</i>	36.22	in.	920	mm
Cutting height with <i>BandControl</i>	33.86	in.	860	mm
Max. cutting length	236.22	in.	6000	mm
Cutting depth (without measuring stops)	41.73	in.	1060	mm

### Dimensions of the machine with cutting length 236.22 in. (6000 mm)

Length incl. chip conveyor approx.	379.92	in.	9650	mm
Width protecting cap closed approx.	150.79	in.	3830	mm
Width protecting cap opened (exchange of blade) approx.	197.24	in.	5010	mm
Height without laser approx.	142.52	in.	3620	mm
Height with laser approx.	155.91	in.	3960	mm
Height of table support approx.	52.76	in.	1340	mm
Weight of saw unit approx.	11,000	lbs.	5000	kg
Weight of material supporting tables approx.	27,500	lbs.	12500	kg

### 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.

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

## Technical Data Sheet KASTObbs U 8x20

Power	9.90	HP	7.5	kW
Cutting speed infinitely variable	45.92 - 246	ft/min	14 - 75	m/min
Dimensions of saw blade	384.02 x 2.13 x 0.006	in.	9754 x 54 x 1.6	mm
Or	384.02 x 2.64 x 0.006	in.	9754 x 67 x 1.6	mm
Saw feed infinitely variable	0.02 - 9.84	in/min	0.5 - 250	mm/min

### Cutting length 236.22 in. (6000 mm)

Supporting surface of front table (length x width)	236.22 x 78.74	in.	6000 x 2000	mm
Carrying capacity of front table	105,820.80	lbs.	48	t

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Supporting surface of back table (length x width)	236.22 x 81.10 in.	6000 x 2060 mm
Cutting height without <i>BandControl</i>	36.22 in.	920 mm
Cutting height with <i>BandControl</i>	33.86 in.	860 mm
Max. cutting length	236.22 in.	6000 mm
Cutting depth (without measuring stops)	81.10 in.	2060 mm
Dimensions of the machine with cutting length	236.22 in.	6000 mm
Length incl. chip conveyor approx.	387.80 in.	9850 mm
Width protecting cap closed approx.	232.87 in.	5915 mm
Width protecting cap opened (exchange of blade) approx.	288.39 in.	7325 mm
Height without laser approx.	140.16 in.	3560 mm
Height with laser approx.	168.90 in.	4290 mm
Height of table support approx.	21.65 in.	1550 mm
Weight of saw unit approx.	14,300 lbs.	6500 kg
Weight of material supporting tables approx.	32,340 lbs.	14700 kg

### 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.

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

### Technical Data Sheet KASTObbs U 10

Power	9.9 HP	7.5 kW
Cutting speed infinitely variable	45.92 – 246 ft/min	14 - 75 m/min
Dimensions of saw blade	305.98 x 2.13 x 0.06 in.	7772 x 54 x 1.6 mm
Or	305.98 x 2.64 x 0.06 in.	7772 x 67 x 1.6 mm
Saw feed infinitely variable	0.02 – 9.84 in/min	0.5 - 250 mm/min

### Cutting length 118.11 in. (3000 mm)

Supporting surface of front table (length x width)	118.11 x 59.06 in.	3000 x 1500 mm
Carrying capacity of front table	52,910 lbs.	24 t

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Supporting surface of back table (length x width)	118.11 x 43.31 in.	3000 x 1100 mm
Cutting height without <i>BandControl</i>	44.09 in.	1120 mm
Cutting height with <i>BandControl</i>	41.73 in.	1060 mm
Max. cutting length	118.11 in.	3000 mm
Cutting depth (without measuring stops)	41.73 in.	1060 mm

### **Dimensions of the machine with cutting length 118.11 in. (3000 mm)**

Length incl. chip conveyor approx.	261.81 in.	6650 mm
Width protecting cap closed approx.	150.79 in.	3830 mm
Width protecting cap opened (exchange of blade) approx.	197.24 in.	5010 mm
Height without laser approx.	150.39 in.	3820 mm
Height with laser approx.	163.78 in.	4160 mm
Height of table support approx.	52.76 in.	1340 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	19,800 lbs.	9000 kg

### **Cutting length 157.48 in. (4000 mm)**

Supporting surface of front table (length x width)	157.48 x 59.06 in.	4000 x 1500 mm
Carrying capacity of front table	70,547 lbs.	32 t
Supporting surface of back table (length x width)	157.48 x 43.31 in.	4000 x 1100 mm
Cutting height without <i>BandControl</i>	44.09 in.	1120 mm
Cutting height with <i>BandControl</i>	41.73 in.	1060 mm
Max. cutting length	157.48 in.	4000 mm
Cutting depth (without measuring stops)	41.73 in.	1060 mm

### **Dimensions of the machine with cutting length 157.48 in. (4000 mm)**

Length incl. chip conveyor approx.	301.18 in.	7650 mm
Width protecting cap closed approx.	150.79 in.	3830 mm
Width protecting cap opened (exchange of blade) approx.	197.24 in.	5010 mm
Height without laser approx.	150.39 in.	3820 mm
Height with laser approx.	163.78 in.	4160 mm
Height of table support approx.	52.76 in.	1340 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	21,340 lbs.	9700 kg

### **Cutting length 196.85 in. (5000 mm)**

Supporting surface of front table (length x width)	196.85 x 59.06 in.	5000 x 1500 mm
Carrying capacity of front table	88,184 lbs.	40 t
Supporting surface of back table (length x width)	196.85 x 43.31 in.	5000 x 1100 mm
Cutting height without <i>BandControl</i>	44.09 in.	1120 mm
Cutting height with <i>BandControl</i>	41.73 in.	1060 mm
Max. cutting length	196.85 in.	5000 mm
Cutting depth (without measuring stops)	41.73 in.	1060 mm

### **Dimensions of the machine with cutting length 196.85 in. (5000 mm)**

Length incl. chip conveyor approx.	340.55 in.	8650 mm
Width protecting cap closed approx.	150.79 in.	3830 mm
Width protecting cap opened (exchange of blade) approx.	197.24 in.	5010 mm
Height without laser approx.	150.39 in.	3820 mm
Height with laser approx.	163.78 in.	4160 mm
Height of table support approx.	52.76 in.	1340 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	24,200 lbs.	11000 kg

### **Cutting length 236.22 in. (6000 mm)**

Supporting surface of front table (length x width)	236.22 x 59.06 in.	6000 x 1500 mm
Carrying capacity of front table	105,820 lbs.	48 t

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Supporting surface of back table (length x width)	236.22 x 43.31 in.	6000 x 1100 mm
Cutting height without <i>BandControl</i>	44.09 in.	1120 mm
Cutting height with <i>BandControl</i>	41.73 in.	1060 mm
Max. cutting length	236.22 in.	6000 mm
Cutting depth (without measuring stops)	41.73 in.	1060 mm

### **Dimensions of the machine with cutting length 236.22 in. (6000 mm)**

Length incl. chip conveyor approx.	379.92 in.	9650 mm
Width protecting cap closed approx.	150.79 in.	3830 mm
Width protecting cap opened (exchange of blade) approx.	197.24 in.	5010 mm
Height without laser approx.	150.39 in.	3820 mm
Height with laser approx.	163.78 in.	4160 mm
Height of table support approx.	52.76 in.	1340 mm
Weight of saw unit approx.	12,100 lbs.	5500 kg
Weight of material supporting tables approx.	27,500 lbs.	12500 kg

### **Energy supply:**

Mains voltage: In accordance with VDE standards  
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.

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

## **Technical Data Sheet KASTObbs U 12x15**

Power	7.26/10.56 HP	5.5/8.0 kW
Cutting speed infinitely variable	26.24 – 262.40 ft./min	8 - 80 m/min
Dimensions of saw blade	403.94 x 2.64 x 0.06 in.	10260 x 67 x 1.6 mm
Or	403.94 x 3.15 x 0.06 in.	10260 x 80 x 1.6 mm
Saw feed infinitely variable	0.02 – 9.84 in./min	0.5 - 250 mm/min

### **Cutting length 118.11 in. (3000 mm)**

Supporting surface of front table (length x width)	118.11 x 78.74 in.	3000 x 2000 mm
Carrying capacity of front table	110,230 lbs.	50 t
Supporting surface of back table (length x width)	118.11 x 61.42 in.	3000 x 1560 mm
Cutting height without <i>BandControl</i>	51.97 in.	1320 mm

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Cutting height with <i>BandControl</i>	49.61 in.	1260 mm
Max. cutting length	118.11 in.	3000 mm
Cutting depth (without measuring stops)	61.42 in.	1560 mm

### **Dimensions of the machine with cutting length 118.11 in. (3000 mm)**

Length incl. chip conveyor approx.	275.59 in.	7000 mm
Width protecting cap closed approx.	203.94 in.	5180 mm
Width protecting cap opened (exchange of blade) approx.	248.62 in.	6315 mm
Height approx.	207.28 in.	5265 mm
Height of table support approx.	67.32 in.	1710 mm
Weight of saw unit approx.	178.20 lbs.	8100 kg
Weight of material supporting tables approx.	40,700 lbs.	18500 kg

### **Cutting length 157.48 in. (4000 mm)**

Supporting surface of front table (length x width)	157.48 x 78.74 in.	4000 x 2000 mm
Carrying capacity of front table	132,276 lbs.	60 t
Supporting surface of back table (length x width)	157.48 x 61.42 in.	4000 x 1560 mm
Cutting height without <i>BandControl</i>	51.97 in.	1320 mm
Cutting height with <i>BandControl</i>	49.61 in.	1260 mm
Max. cutting length	157.48 in.	4000 mm
Cutting depth (without measuring stops)	61.42 in.	1560 mm

### **Dimensions of the machine with cutting length 157.48 in. (4000 mm)**

Length incl. chip conveyor approx.	314.96 in.	8000 mm
Width protecting cap closed approx.	203.94 in.	5180 mm
Width protecting cap opened (exchange of blade) approx.	248.62 in.	6315 mm
Height approx.	207.28 in.	5265 mm
Height of table support approx.	67.32 in.	1710 mm
Weight of saw unit approx.	17,820 lbs.	8100 kg
Weight of material supporting tables approx.	44,000 lbs.	20000 kg

### **Cutting length 196.85 in. (5000 mm)**

Supporting surface of front table (length x width)	196.85 x 78.74 in.	5000 x 2000 mm
Carrying capacity of front table	154,322 lbs.	70 t
Supporting surface of back table (length x width)	196.85 x 61.42 in.	5000 x 1560 mm
Cutting height without <i>BandControl</i>	51.96 in.	1320 mm
Cutting height with <i>BandControl</i>	49.61 in.	1260 mm
Max. cutting length	196.85 in.	5000 mm
Cutting depth (without measuring stops)	61.42 in.	1560 mm

### **Dimensions of the machine with cutting length 196.85 in. (5000 mm)**

Length incl. chip conveyor approx.	354.33 in.	9000 mm
Width protecting cap closed approx.	203.94 in.	5180 mm
Width protecting cap opened (exchange of blade) approx.	248.62 in.	6315 mm
Height approx.	207.28 in.	5265 mm
Height of table support approx.	67.32 in.	1710 mm
Weight of saw unit approx.	17,820 lbs.	8100 kg
Weight of material supporting tables approx.	47,300 lbs.	21500 kg

### **Cutting length 236.22 in. (6000 mm)**

Supporting surface of front table (length x width)	236.22 x 78.74 in.	6000 x 2000 mm
Carrying capacity of front table	176,368 lbs.	80 t
Supporting surface of back table (length x width)	236.22 x 61.42 in.	6000 x 1560 mm
Cutting height without <i>BandControl</i>	51.96 in.	1320 mm
Cutting height with <i>BandControl</i>	49.61 in.	1260 mm
Max. cutting length	236.22 in.	6000 mm
Cutting depth (without measuring stops)	61.42 in.	1560 mm

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### Dimensions of the machine with cutting length 236.22 in. (6000 mm)

Length incl. chip conveyor approx.	393.70 in.	10000 mm
Width protecting cap closed approx.	203.94 in.	(5180 mm)
Width protecting cap opened (exchange of blade) approx.	248.62 in.	(6315 mm)
Height approx.	207.28 in.	(5265 mm)
Height of table support approx.	67.32 in.	(1710 mm)
Weight of saw unit approx.	17,820 lbs.	(8100 kg)
Weight of material supporting tables approx.	50,820 lbs.	(23100 kg)

### Cutting length 275.59 in. (7000 mm)

Supporting surface of front table (length x width)	275.59 x 78.74 in.	7000 x 2000 mm
Carrying capacity of front table	176,368 lbs.	(80 t)
Supporting surface of back table (length x width)	275.59 x 61.42 in.	7000 x 1560 mm
Cutting height without <i>BandControl</i>	51.96 in.	1320 mm
Cutting height with <i>BandControl</i>	49.61 in.	1260 mm
Max. cutting length	275.59 in.	7000 mm
Cutting depth (without measuring stops)	61.42 in.	1560 mm

### Dimensions of the machine with cutting length 275.59 in. (7000 mm)

Length incl. chip conveyor approx.	433.07 in.	11000 mm
Width protecting cap closed approx.	203.94 in.	5180 mm
Width protecting cap opened (exchange of blade) approx.	248.62 in.	6315 mm
Height approx.	207.28 in.	5265 mm
Height of table support approx.	67.32 in.	1710 mm
Weight of saw unit approx.	17,820 lbs.	8100 kg
Weight of material supporting tables approx.	53,900 lbs.	24500 kg

### **Energy supply:**

Mains voltage: In accordance with VDE standards  
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.

Mains frequency: On request other voltages for an extra charge  
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.

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

## 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](mailto:sales@kastoinc.com)



### Technical Data Sheet KASTObbs U 18x15

Power	7.26/13.20 HP	5.5/10.0 kW
Cutting speed infinitely variable	26.24 – 262.40 ft./min	8 - 80 m/min
Dimensions of saw blade	450 x 4.92 x 0.08 in.	11430 x 125 x 2.0 mm
Or	450 x 3.94 x 0.08 in.	11430 x 100 x 2.0 mm
Saw feed infinitely variable	0.02 – 9.84 in./min	0.5 - 250 mm/min

#### Cutting length 118.11" (3000 mm)

Supporting surface of front table (length x width)	118.11 x 78.74 in.	3000 x 2000 mm
Carrying capacity of front table	154,322 lbs.	70 t
Supporting surface of back table (length x width)	118.11 x 61.42 in.	3000 x 1560 mm
Max. carrying capacity of back table approx. with lumped load and a deflection of approx. 0.20" (5 mm) in the middle of the table.	70,547.20 lbs.	32 t
Cutting height without <i>BandControl</i>	75.59 in.	1920 mm
Cutting height with <i>BandControl</i>	73.23 in.	1860 mm
Blade guide in lowest position	19.69 in.	500 mm
Max. cutting length	118.11 in.	3000 mm
Cutting depth (without measuring stops)	61.42 in.	1560 mm

#### Dimensions of the machine with cutting length 118.11" (3000 mm)

Length incl. chip conveyor approx.	301.18 in.	7650 mm
Width protecting cap closed approx.	214.57 in.	5450 mm
Width protecting cap opened (exchange of blade) approx.	262.20 in.	6660 mm
Height approx.	253.94 in.	6450 mm
Height of table support approx.	67.32 in.	1710 mm
Weight of saw unit approx.	26,400 lbs.	12000 kg
Weight of material supporting tables approx.	40,700 lbs.	18500 kg

Subject to technical modifications.

#### Cutting length 157.48" (4000 mm)

Supporting surface of front table (length x width)	157.48 x 78.74 in.	4000 x 2000 mm
Carrying capacity of front table	198,414 lbs.	90 t
Supporting surface of back table (length x width)	157.48 x 61.42 in.	4000 x 1560 mm
Max. carrying capacity of back table approx. with lumped load and a deflection of approx. in the middle of the table.	70,547.20 lbs. 0.20 in.	32 t 5 mm
Cutting height without <i>BandControl</i>	75.59 in.	1920 mm
Cutting height with <i>BandControl</i>	73.23 in.	1860 mm
Blade guide in lowest position	19.69 in.	500 mm
Max. cutting length	157.48 in.	4000 mm
Cutting depth (without measuring stops)	61.42 in.	1560 mm

#### Dimensions of the machine with cutting length 157.48" (4000 mm)

Length incl. chip conveyor approx.	340.55 in.	8650 mm
Width protecting cap closed approx.	214.57 in.	5450 mm
Width protecting cap opened (exchange of blade) approx.	262.20 in.	6660 mm
Height approx.	253.94 in.	6450 mm
Height of table support approx.	67.32 in.	1710 mm
Weight of saw unit approx.	26,400 lbs.	12000 kg
Weight of material supporting tables approx.	47,300 lbs.	21500 kg

Subject to technical modifications.

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### 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.
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

**PLEASE CONTACT OUR SALES DEPARTMENT AT 724-325-5600  
FOR MORE DETAILED INFORMATION OR A QUOTE ON ANY OF THESE SAWS!**