



KASTOmaxcut

NEW GANTRY-STYLE BAND SAWS



High-performance, gantry-designed bandsawing machines for large material dimensions, slabs, ingot molds, forged shafts, open-die forgings, marine crank shafts, shafts for turbines, large tools of all qualities and of material which is difficult to cut (e.g. titanium, Hastelloy, Inconel)

The KASTOmaxcut is designed for average to very heavy use in production, and is suitable for use with bi-metal and carbide tipped saw blades.

The KASTOmaxcut is effective where very great demands are made on diameters and weights to be cut, on material qualities that are difficult to cut, on high cutting quality and cutting performance in two-

TECHNICAL DATA FOR KASTOmaxcut MODELS

	A 10x16 <i>U.S. (Metric)</i>	A 16 <i>U.S. (Metric)</i>	A 16x20 <i>U.S. (Metric)</i>	A 20 <i>U.S. (Metric)</i>	A 27 <i>U.S. (Metric)</i>
Cutting Range:					
• Round	41.73 in. (1060 mm)	65.35 in. (1660 mm)	65.35 in. (1660 mm)	81.10 in. (2060 mm)	107.09 in. (2720 mm)
• Square	41.73 x 41.73 in. (1060 x 1060 mm)	65.35 x 65.35 in. (1660 x 1660 mm)	65.35 x 65.35 in. (1660 x 1660 mm)	81.10 x 81.10 in. (2060 x 2060 mm)	107.09 x 107.09 in. (2720 x 2720 mm)
• Flat H x B	41.73 x 65.35 in. (1060 x 1660 mm)	65.35 x 65.35 in. (1660 x 1660 mm)	65.35 x 65.35 in. (1660 x 1660 mm)	81.10 x 81.10 in. (2060 x 2060 mm)	107.09 x 107.09 in. (2720 x 2720 mm)
Clamping Range	19.69 – 65.35 in. (500 – 1660 mm)	19.69 – 65.35 in. (500 – 1660 mm)	19.69 – 65.35 in. (500 – 1660 mm)	19.69 – 81.10 in (500 – 2060 mm)	23.62 – 107.09 in. (600 – 2720 mm)
Approx. smallest size to be cut	19.69 in. (500 mm)	19.69 in. (500 mm)	19.69 in. (500 mm)	19.69 in. (500 mm)	23.62 in. (600 mm)
Shortest length of cut-off piece	0.39 in. (10 mm)	0.39 in. (10 mm)	0.39 in. (10 mm)	0.39 in. (10 mm)	0.39 in. (10 mm)
Dimensions and Weight:					
• Approximate Length	385.83 in. (9800 mm)	385.83 in. (9800 mm)	385.83 in. (9800 mm)	385.83 in. (9800 mm)	385.83 in. (9800 mm)
• Width	284.25 in. (7220 mm)	284.25 in. (7220 mm)	300 in. (7620 mm)	300 in. (7620 mm)	327.56 in. (8320 mm)
Height, Saw Head in Upper Position	200.59 in. (5095 mm)	200.59 in. (5095 mm)	200.59 in. (5095 mm)	216.34 in. (5495 mm)	24390 in. (6195 mm)
• Material Support Height	27.56 in. (700 mm)	27.56 in. (700 mm)	27.56 in. (700 mm)	27.56 in. (700 mm)	27.56 in. (700 mm)
• Total Weight	77,000 lbs. (35 t)	77,000 lbs. (35 t)	88,000 lbs. (40 t)	110,000 lbs. (50 t)	210,100 lbs. (95.5 t)
Table Size W X L	W 66.93 in. x L (1700 mm x L) L is Determined by Travel Distance	W 66.93 in. x L (1700 mm x L) L is Determined by Travel Distance	W 82.68 in. x L (2100 mm x L) L is determined by Travel Distance	W 82.68 in. x L (2100 mm x L) L is Determined by Travel Distance	W 110.24 in. x L (2800 mm x L) L is Determined by Travel Distance
Travel Distance	Starting at 161.42 in. (4100 mm) Increased by 39" (1 m) increments	Starting at 161.42 in. (4100 mm) Increased by 39" (1 m) increments	Starting at 161.42 in. (4100 mm) Increased by 39" (1 m) increments	Starting at 161.42 in. (4100 mm) Increased by 39" (1 m) increments	Starting at 240.16 in. (6100 mm) Increased by 39" (1 m) increments
Carrying Capacity	121,000 lbs. (55 t)	198,000 lbs. (90 t)	253,000 lbs. (115 t)	308,000 lbs. (140 t)	550,000 lbs. (250 t)
Performance Characteristics:					
Total Connected Load	53.60 HP (40 kW)	53.60 HP (40 kW)	53.60 HP (40 kW)	53.60 HP (40 kW)	53.60 HP (40 kW)
Approx. Power of Saw Motor	29.48 HP (22 kW)	29.48 HP (22 kW)	29.48 HP (22 kW)	29.48 HP (22 kW)	29.48 HP (22 kW)
Cutting Speed Infinitely Variable (50 or 60 Hz)	26.24 – 262.40 ft/min (8 – 80 m/min)	26.24 – 262.40 ft/min (8 – 80 m/min)	26.24 – 262.40 ft/min (8 – 80 m/min)	26.24 – 262.40 ft/min (8 – 80 m/min)	26.24 – 262.40 ft/min (8-80 m/min)
Dimensions of Saw Blade	623.23 x 3.15 x 0.06 in.	639.53 x 3.15 x 0.06 in. (16,244 x 80 x 1.6 mm)	670.24 x 3.94 x 0.06 in. (17,024 x 100 x 1.6 mm)	686.10 x 3.94 x 0.06 in. (17,427 x 100 x 1.6 mm)	812.09 x 3.15 x 0.06 in. (20,627 x 80 x 1.6 mm)
- or -	623.23 x 2.64 x 0.06 in. (67 mm)	639.53 x 2.64 x 0.06 in. (67 mm)	670.24 x 3.15 x 0.06 in. (80 mm)	686.10 x 3.15 x 0.06 in. (80 mm)	812.09 x 3.94 x 0.06 in. (100 mm)

PLEASE CONTACT OUR SALES DEPARTMENT FOR MORE INFORMATION
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