

K-210 CIRCULAR SAW



100 V

- Disk cutter (K-210-2), with angle guide and parallel guide
- Power cable: 2m

Rotation speed	3500 to 6000 rpm
Standard disk cutter	K-210-2
Rated voltage / frequency	100 VAC 50 / 60 Hz
Power consumption	200 W
Rated time	15 minutes
External dimensions	300 (W) × 170 (H) × 260 (D) mm *
Weight	5.8 kg

* Max. width (500 mm) when work table is fully extended.

Cutting capacity

Sheet material type		Sheet thickness mm	Compatible disk cutters
PCB	Glass epoxy	3	K-210-3
	Ceramic	1	
Metal	Steel sheet (without heat treatment)	1	K-210-2 (standard)
	Aluminum sheet (pure aluminum)	5	
	Plastic	10	
	Wood	26	K-210-1



Max. table width of 500 mm when the table guide is extended

Example of angle guide

* Various types of cuts are possible by changing the guide setting.

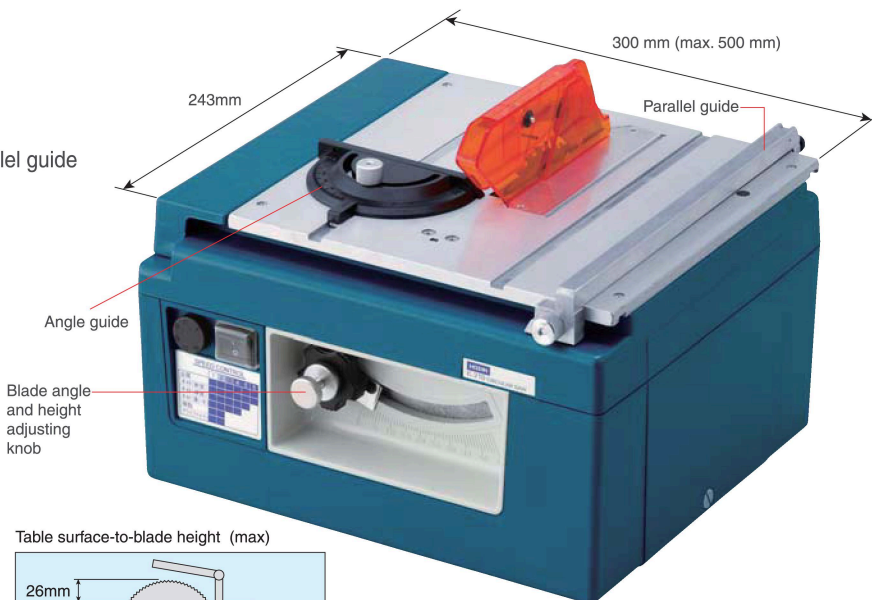
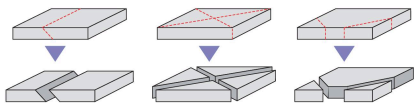
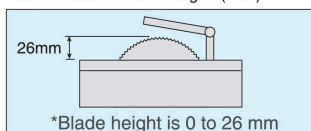


Table surface-to-blade height (max)



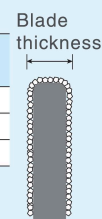
Note Continuous operation which exceeds 15 min. can cause a motor failure, etc. Even on & off at 1 to 2 minute intervals is considered continuous operation.

Replacement parts

DISK CUTTERS (K-210 dedicated blade)



Part no.	Types	Number of teeth	Outer dia. mmφ	Blade thickness mm	Application
K-210-1	Saw	80 teeth	85	1.0	Wood
K-210-2	Carbide	24 teeth		1.2	Metal & plastic
K-210-3	Diamond (grid No.: #150)	—		0.8	PCB & metal



K-110 CIRCULAR SAW



100 V 230V

K-110-230

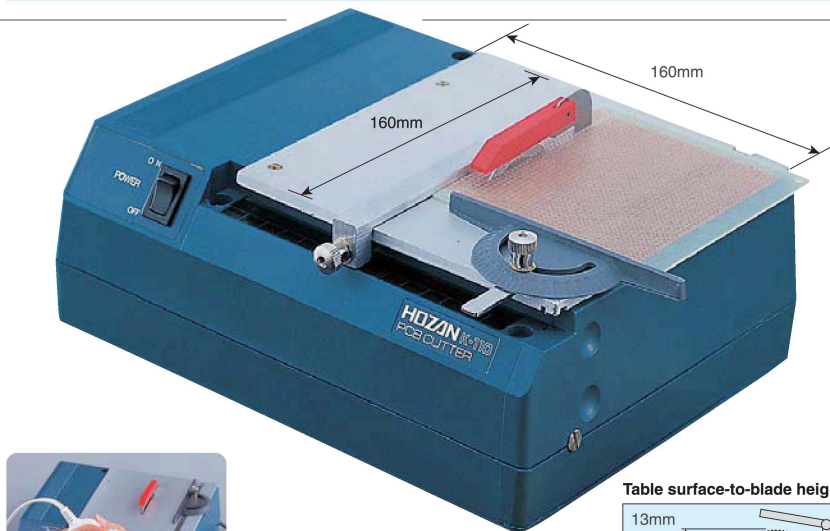
- Disk cutter (K-110-1), with an accessory angle guide and parallel guide
- Power cable: 2m

Rotation speed	3500rpm
Standard disk cutter	K-110-1
Rated voltage / frequency	100 VAC, 50 / 60 Hz (K-110) 230 VAC (K-110-230)
Power consumption	80 W
Rated time	15 minutes
External dimensions	245 (W) × 100 (H) × 185 (D) mm
Weight	1.7 kg

Cutting capacity

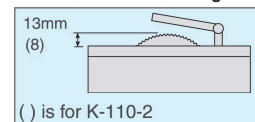
Sheet material type		Sheet thickness mm	Compatible disk cutters
PCB	Paper phenol	2	K-110-2 (standard)
	Glass epoxy	3	
	Ceramic	1	
Metal	Steel sheet (without heat treatment)	1	K-110-2
	Aluminum sheet (pure aluminum)	2	
	Plastic	2	
	Wood	2	

Note Continuous operation which exceeds 15 min. can cause a motor failure, etc. Even on & off at 1 to 2 minute intervals is considered continuous operation.



Example of K-110 + H-17 (the rotation speed can be adjusted)

Table surface-to-blade height



Replacement parts

DISK CUTTERS (K-110 replacement blade)



- Diamond grain: #150 (K-110-1)

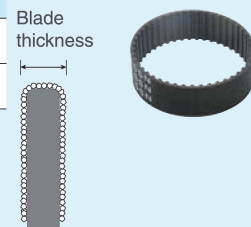
Part no.	Types	Number of teeth	Outer dia. mmφ	Blade thickness mm	Application
K-110-1	Diamond (grid No.: #150)	—	60	0.8	PCB & Metal
K-110-2	Saw	100 teeth	50	0.5	Metal & wood Plastic



K-110-18 BELT



- For K-110



K-100 BAND SAW



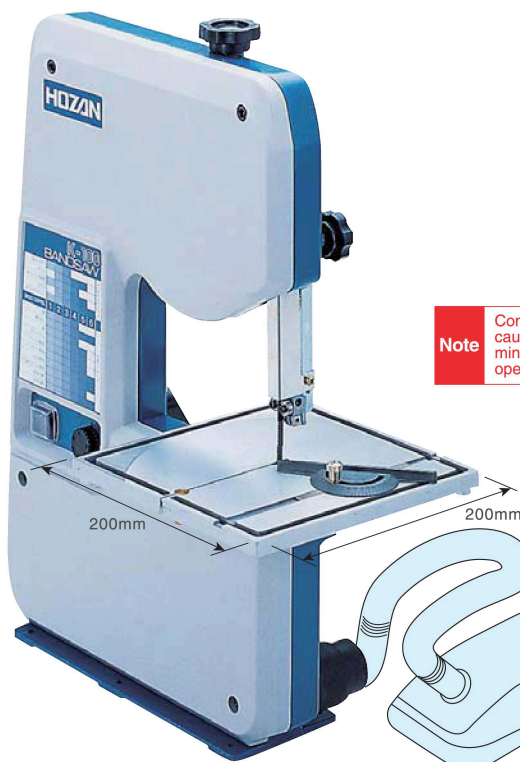
100 V

- Accessories: replacement blade (K-100-2), angle guide.
- Power cable: 2m

Adjustable feed	130 to 200m / minute
Standard blade	K-100-2
Widest point	150 mm
Cuttible thickness	max. 75 mm
Rated voltage / frequency	100 VAC 50 / 60 Hz
Power consumption	100 W
Rated time	30 minutes
External dimensions	395 (W) × 490 (H) × 285 (D) mm
Weight	6 kg

Cutting capacity

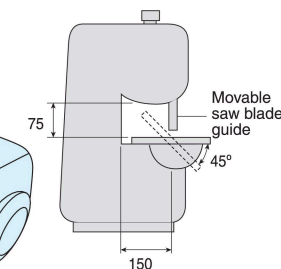
Sheet material type	Sheet thickness mm	Suitable blades
Wood	50	K-100-1
Steel sheet (without heat treatment)	10	K-100-2 (standard)
Aluminum sheet (pure aluminum)	20	
Brass & copper sheet	15	K-100-4
Plastic sheet	30	
Glass sheet	10	



Cutting an aluminum sheet along a curved line

Note Continuous operation which exceeds 30 min. can cause a motor failure, etc. Even on & off at 1 to 2 minute intervals is considered continuous operation.

A standard household vacuum cleaner can be used.



Replacement parts

REPLACEMENT BLADES (for K-100)



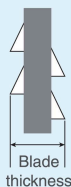
Part no.	Blade width mm	Blade thickness mm	Number of blades	Round length mm
K-100-1	5	0.7	14 teeth / inch	1060
K-100-2	3.2		24 teeth / inch	
K-100-4	3.2		18 teeth / inch	



K-105 COOLING UNIT



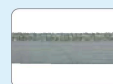
- For diamond blade



K-100-3 REPLACEMENT BLADE (diamond blade)



- Blade width: 3 mm
- Blade thickness: 0.7 mm
- Diamond grid: #120
- Round length: 1060 mm
- For cutting glass, porcelain, tile, ceramic, and stone.
- * Always use K-100-3 together with K-105, cooling unit.



K-100-18 BELT



- For K-100

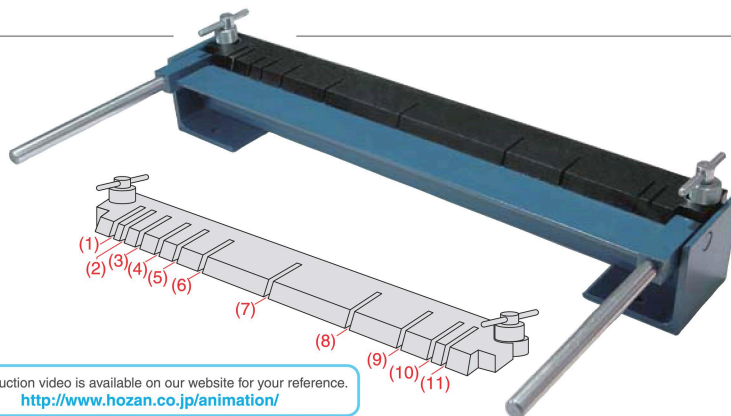


Example of mounted K-105

K-130 SHEET METAL BENDER

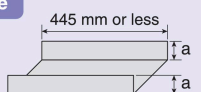
- Bending capacity: Steel sheet 0.6 mm, Aluminum sheet 1.5 mm thickness or less.

- OAL: 510mm
- Weight: 7.3 kg
- Accessories: vise



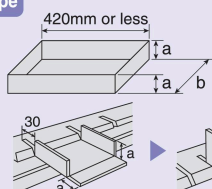
An instruction video is available on our website for your reference. <http://www.hozan.co.jp/animation/>

U-shape



Max. width is 445 mm, but dimension "a" has no particular restrictions.

Case shape



Max. width is 420 mm, and dimension "a" is 30 mm or less. Dimension "b" should be designed so that it matches the slit pitch. (See reference table)

To obtain a case shape, bend in advance as shown in the illustration, then align with the slits and bend.

Slit Nos. and bendable dimensions

5 mm pitch is possible for sizes of 50 mm or less. Biped robot aluminum parts can be processed.

(1)	10	30	45	70	120	200	300	350	410	420
(2)	20	35	60	110	190	290	340	40	410	
(3)	15	40	90	170	270	320	380	390		
(4)	25	75	155	255	305	365	375			
(5)	50	130	230	280	340	350				
(6)	80	180	230	290	300					
(7)	100	150	210	220						
(8)	50	110	120							
(9)	60	70								
(10)	10									
(11)										



- Cutters & Pliers
- Wire strippers
- Crimpers
- Tweezers
- Screwdrivers & Wrenches
- Metal working
- Parts boxes
- Tool cases
- Tool kits
- Soldering irons & Solder
- Parts & Solder removal equipment
- Measuring instruments
- Optical equipment
- Antistatic products
- Clean products
- Chemical products
- Maintenance & Safety products

- Milling machine
- Pattern cutters
- Desk drill presses
- Circular saws
- PCB cutter
- Band saw
- Sheet metal bender
- Drilling tools
- Polishing pads
- Pipe cutter
- Files
- Sand blaster