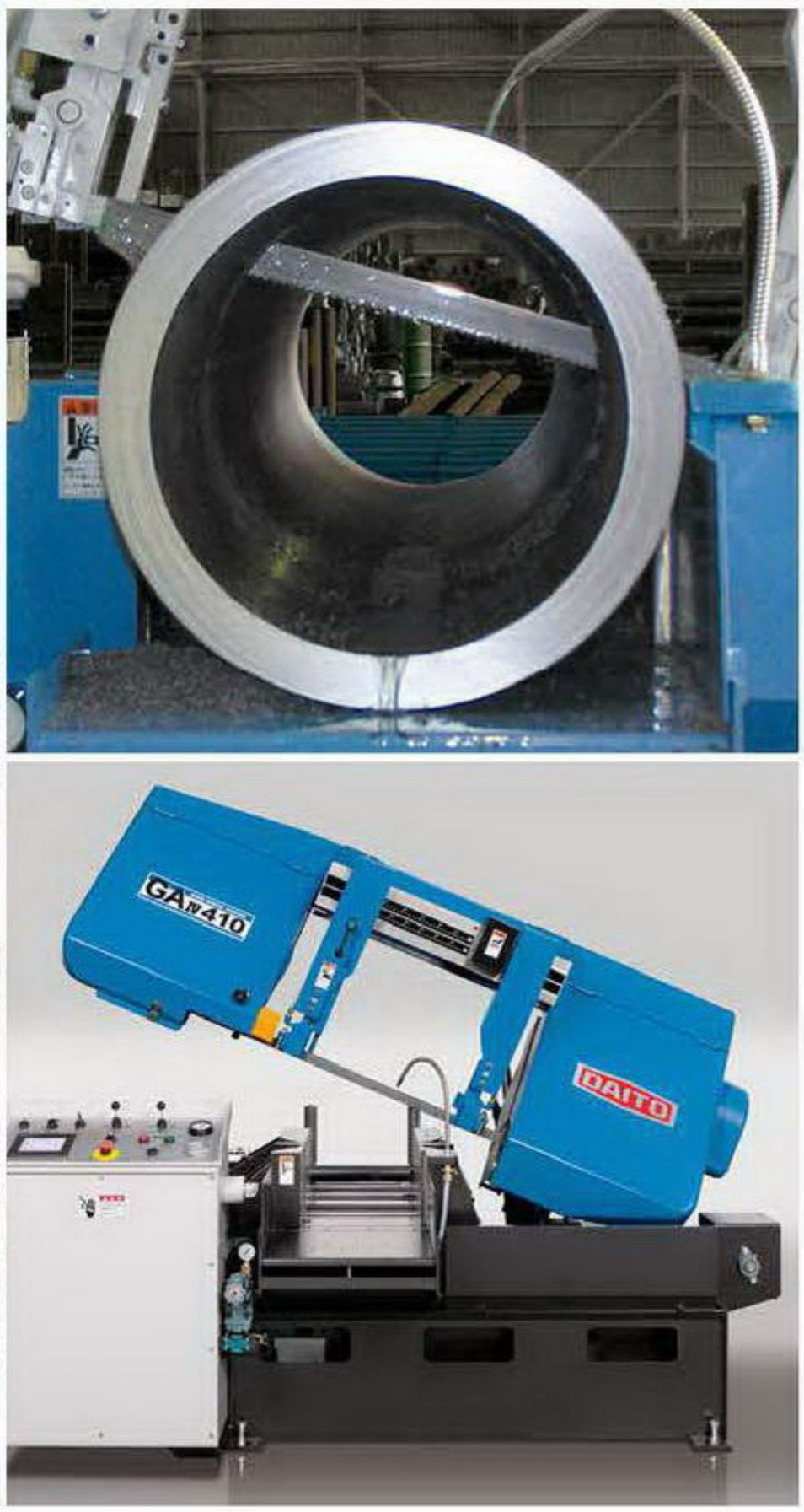
DAITO

BAND SAWING MACHINE

GA series



Our Number One Selling Band Saw GA Series

Over 30 years ago, Daito introduced the world's first NC indexing band sawing machine the GA series. Since then Daito has continually refined and updated this industry leading series. Time has come to release the 4th generation GA series---, the new GAⅣ series is the one and only choice for this industry.

GAⅣ260w

GAⅣ330

GAⅣ410w

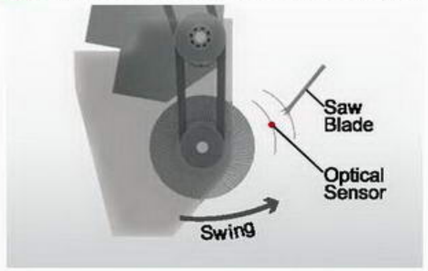
GAⅣ510

Standard Features

BAR FRONT DETECTOR

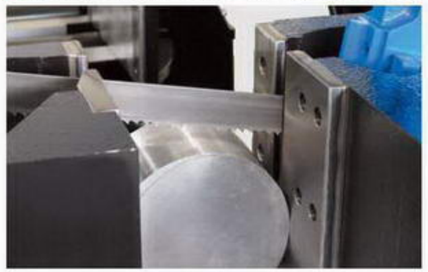
The bar front detector lifts up to detect the front of the material being cut. This makes manual positioning of the first cut unnecessary in automatic cycle.

AUTO BRUSH ADJUSTER



The blade brush adjusting mechanism automatically swings and positions the brush by the laser optical sensor for optimum brushing efficiency. (Except GAx260w)

SPLIT MAIN VISE

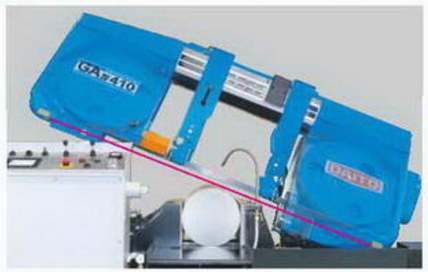


The split main vise securely clamps the material on both sides of the cut position to minimize drop-off burr.

AMPLIFYING VALVE

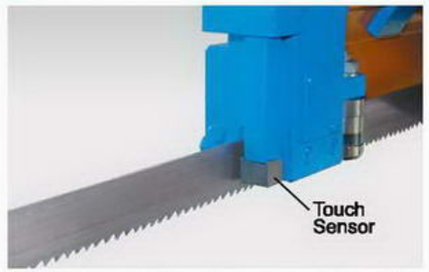
The amplifying valve accurately controls the feed rate of the saw blade by amplifying any changes in cutting resistance for efficient cuts.

MATERIAL TOP DETECTOR



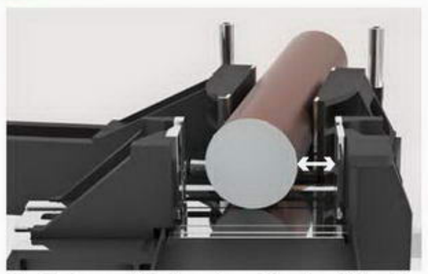
The optical material top detector which checks material top surface is maintenance -free unlike mechanical sensors.

BLADE DEVIATION DETECTOR



The blade deviation detector monitors the blade for any minor deviation to halt the machine during cutting.

SHIFTING INDEX SADDLE

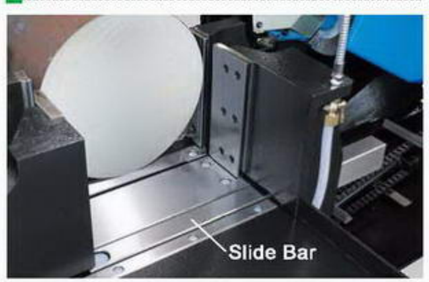


The index saddle is automatically shifted to allow slightly bent material to be smoothly fed eliminating any concerns of hitting the main vise.

OPERATION PANEL

The operation panel is user-friendly with easy-to-use joysticks and a touch screen.

SOLID WORK TABLE



The guiding slot of the vise table is sealed with the slide bar to prevent small drops and cut pieces.

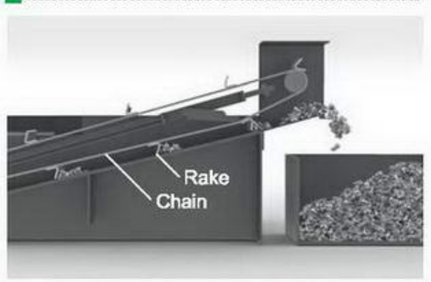
BACK GAUGE FUNCTION

The back gauge function using the index vise is convenient to cut short material in manual mode.

CARBIDE BACK-UP ROLLER

The carbide back-up roller is placed between bearings which is isolated from cutting fluid to ensure long life of the equipment.

RAKER TYPE CHIP CONVEYOR



The raker type chip conveyor endlessly rakes chips out while allowing most cutting fluid to drain back into the reservoir.

Options

VISE PRESSURE REGULATOR

The vise pressure can be adjusted for thin wall material. (Standard feature for USA)

ROLLER TABLE

The 6.6 feet long roller table with 8 rollers. (Standard feature for USA)

VERTICAL CLAMPS

The vertical clamps are installed on both main/ index vises to press down bundled workpiece vertically.

MIST APPLICATOR

Clean cutting environment is enabled with the mist applicator which sprays cutting fluid to saw blade edges.

RIGHT SIDE OPERATION PANEL

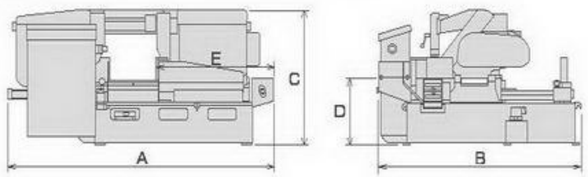
The right side operation panel type is available to order.

SPECIFICATIONS

MODEL		GAⅣ260W	GAⅣ330	GAⅣ410W	GAⅣ510
Cutting Capacity (in)	○	10 1/4	13	16 1/4	20
	▭ W×H	10 1/4×10 1/4 11 3/4×7 1/8	12 1/4×12 1/4	15 7/8×15 7/8	19 1/4×19 1/4
	▦ W×H	8×4	9 1/8×6 1/8	12×8 5/8	14 1/4×10 5/8
Blade (in)	Thickness	0.042		0.05	
	Width	1 1/4		1 1/2	
	Length	11' 6	13' 6	15'	17' 5
Saw Wheel Diameter (in)		17	20 1/2	21 5/8	24 1/2
Blade Speed (ft/min)		33 ~ 330	33 ~ 400		
Shuttle Feeding Stroke (in)		16			20
Unindexible Remnant (in)		3 3/4	4 1/4		4 3/4
Max. programs		12 (length / piece)			
Motor (HP)	Blade	5	7.5		10
	Hydraulic	1	2		
	Coolant	1/12			
	Chip Conveyor	1/50			
Power Consumption (A)		18 (AC208V)	28 (AC208V)		35 (AC208V)
Hydraulic Reservoir (gal)		12	9	9.5	17
Coolant Reservoir (gal)		33	38	48	58
Weight (lb)		3,500	4,300	4,800	6,900

● Specifications/outlook are subject to change without notice.

OVERALL DIMENSIONS (in)



MODEL	A	B	C	D	E
GAⅣ260W	77 1/8	73 1/8	44 7/8	23 7/8	35 1/4
GAⅣ330	85 3/8	74 1/4	45 1/2		40 3/8
GAⅣ410W	95 1/2		50 3/8		42 3/8
GAⅣ510	110 3/8	85 5/8	59 1/8	27 1/2	48 5/8