

For Straight line & curve
One-touch beveling machine

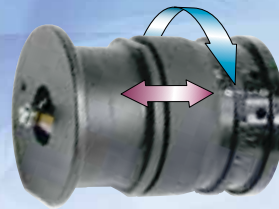
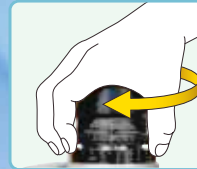
Weld Preparation Bevellers
Weld Bead Shavers
Air/Electric Radius Bevellers

Chamfo





Quick & Easy Bevel Adjustment
1 second, OK!



Splined one-touch controller enables Quick & Easy adjustment

- ▶ Fine bevel adjustment by minimum 0.1mm increment
- ▶ A spline controller prevents loosening of bevel adjustment
- ▶ Ideal for beveling work required various and repetitive adjustment.

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Chamfo

Patent information

International Patent Pending

- PCT/KR2007/000765
- PCT/KR2008/003600
- PCT/KR2011/000246
- PCT/KR2011/000260

International Patent

- China ZL200710005742.3
- Taiwan TWI337576
- Russia RU2 388581 C1
- USA US7,635,242 B2
- EU EP 1 984 139
- Japan JP 4938034

※Int'l Patent Pending in 20 countries

- Trade Mark: Chamfo (40-2006-0043030)
- Beveller improved a guide roller's durability (10-0608293)
- One-touch beveller (10-05752012)
- Straight Guide Bar for straight beveling ((10-064400)
- Multi beveller (10-0784772)
- Attachment for pipe beveling (10-0899957)
- Insert for radius beveling
- multi beveller having less friction with work piece
- Weld bead shaving machine
- Pneumatic beveling machine easy to replace inserts
- Weld bead shaving machine adjusted by one-touch type control system
- One-touch type bevel adjustment controller
- Dual beveling machine for weld preparation
- Weld bead shaving machine controlled by safe feeding control
- (pending) Insert tip available for chamfer and radius chamfer
- (pending) Weld bead shaver with dual spindle shafts for stability improvement
- (pending) Pneumatic beveller for smaller spaces
- (pending) Weld bead shaver with improved stability
- (Design) beveller
- (Design) Adaptor for beveller
- (Design) Spline assemble for beveller (3 designes)
- (Design) Corner beveling tool (2 designes)
- (Design) Cutter for beveller (6 designes)

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Weld Preparation Bevellers
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Air/Electric Radius Bevellers

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Single line oxygen welding / Cutting hose

23

GTW-1500WMT $0^{\circ} \sim 90^{\circ} / 0 \sim 10C$

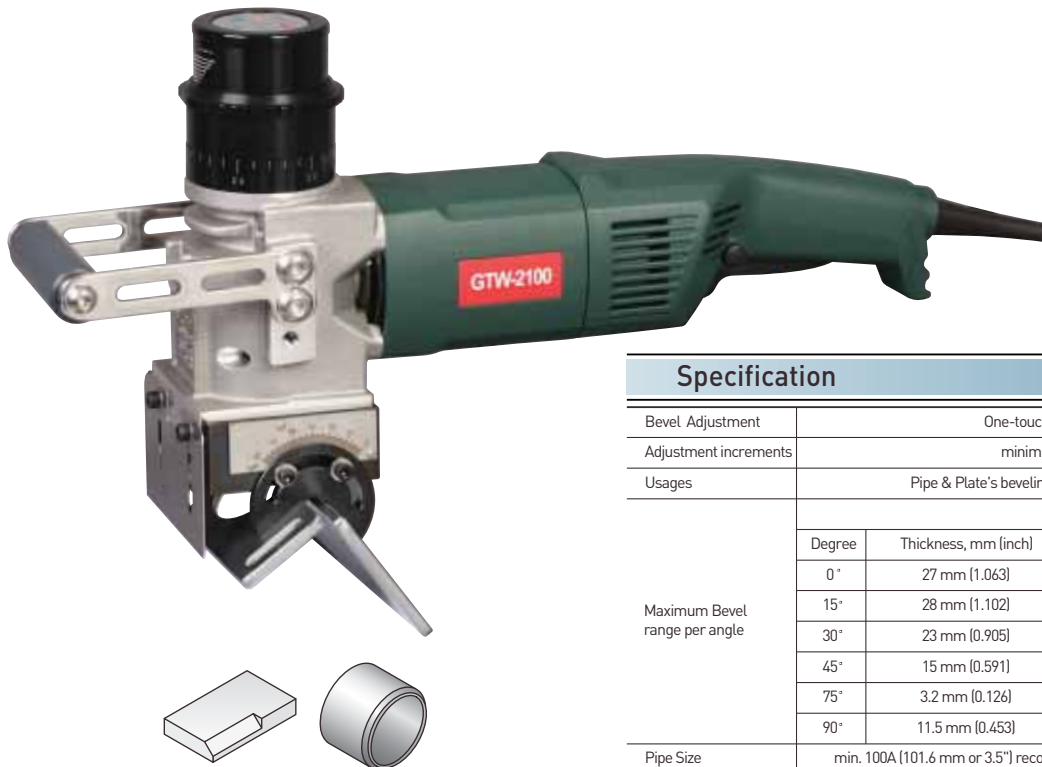
Weld Preparation for pipes & plates



Specification		GTW-1500WMT	
Bevel Adjustment	One-touch spline controller		
Adjustment increments	minimum 0.1mm step		
Usages	Plate & Pipe's beveling for weld preparation		
Maximum Bevel range per angle	$0^{\circ} \sim 90^{\circ}$		
	Degree	Thickness, mm (inch)	Width, mm (inch)
	0°	22 mm (0.866)	7.5 mm (0.295)
	15°	22.5 mm (0.886)	23.5 mm (0.925)
	30°	15 mm (0.591)	17 mm (0.669)
	45°	10 mm (0.394)	15 mm (0.591)
	75°	2.8 mm (0.110)	11 mm (0.433)
90°	7.5 mm (0.295)	11 mm (0.433)	
Pipe Size	minimum 65A (76.3 mm or 2.5")		
Weight	4.2kg		
Power	1080W		
Inserts	No. of inserts: 3 inserts / Parts no.: CFWB110350		
Applications	Steel (carbon & stainless steel, etc.), Non-ferrous metal, other materials		

GTW-2100 $0^{\circ} \sim 90^{\circ} / 0 \sim 15C$

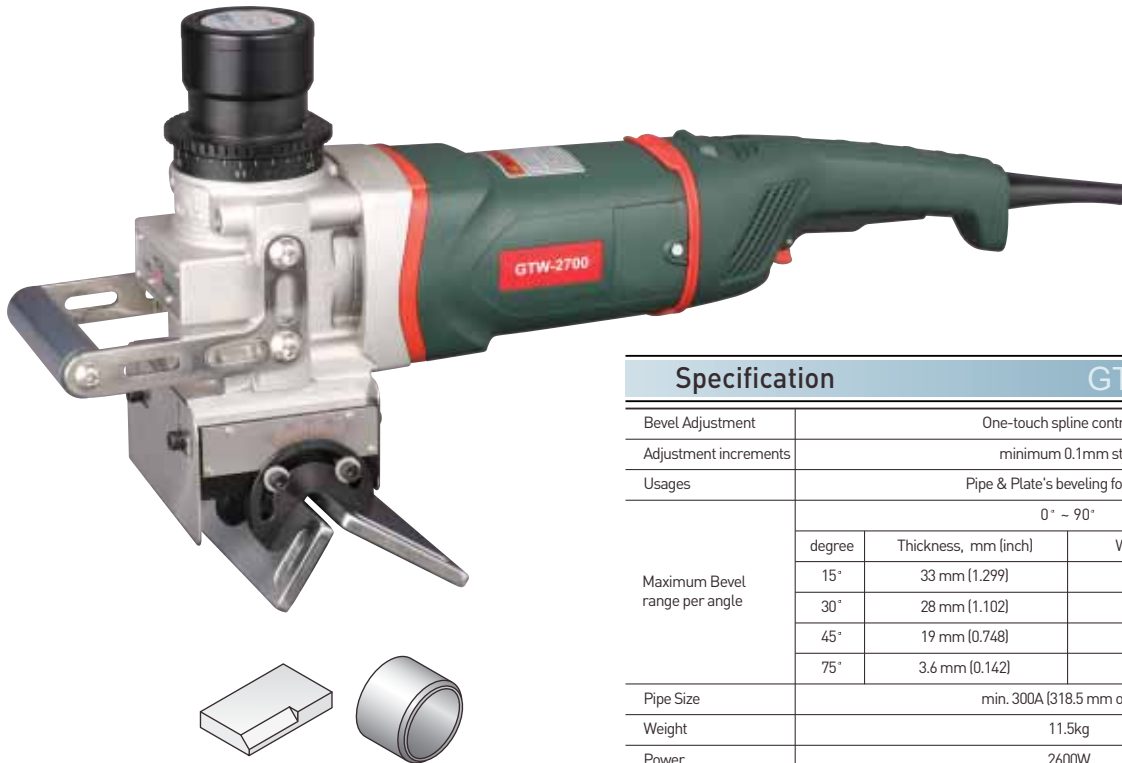
Weld Preparation for pipes & plates



Specification		GTW-2100	
Bevel Adjustment	One-touch spline controller		
Adjustment increments	minimum 0.1mm step		
Usages	Pipe & Plate's beveling for weld preparation		
Maximum Bevel range per angle	$0^{\circ} \sim 90^{\circ}$		
	Degree	Thickness, mm (inch)	Width, mm (inch)
	0°	27 mm (1.063)	11.5 mm (0.453)
	15°	28 mm (1.102)	29 mm (1.142)
	30°	23 mm (0.905)	26.5 mm (1.043)
	45°	15 mm (0.591)	22 mm (0.866)
	75°	3.2 mm (0.126)	12.5 mm (0.492)
90°	11.5 mm (0.453)	12.5 mm (0.492)	
Pipe Size	min. 100A (101.6 mm or 3.5") recommended bigger than 200A		
Weight	6.5kg		
Power	1700W or 1400W		
Inserts	No. of inserts: 3 inserts / Parts no.: CFWB110350		
Applications	Steel (carbon & stainless steel, etc.), Non-ferrous metal, other materials		

GTW-2700 15° ~ 75° / 0 ~ 19C

Weld Preparation for pipes & plates



Specification		GTW-2700	
Bevel Adjustment	One-touch spline controller		
Adjustment increments	minimum 0.1mm step		
Usages	Pipe & Plate's beveling for weld preparation		
Maximum Bevel range per angle	0° ~ 90°		
	degree	Thickness, mm (inch)	Width, mm (inch)
	15°	33 mm (1.299)	34 mm (1.339)
	30°	28 mm (1.102)	32 mm (1.260)
	45°	19 mm (0.748)	27 mm (1.063)
	75°	3.6 mm (0.142)	14 mm (0.551)
Pipe Size	min. 300A (318.5 mm or 12")		
Weight	11.5kg		
Power	2600W		
Inserts	No. of inserts: 4 inserts (or 3 inserts) / Parts no.: CFWB140350		
Applications	Steel (carbon & stainless steel, etc.), Non-ferrous metal, other materials		

GTC-2200 15° ~ 45° / 0 ~ 15C

Weld Preparation pipes & plates

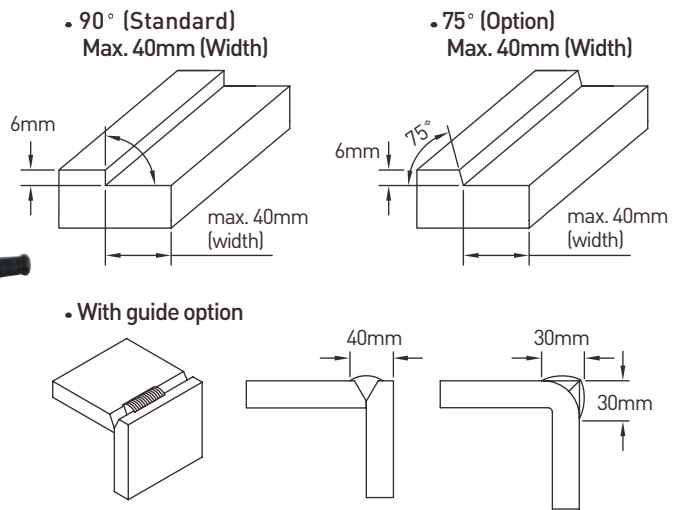
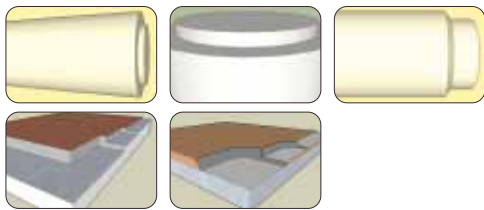


- Angular cutting inserts
(Reducing cutting resistance)

Specification		GTW-2200	
Bevel Adjustment	One-touch spline controller		
Adjustment Increment	min. 0.1mm step		
Usage	Pipe & Plate beveling for weld preparation		
Bevel Angle	15° ~ 45°		
Bevel Range	Thickness : 15mm (0.591) / Width 21mm (0.827)		
Pipe size	min. 150A (6")		
Weight	10.2 kg		
Power	2400W		
Inserts	No. of inserts: 8 inserts (2sets X4inserts) / Parts no.: CFVC120350		
Application	Steel (carbon steel, stainless steel), Non-ferrous metal, other materials		

GTW-1500W-DF Width: max.40mm / Depth: max. 6mm

Compound beveling & Coating / Paint removal



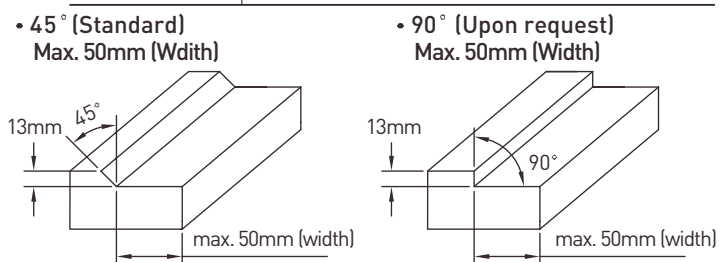
Specification		GTW-1500W-DF
Bevel Adjustment	One-touch spline controller	
Adjustment Increments	min. 0.1mm step	
Usage	Coating removal / weld bead shaving of plate and round plate (flange, etc)	
Milling Range	Width direction: max. 40mm / Depth direction: max. 6mm	
Insert Angle	90° [75° Upon request]	
Weight	6 kg	
Power	1080W	
Insert	No. of inserts: 3 inserts / Parts no.: CFWB110350	
Applications	Steel (carbon steel, stainless steel), Non-ferrous metal, other materials	

GTW-2700DF Width: max. 50mm / Depth: max. 13mm

Decladding machine for plates & flanges



Specification		GTW-2700DF
Bevel Adjustment	One-touch spline controller	
Adjustment Increments	min. 0.1mm step	
Usage	Decladding or coating removal / weld bead shaving of plate and round plate (flange, etc)	
Milling Range	Width direction: max. 50mm / Depth direction: max.13mm	
Insert Angle	45° [90° Upon request]	
Weight	14.5kg	
Power	2600W	
Insert	No. of inserts: 3 inserts / Parts no.: CFWB140350	
Applications	Steel (carbon steel, stainless steel), Non-ferrous metal, other materials	



GTW-1500IW 30° ~ 90° / 0 ~ 10C

Weld preparation for flanges



Specification		GTW-1500IW	
Bevel Adjustment	One-touch spline controller		
Adjustment increments	minimum 0.1mm step		
Usages	Inner & outer pipe edge beveling for weld preparation		
Maximum Bevel range per angle	30° ~ 90°		
	degree	Thickness, mm (inch)	Width, mm (inch)
	30°	15mm (0.591)	17mm (0.669)
	45°	10mm (0.394)	15mm (0.591)
	75°	2.8mm (0.110)	11mm (0.433)
90°	7.5mm (0.295)	11mm (0.433)	
Min. Pipe size	170mm (O/D) / 280mm (I/D)		
Weight	4.8 kg		
Power	1080W		
Inserts	No. of inserts: 3 inserts / Parts no.: CFWB110350		
Applications	Steel (carbon & stainless steel, etc.), Non-ferrous metal, other materials		

GTW-2100IW 30° ~ 90° / 0 ~ 15C

Weld preparation for flanges



Specification		GTW-2100IW	
Bevel Adjustment	One-touch spline controller		
Adjustment increments	minimum 0.1 mm step		
Usages	Inner & outer pipe edge beveling for weld preparation		
Maximum Bevel range per angle	30° ~ 90°		
	Degree	Thickness, mm (inch)	Width, mm (inch)
	30	23 mm (0.905)	26.5 mm (1.043)
	45	15 mm (0.591)	22 mm (0.866)
	75	3.2 mm (0.126)	12.5 mm (0.492)
90	11.5 mm (0.453)	12.5 mm (0.492)	
Min. pipe size	190mm (O/D) / 330mm (I/D)		
Weight	6.5kg		
Power	1700W or 1400W		
Inserts	No. of inserts: 3 inserts / Parts no.: CFWB110350		
Applications	Steel (carbon & stainless steel, etc.), Non-ferrous metal, other materials		

GTI-1200 20°~45° or 30°~60° / max. 9C

Weld preparation for plates & pipes
(in/external)



Specification		GTI-1200				
Bevel Adjustment	One-touch spline controller					
Adjustment Increment	min. 0.1mm step					
Usage	Internal/external pipe & plate beveling					
Bevel Angle	T type (20° - 30° - 45°)			F type (30° - 45° - 60°)		
Maximum bevel range per angle	Degree	Thickness, mm (inch)	Width, mm (inch)	Degree	Thickness, mm (inch)	Width, mm (inch)
	20°	5.5 mm (0.217)	5.8 mm (0.228)	30°	5.4 mm (0.213)	6.2 mm (0.244)
	30°	9 mm (0.354)	10.4 mm (0.409)	45°	9.2 mm (0.362)	13.0 mm (0.512)
	45°	9.3 mm (0.366)	13 mm (0.512)	60°	5.4 mm (0.213)	6.2 mm (0.244)
Weight	6.0 kg					
Pipe size	min. 36 mm diameter					
Power	1700W or 1400W					
Insert	No. of inserts: 3 inserts / parts no.: APMT-1604PDSR-MM					

GTW-1500W-PDF 0°~90° / 0~10C / Coating width: 6~50mm

for the only pipe - weld preparation & coating removal machine



Specification		GTW-1500W-PDF		
Bevel Adjustment	One-touch spline controller			
Adjustment increments	minimum 0.1mm step			
Usages	Weld preparation and coating removal			
Maximum Bevel range per angle	0° ~ 90°			
	degree	Thickness, mm (inch)	Width, mm (inch)	
	0°	22 mm (0.866)	7.5 mm (0.295)	
	15°	22.5 mm (0.886)	23.5 mm (0.925)	
	30°	15 mm (0.591)	17 mm (0.669)	
	45°	10 mm (0.394)	15 mm (0.591)	
	75°	2.8 mm (0.110)	11 mm (0.433)	
90°	7.5 mm (0.295)	11 mm (0.433)		
Coating removal	90° [75° upon request] / 6-50mm width and 6mm thickness			
min. pipe size	min. 25A (34mm / 1")			
Weight	6.4 kg			
Power	1080W			
Insert	No. of inserts: 3 inserts / Parts no.: CFWB110350			
Applications	Steel (carbon steel, stainless steel), Non-ferrous metal, other materials			

GTP-1500W

Width: 10~25mm / Depth: 0.15mm

Coating / Paint (internal) removal of pipes

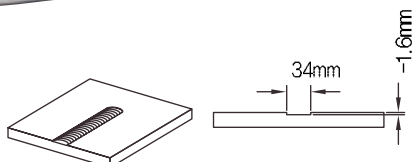


Specification	GTP-1500W
Width Adjustment	One-touch spline controller
Adjustment Increments	min. 0.1mm step
Usage	Internal coating removing for a pipe
Available coating	Width: 10~25mm / Depth: 0.15mm
Insert Angle	90°
Weight	4.8 kg
Power	1080W
Pipe size	min. 40mm (inner dia.)
Insert	No. of inserts: 4 inserts / parts no.: APMT-1604PDSR-MM
Applications	Steel (carbon steel, stainless steel), Non-ferrous metal, other materials

GTP-1500W-S

Coating width: 34mm / max. Depth: -1.6mm

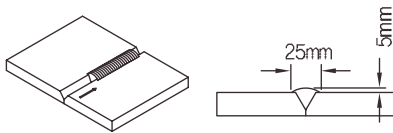
Coating / Paint (internal) removal of plates



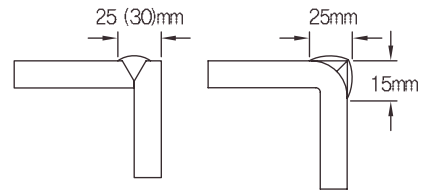
Specification	GTP-1500W-S
Depth Adjustment	One-touch spline controller
Adjustment Increments	min. 0.1mm step
Usage	Coating or paint removing on plates
Available shaving range	width (fix): 34mm / depth: -1.6mm ~ 6mm
Weight	3.8 kg
Power	1080W
Insert	No. of inserts: 3 inserts / Parts no.: CFWB110350
Applications	Steel (carbon steel, stainless steel), Non-ferrous metal, other materials

GTB-1500W-S Width: 25mm / Depth: max. 6mm

Weld bead shaving for plates



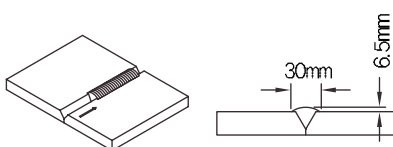
• Order production



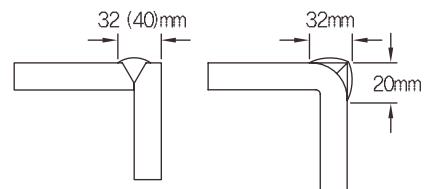
Specification	GTB-1500W-S
Height Adjustment	One-touch spline controller
Adjustment Increment	min. 0.1 mm step
Milling units	Single facemill cutter head
Usage	Shaving of weld bead on plate, corner and wall
Shaving range	Width: 25 mm, Depth: -1.6 mm ~ +6 mm
Weight	3.8 kg
Power	1080 W
Insert	No. of inserts: 3 inserts / Parts no.: CFWB110350
Application	Non-ferrous metal, Steel, other materials

GTB-2100-S Width: 30mm / Depth: max. 6.5mm

Weld bead shaving for plates



• Order production



Specification	GTB-2100-S
Height Adjustment	One-touch spline controller
Adjustment Increment	min. 0.1 mm step
Milling units	Single facemill cutter head
Usage	Shaving of weld bead on plate, corner and wall (pipe model available)
Shaving range	Width: 30 mm, Depth: -2 mm ~ +6.5 mm
Weight	6.5 kg
Power	1700W (or 1400W)
Insert	No. of inserts: 3 inserts / Parts no.: CFWB110350
Accessory	A magnet guide
Application	Non-ferrous metal, Steel, other materials

GTB-1500W-IS min. 300mm I/D pipe Width: max. 20mm / Depth: max. 3mm

Weld bead (internal) shaving for pipes



• Order production



Specification	GTB-1500W-IS
Depth Adjustment	One-touch spline controller
Adjustment Increment	min. 0.1 mm step
Milling units	Single facemill cutter head
Usage	Shaving of weld beads inside a pipe
Shaving range	Width: max. 20 mm / Depth: -5 mm ~ +3 mm
Pipe size	min. 300mm I/D
Weight	3.6 kg
Power	1080W
Insert	No. of inserts: 3 inserts / Parts no.: CFWB110350
Application	Non-ferrous metal, Steel, other materials

GTB-2100-IS min. 350mm I/D Width: max. 25mm / Depth: max. 8mm

Weld bead (internal) shaving for pipes



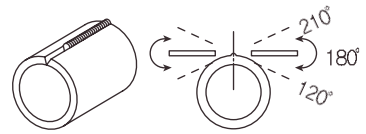
• Order production



Specification	GTB-2100-IS
Depth Adjustment	One-touch spline controller
Adjustment Increment	min. 0.1 mm step
Milling units	Single facemill cutter head
Usage	Shaving of weld beads inside a pipe
Shaving range	Width: max. 25 mm / Depth: -5 mm ~ +8 mm
Pipe size	min. 350mm (I/D)
Weight	6.5 kg
Power	1700W or 1400W
Insert	No. of inserts: 3 inserts / Parts no.: CFWB110350
Application	Non-ferrous metal, Steel, other materials

GTB-1500W-VF Width: max. 25mm, Depth: max. 6mm

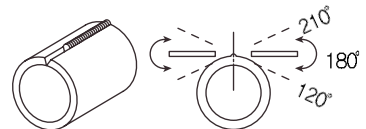
Weld bead (external) shaving for pipes - length direction



Specification	GTB-1500W-VF
Height Adjustment	One-touch spline controller
Adjustment Increment	min. 0.1 mm step
Angle adjustment	120° - 180° - 210°
Usage	Shaving of outside weld bead on a pipe (length direction)
Shaving range	Width: 25 mm, Depth: -1.6 mm ~ 6 mm
Weight	5 kg
Power	1080 W
Insert	No. of inserts: 3 inserts / Parts no.: CFWB110350
Application	Non-ferrous metal, Steel, other materials

GTB-2100W-VF Width: max. 30mm / Depth: -2mm ~ 8mm

Weld bead (external) shaving for pipes - length direction

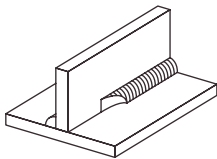


Specification	GTB-2100W-VF
Height Adjustment	One-touch spline controller
Adjustment Increment	min. 0.1 mm step
Angle adjustment	120° - 180° - 210°
Usage	Shaving of outside weld bead on a pipe (length direction)
Shaving range	Width: 30 mm, Depth: -2 mm ~ 8 mm
Weight	8.4 kg
Power	1700W or 1400W
Insert	No. of inserts: 3 inserts / Parts no.: CFWB110350
Application	Non-ferrous metal, Steel, other materials

GTB-1500A

Width: max. 25mm / Depth: max. 7mm

Side weld bead shaving

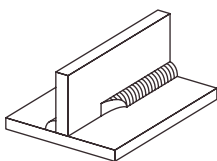


Specification		GTB-1500A
Height Adjustment	One-touch spline controller	
Adjust increments	min. 0.1mm step	
Range	Depth range: -1 ~ +7 mm / Width adjustment range: -6 ~ 17 mm	
Usage	Side weld bead removal (or fillet welded metal piece removal)	
Drive Motor	1080 W	
Weight	5.5 kg	
Inserts	no. of inserts: 6 inserts / Insert angle 90° / parts no.: CFWB110350	
Application	Steel, Stainless Steel, Non-ferrous metal, etc.	

GTB-2100A

Depth: max. 12.5mm

Side weld bead shaving



Specification		GTB-2100A
Height Adjustment	One-touch spline controller	
Adjust increments	min. 0.1mm step	
Range	Depth range: -1.5 ~ 12.5 mm / Width adjustment range: -6 ~ 17 mm	
Usage	Side weld bead removal (or fillet welded metal piece removal)	
Drive Motor	1700 W or 1400W	
Weight	7.5 kg	
Inserts	no. of inserts: 6 inserts / Insert angle 90° / parts no.: CFWB110350	
Application	Steel, Stainless Steel, Non-ferrous metal, etc.	

GTB-2100V Width: 30(20)mm, Depth: max. 13mm

Weld bead removal machine



Specification		GTB-2100V
Height Adjustment	One-touch spline controller	
Adjustment Increment	min. 0.1 mm step	
Cutters	Upper cutting type with 3 cutters (or 2)	
Range	Depth rang: -0.5-13mm / Width: 30mm/3cutters (or 20mm/2cutters)	
Usage	Weld bead removal	
Drive Moter	1700W or 1400W	
Weight	9.2kg	
Insert	18 inserts (6 inserts × 3 cutters) / 30mm width	
	12 inserts (6 inserts × 2 cutters) / 20mm width	
	part no.: CFVC120350	
Application	Steel, Stainless Steel, Non-ferrous metal, etc.	

GTB-1500LS-SC With: 30mm / Depth: max. 7mm

Weld bead shaving for plates (Ball bush guide)



Specification		GTB-1500LS-SC	
Depth adjustment	One-touch spline controller		
Adjustment Increment	min. 0.1 mm step		
Structure	Milling Unit	Guide Unit	
	- Facemill cutter	- Robust / stable Guide	
	- Depth range: -0.5-7mm	- Feeding by a screw	
	- width (fixed): 30mm	- 230mm long cycle	
		- 4 strong magnets	
Usage	Weld bead shaving (middle duty) on a wall or a floor		
Weld bead size	Depth: max. 7mm / width: max. 30mm		
Motor	1080W		
Weight	11kg		
Insert	No. of Inserts: 3 inserts / part no.: CFWB110350		
Application	Steel, Stainless Steel, Non-ferrous metal, Plastic		

GTB-2100LSDF-H Width: 40 ~ 70mm / Depth: max. 13mm

Weld bead shaving for plates (Ball bush guide)



Specification		GTB-2100LSDF-H
Bevel Adjustment	One-touch spline controller	
Adjustment increments	min. 0.1 mm step	
Components	Milling Unit (Chamfo)	Guide unit
	Single facemill cutter head (40mm diameter) Depth range: -1.5 ~13mm Width Adjustment range: 40 ~ 70mm	manual 5 step feeding speed control by hydraulic cylinder 300mm long removal length 4 strong magnet guides
Dimension	Length: 620 (850) mm / Width: 322 mm / Height: 235 mm	
Usage	Removal of the weld bead on a wall or a floor	
Power	1700W or 1400W	
Weight	17 kg	
Inserts	no. of inserts: 4 inserts / parts no.: CFWB110350	
Application	Steel, Stainless Steel, Non-ferrous metal, etc.	

GTB-2100LM-SC Width: 40mm / Depth: max. 14mm

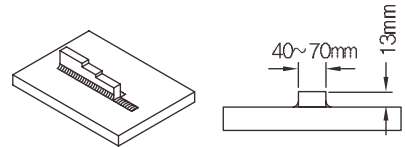
Weld bead shaving for plates (LM guide)



Specification		GTB-2100LM-SC
Milling cutter	Face mill cutter	
Adjustment increments	min. 0.1 mm step	
Structure	Milling unit	LM Guide
	- Facemill cutter	- Robust / stable LM Guide
	- Depth range: -1~14mm	- Feeding control by a screw
	- width (fixed): 40mm (35mm)	- 300mm long cycle
	- Angle: 90° (or 75°)	- 4 strong magnets
Usage	Weld bead shaving (middle duty) on a wall or a floor	
Weld bead size	Depth: max. 14mm / width: max. 35mm	
Power	1700W or 1400W	
Weight	15.2kg	
Insert	No. of Inserts: 3 (or 4) inserts / part no.: CFWB110350	
Application	Carbon Steel, Stainless Steel, Non-ferrous metal, Plastic	

GTB-2100LMDF-SC Width: 40~70mm / Depth: max. 13mm

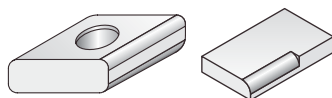
Weld bead shaving for plates (LM guide)



Specification		GTB-2100LMDF-SC	
Depth Adjustment	One-touch spline controller		
Adjustment Increment	min. 0.1 mm step		
Components	Milling unit (Chamfo)	Guide unit	
	- Facemill cutter	- Robust / stable LM Guide	
	- Depth range: -1~14mm	- Feeding control by a screw	
	- width (fixed): 35~80mm	- 300mm long cycle	
	- Angle: 90° (or 75°)	- 4 strong magnets	
Usage	Weld bead removal on a wall or a floor		
Power	1700W or 1400W		
Weight	16.2kg		
Insert	No. of Inserts: 4 inserts / part no.: CFWB110350		
Application	Steel, Stainless Steel, Non-ferrous metal, etc.		

GTR-3EC R3, R4, R5

Electric radius beveling machine

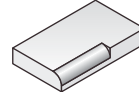
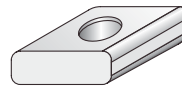


• Radius cutter

Specification		GTR-3EC	
Radius center adjustment	One-touch spline controller		
	Adjustment increment: min. 0.1mm step		
Usage	Radius beveling of plate, contour and hole		
Power	220V/60Hz only [other models coming soon]		
RPM	Variable speed		
No. of cutters	1 cutter [8 blades]		
Cutter	CF350C R3, R4, R5		
Features			
Turning base plate	0		
Cutter ejection pins	0		
Spindle lock	0		
Straight guide (option)	available		

GTR-3AC R3, R4, R5

Pneumatic radius beveling machines



• Radius cutter

Specification		GTR-3AC-P/G/N		
Usage	Radius beveling of plate, contour and hole			
Models	GTR-3AC-P / GTR-3AC-G / GTR-3AC-N			
No. of cutters	1 cutter (8 blades)			
Available radius	CF350C R3, R4, R5			
Model	GTR-3AC-P	GTR-3AC-G	GTR-3AC-N	
Adjustment	one-touch type	screw type	screw type	
Turning base plate	0	0	no	
Cutter ejection pins	0	no	no	
Spindle lock	0	0	0	
Straight guide(option)	available	no	no	

GTL-38 Series 0 ~ 1C / R2, R3

Pneumatic deburring machine for narrow places



• Radius cutter

• Chamfering cutter



Specification		GTL-38SC			
Beveling Adjustment	Screw type				
Adjustment Increment	min. 0.166mm of unit				
Usage	Deburring / Radius deburring at reach-to-difficult places (small spaces)				
Dimension	Length: 323mm / Height: 55mm / Width of base plate: 54mm				
Weight	1.45 kg				
Air Pressure / Consumption rate	6kg/cm ² / 0.3 m ³ /min				
Model	GTL-38S (Deburring)		GTL-38R (Radius deburring)		
Cutter (not including)	Cutter CF38LCC		Cutter CF38LCR		
	Bevel Angle	45°	Bevel Angle	-	
	Bevel Range	0 - 1C	Bevel Range	R2, R3	
Application	+Mild Steel, Non-ferrous metal, etc				
Requirement	Hole diameter: min. 16mm (inner hole requires min. 21mm space to handle)				

GT-50TS 0 ~ 3C

Pneumatic chamfering machine



Specification		GT-50TS
Beveling Adjustment	One-touch spline controller	
Adjustment Increment	accurate min. 0.1mm step	
Weight	1.5 kg	
Compressed Air Pressure	6kg/cm ² / 0.3m ³ /min	
Inserts	No. of inserts: 2 inserts	
	Rough cut	Fine cut (option)
	VCGW110304	VCGT110304
Bevel Range	C0 - C3.0	
Angle	45°	
Durable Guide	Patented guide roller (none bearing)	
Usages	plate, curve, and hole 10mm edge chamfering	

GT-50CR R2, R3, R4

Pneumatic radius deburring machine



• Radius cutter

Specification		GT-50CR
Bevel Adjustment	One-touch spline controller	
Adjustment Increment	min. 0.1 mm step	
Weight	1.5 kg	
Air pressure / Consumption rate	6kg/cm ² / 0.3m ³ /min	
Radius Cutter	Number of cutter: 1 cutter (8 blades)	
Cutter	CF350C R2, R3, R4	
Guide	Clamp bearing guide	
Applications	Plate, curve, hole (min. Ø20) radius beveling	

GT-38 Series 0 ~ 1.5C / R1, R1.5, R2

Pneumatic chamfering (Deburring) machines

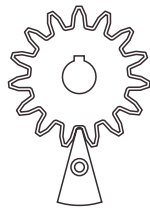
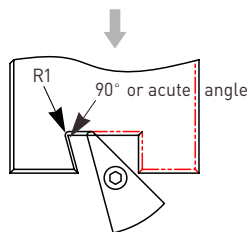
Straight line,
Curve & Hole chamfering



Corner
chamfering

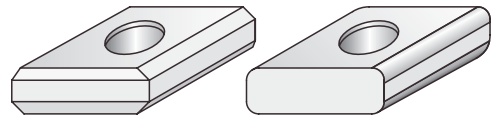


Beveling at acute angle or narrow corner is possible with corner guide



Radius insert
CF38iR1, R1.5, R2
Patent: insert available for chamfering and also radius chamfering (10-2010-0013378)
Design: insert for beveling machine (30-2010-0006538)

Straight line, curve & Hole chamfering /
Radius chamfering



Specification

GT-38 Series

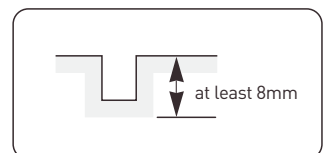
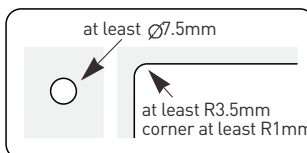
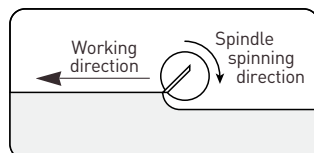
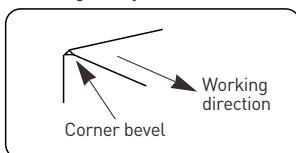
Models		GT-38S	GT-38SC	GT-38R	GT-38SR	GT-38SCR
Bevel Type	Chamfer (45 degree)	0 ~ 1.5C	0 ~ 1.5C	-	0 ~ 1.5C	0 ~ 1.5C
	Fillet (Radius)	-	-	1R, 1.5R, 2R	1R, 1.5R, 2R	1R, 1.5R, 2R
	Corner	-	corner	-	-	corner
Bevel Adjustment		one-touch spline controller				
Adjustment Increment		min. 0.1mm step				
Insert	Fillet (Radius) Chamfer (45 degree, 2 EA/set)	DCMT070204	DCMT070204	-	DCMT070204	DCMT070204
	Radius (2 pcs)	-	-	-	CF38iR1, R1.5, R2	
	Corner (rotary burr, 1pcs)	-	SK-1M-GT	-	-	SK-1M-GT
Air pressure / consumption rate		6kg/cm ² / 0.3 m ³ /min				
Weight		1.2 kgs				
Straight Line (plate)		0	0	0	0	0
Flat Shape		0	0	0	0	0
Hole		0	0	0	0	0
Inner corner of acute angle (min. 30 degree)		-	0	-	-	0
Radius		-	-	0	0	0

• Firmly grasp the body of the beveller, place the base plate on the work object, and work slowly with the tip touching the object.

• With the corner [R] guide flush against the face of bearing, work while moving in the direction of the tip's rotation.

• For beveling curves, holes must have a diameter of at least 7.5mm, and radii must measure at least 3.5mm.
• For beveling corners, radii must measure at least R1mm.

• Work objects with grooves must be at least 8mm thick.



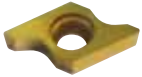
GT-100M Series 0 ~ 3C / 2R, 3R

Electric deburring machines

Straight line beveling



Curve or Hole beveling



Radius insert
CF100iR2, R3
Patent: insert available for chamfering and also radius chamfering
(10-2010-0013378)
Design: insert for beveling machine (30-2010-0006538)

Specification

GT-100M Series

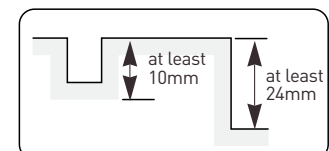
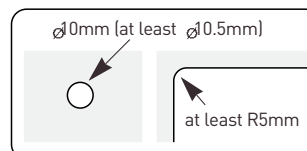
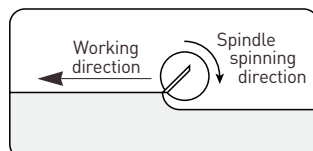
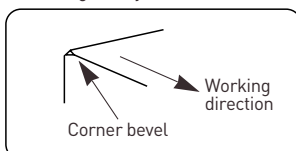
Model	GT-100M		GT-100MR
Beveling Adjustment	One-touch controller		
Adjustment Increment	min. 0.1mm step		
Weight	2.5kg		
Insert	No. of inserts: 2 inserts		
	Rough cut VCGW110304	Fine cut VCGT110304	CF100iR2, R3
Bevel Range	0 ~ 3C		R2, R3
Durable guide roller	Patented guide roller		Clamp bearing guide
Angle	45°		n/a
Drive Motor	720W (Metabo W72100)		
Guide Roller	Guide Roller (∅9.5)		Bearing type (∅10)
Usages	plate, curve, hole deburring (or Radius deburring)		

• Firmly grasp the body of the beveller, place the base plate on the work object, and work slowly with the tip touching the object.

• With the corner (R) guide flush against the face of bearing, work while moving in the direction of the tip's rotation.

• For beveling curves, holes must have a diameter of at least 10.5mm, and radii must measure at least 5mm.
• For beveling corners, radii must measure at least R1mm.

• Work objects with grooves must be at least 24mm thick.



Small pipe beveling machine

GTW-1000 0° ~ 90° / 0 ~ 6C

Weld preparation for small pipes & plates



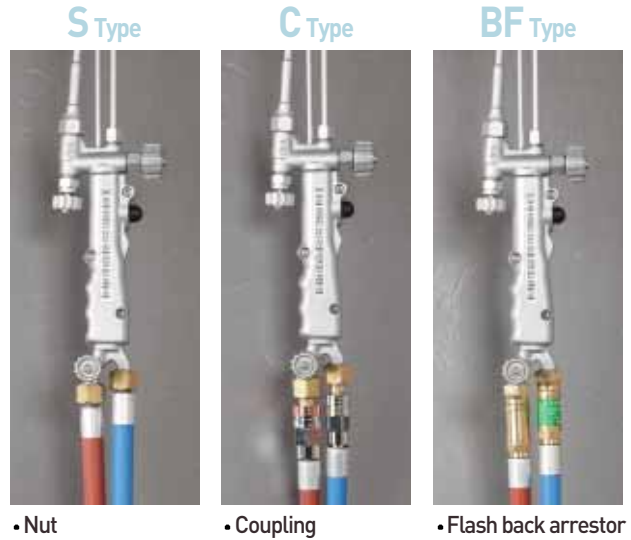
• Pipe roller device



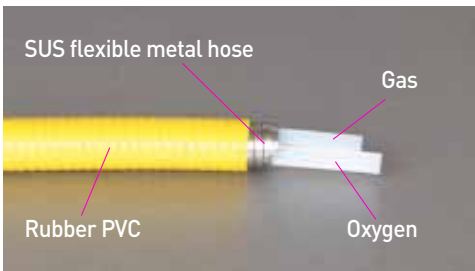
Specification		GTW-1000	
Bevel Adjustment	One-touch spline controller		
Adjustment increments	minimum 0.1mm step		
Usages	Plate & Pipe's beveling for weld preparation		
Maximum Bevel range per angle	0° ~ 90°		
	Degree	Thickness, mm (inch)	Width, mm (inch)
	0°	14 mm (0.551)	4 mm (0.157)
	15°	14.5 mm (0.570)	15.5 mm (0.610)
	30°	8.3 mm (0.326)	9.6 mm (0.378)
	45°	6 mm (0.236)	8.5 mm (0.334)
	75°	1.6 mm (0.062)	6 mm (0.236)
90°	5 mm (0.196)	6.4 mm (0.252)	
Pipe Size	minimum 50A (60.5 mm or 2")		
Pipe roller device	15A (21.7mm or 1/2") ~ 80A (89.1mm or 3")		
Weight	3.2kg (2.8kg)		
Power	850W		
Inserts	No. of inserts: 3 inserts / Parts no.: CFWB080360		
Applications	Steel (carbon & stainless steel, etc.), Non-ferrous metal, other materials		

Single line oxygen welding / cutting hose

Single-S / C / BF (LS / LC / LBF)



• Construction



• Cut construction



• Standard

Section	Unit	Standard (S / C / BF)		Steel works / Shipbuilding (LS / LC / LBF)		
		OX	Gas	Unit	OX	Gas
ID	ø mm	4.0	3.0	ø mm	5.5	4.0
CO	ø mm	6.0	5.0	ø mm	7.9	6.0
Pressure	Mpa	2.0	0.15	Mpa	2.0	0.15
Round		16mm		18mm		

• Features

- 1.No hole made by spark
- 2.No tangle
- 3.Small bulk
- 4.Very flexible
- 5.No hardening at subzero

AR / MR - Single

Auto-rewind reel single line oxygen welding / cutting hose



• Product standard

Hose length	size	weight
10m	320(D)× 200× 380mm	14kg
15m	320(D)× 200× 380mm	14kg
20m	320(D)× 200× 380mm	14kg
30m	400(D)× 200× 480mm	20kg

• Features

- 1.It will automatically wind it self up
- 2.It is easy to adjust the oxygen line
- 3.It is easy to organize it during or after work

• Comparison

	Daehan single line	Twinlineoxygen welding / cutting hose
Strength	<ol style="list-style-type: none"> 1.No hole made by spark 2.No tangle 3.Small bulk 4.Very flexible 5.No hardening at subzero 	<ol style="list-style-type: none"> 1.Relatively cheap 2.Easy to repair when damaged
Weakness	<ol style="list-style-type: none"> 1.Relatively more expensive than the twin hose 2.Difficult to repair when damaged by impact of droppings and etc. 	<ol style="list-style-type: none"> 1.Very weak against spark 2.Easy to get tangle 3.Bulky and inconvenient 4.Hardening at subzero



Registered ISO 14001:2004



ISO 9001:2008

For corners (R), straight lines and curves
One-touch Beveller



DAESUNG GT
DAESUNG GOLDEN TECHNOLOGY CO., LTD.

Professional leading manufacturer of bevellers

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