



STRUCTURAL STEEL MACHINERY

www.kotecsystem.com



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The Technology For Future

Edition for January, 2025

Greeting

While we, KOTEC SYSTEM, Specialized in fabricating industrial machinery for the structural steel, we are lasting quite splendid achievement and endeavoring to contribute to structural steel industry with the maximum customer satisfaction.

To reach this goal calls for continuous investment in our product development to ensure that we are always able to offer the most suitable solution at peak levels of efficiency.

Structural steel Fabricating & processing machinery of KOTEC SYSTEM are well-known for high performance and reliability. Customized features and dedicated service provided by KOTEC SYSTEM helps clients with guaranteed satisfaction.

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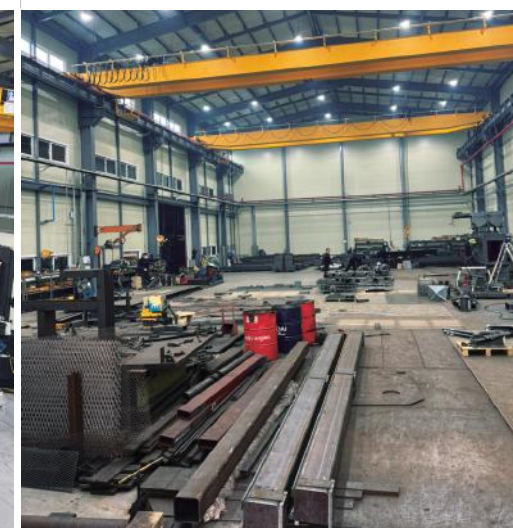


/ 1st Factory /

01



02



03



/ 01~03 Manufacturing Facility /

Global channel

KOTEC SYSTEM provides high-quality technical services and superior products to numerous regions across the globe, collaborating with branches and local partners.

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CHINA	Shanghai Xingyi Road
VIETNAM	HA NOI HOANG MAI DISTRICT
INDIA	Pune Maharashtra state

Overseas Agencies

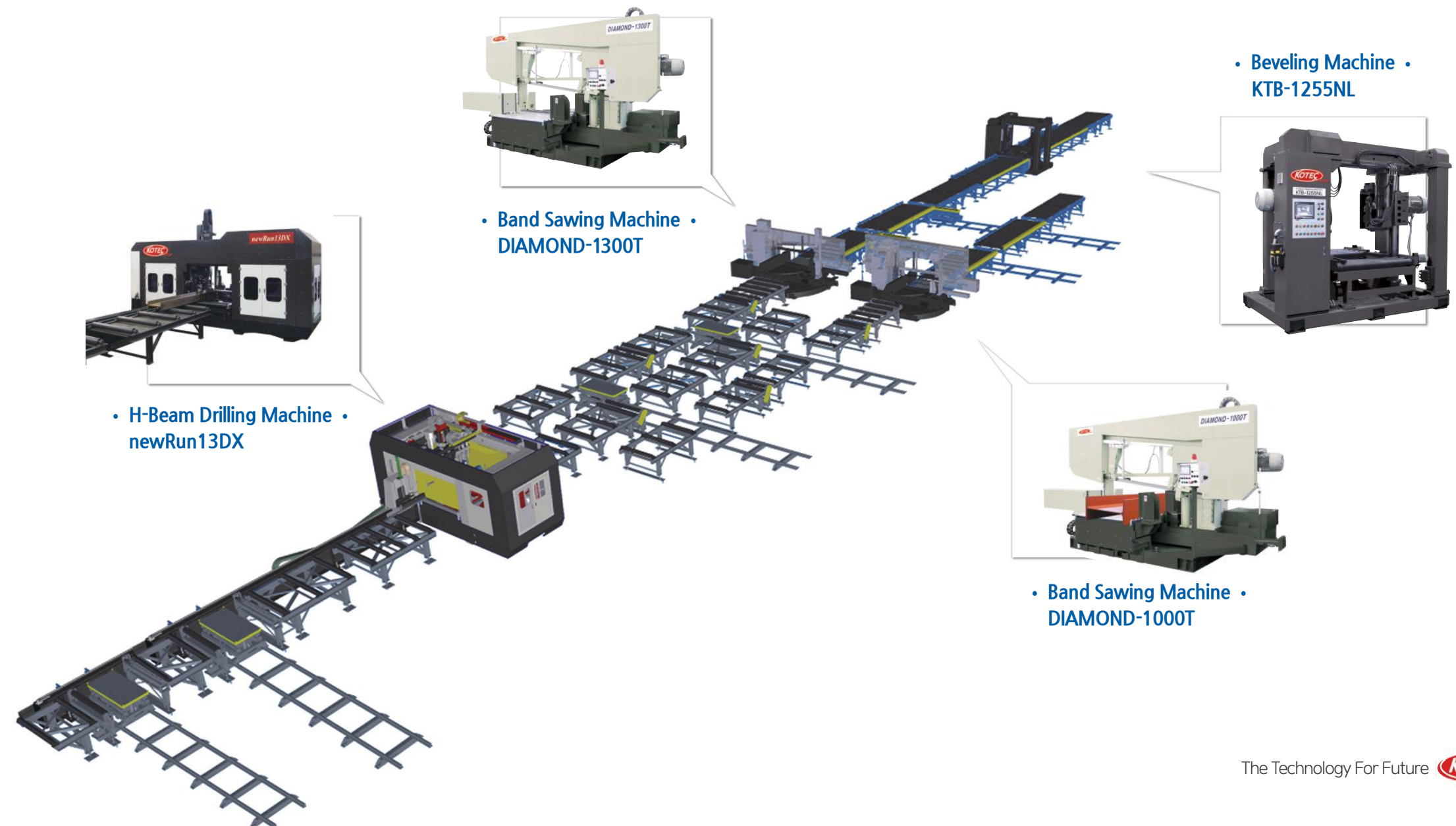
China	Japan	Australia	Thailand	Singapore	Vietnam
Malaysia	Myanmar	Philippines	Indonesia	India	England
Holand	France	Canada	Russia	Turkey	Saudi Arabia
Algeria	Mexico	U.A.E	USA	Canada	Belarus
Uzbekistan					



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H-BEAM PROCESSING LINE SYSTEM



ROBOT COPING MACHINE

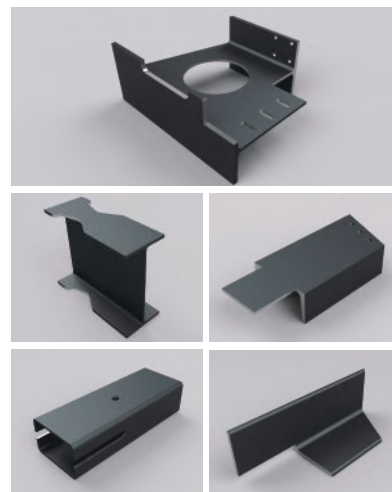


>> Features

1. Versatile shape processings are available by Complex functions such as Cutting, Hole Processing, Beveling..etc
2. Weld Line Marking Function Using Plasma Marking
3. Implementation of Various Machining Shapes with a 6-Axis Robot
4. Length Cutting Realization Through Synchronized Control of Robot and Carriage(e.g., T-Bar Cutting, Wave Cutting, Taper Cutting, etc.)
- 5.Database Support for Repeated Machining Patterns



Coping



>> Specifications

MODEL		K-master 13	K-master 10	K-master 7
Processing capacity	H	150×75 ~ 1,300×600mm	125×60 ~ 1,000×500mm	100×75 ~ 700×400mm
	П	150×75 ~ 380×100mm	125×60 ~ 380×100mm	100×65 ~ 380×100mm
	L	150×150 ~ 300×300mm	125×125 ~ 300×300mm	100×100 ~ 300×300mm
	□	250×250 ~ 400×400mm	125×125 ~ 400×400mm	100×75 ~ 400×400mm
Carriage stroke		125×60 ~ 1,050×550mm		
Plasma power source		MAXPRO200A / XPR300		
Weight		10,000kg	7,000kg	5,000kg

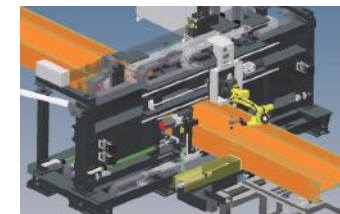
* NOTE : Specifications are subject to change for quality improvement.

ROBOT COPING & DRILLING MACHINE

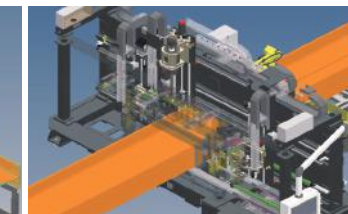


>> Features

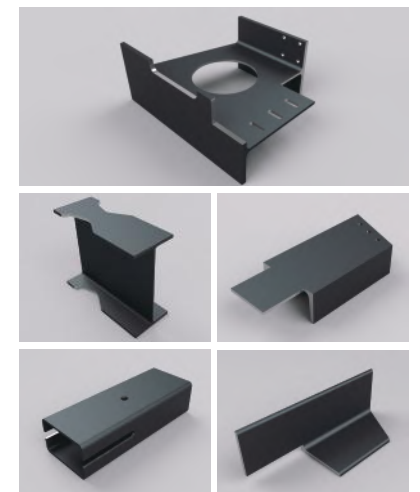
1. Versatile shape processings are available by Complex functions such as Cutting, Drilling, Tapping Beveling Hole Processing..etc
2. Weld Line Marking Function Using Plasma Marking
3. Implementation of Various Machining Shapes with a 6-Axis Robot
4. Length Cutting Realization Through Synchronized Control of Robot and Carriage (e.g., T-Bar Cutting, Wave Cutting, Taper Cutting, etc.)
- 5.Database Support for Repeated Machining Patterns



Coping



Drilling(ATC)



>> Specifications

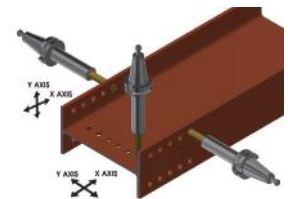
MODEL		newPrime 13	newPrime 10	newPrime 7
Processing capacity	H	150×75 ~ 1,300×600mm	125×60 ~ 1,000×500mm	100×75 ~ 700×400mm
	П	150×75 ~ 380×100mm	125×60 ~ 380×100mm	100×65 ~ 380×100mm
	L	150×150 ~ 300×300mm	125×125 ~ 300×300mm	100×100 ~ 300×300mm
	□	250×250 ~ 400×400mm	125×125 ~ 400×400mm	100×75 ~ 400×400mm
Carriage stroke		125×60 ~ 1,050×550mm		
Drill bit capacity		Oil HOLE, Tungsten Carbide Drill : Ø10~Ø40mm		
Plasma power source		MAXPRO200A / XPR300		
Weight		15,000kg	13,000kg	12,000kg

* NOTE : Specifications are subject to change for quality improvement.

BEAM DRILLING & SAWING TANDEM LINE

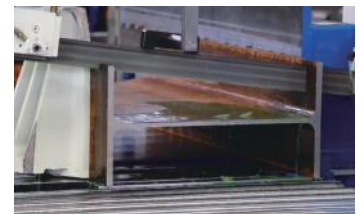


Spindle movement
in X direction



>> Features

1. Work space saving and simultaneous control of drill & cutting by one operator
2. Fast drilling with tungsten carbide drill
3. Spindle movement in X direction (Beam length direction)
4. Easy data input and human interface
5. Fast and precise material feeding by servo system – Carriage type
6. Automatic cutting of both angles (-45° + 60°)



Bandsawing

>> Specifications

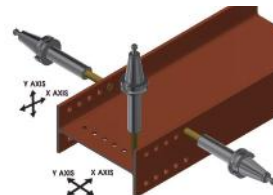
MODEL		newRun 13DX TANDEM LINE	newRun 10DX TANDEM LINE	newRun 7DX TANDEM LINE
DRILLING				
Processing capacity	H	150×75 ~ 1,300×600mm	125×60 ~ 1,000×500mm	100×75 ~ 700×400mm
	Π	150×75 ~ 380×100mm	125×65 ~ 380×100mm	100×65 ~ 380×100mm
	L	150×150 ~ 300×300mm	125×125 ~ 300×300mm	100×100 ~ 300×300mm
	□	250×250 ~ 1,300×300mm	125×125 ~ 1,000×300mm	100×75 ~ 700×300mm
Carriage stroke		13m(Standard)		
Drill bit capacity		Oil HOLE, Tungsten Carbide Drill : $\varnothing 12 \sim \varnothing 40$		$\varnothing 12 \sim \varnothing 32$
Dimension(W×L×H)		5,768×1,950×3,500mm (without Carriage)	5,000×1,550×3,200mm (without Carriage)	5,000×1,770×2,500mm (without Carriage)
Weight		12,500kg	9,400kg	7,700kg
BAND SAWING				
Capacity	90°	1,300×600mm	1,000×600mm	700×400mm
	-45°	850×600mm	650×600mm	450×400mm
	+60°	540×600mm	400×600mm	250×400mm
Blade size(W×T×L)		67×1.6×9,980mm	54×1.6×8,800mm	41×1.3×6,250mm
Dimension(W×L×H)		5,150×2,050×3,215mm	4,400×1,890×2,715mm	3,050×1,700×2,680mm
Weight		8,750kg	6,850kg	4,500kg

* NOTE : Specifications are subject to change for quality improvement.

DX series BEAM DRILLING MACHINE



Spindle movement
in X direction



>> Features

1. Fast drilling with tungsten carbide drill
2. Spindle movement in X direction (Beam length direction)
3. Easy data input and human interface
4. Fast and precise material feeding by servo system – Carriage type

>> Specifications

MODEL		newRun 15DX	newRun 13DX	newRun 10DX	newRun 7DX
Processing capacity	H	300×150 ~ 1,500×700mm	150×75 ~ 1,300×600mm	125×60 ~ 1,000×500mm	100×50 ~ 700×400mm
	П	N/A	150×75 ~ 380×100mm	125×50 ~ 380×100mm	75×40 ~ 380×100mm
	L	N/A	150×150 ~ 300×300mm	125×125 ~ 300×300mm	75×75 ~ 300×300mm
	□	N/A	150×150 ~ 1,300×600mm	125×125 ~ 1,000×500mm	75×75 ~ 700×400mm
Carriage stroke		7m(Standard)	13m(Standard)	13m(Standard)	13m(Standard)
Drill bit capacity		Oil HOLE, Tungsten Carbide Drill : Ø12~Ø40	Oil HOLE, Tungsten Carbide Drill : Ø12~Ø40	Oil HOLE, Tungsten Carbide Drill : Ø12~Ø40	Oil HOLE, Tungsten Carbide Drill : Ø12~Ø32
Dimension (W×L×H)		6,000×1,950×3,500mm (without Carriage)	5,768×1,950×3,500mm (without Carriage)	4,500×2,000×3,200mm (without Carriage)	5,000×1,770×2,500mm (without Carriage)
Weight		14,800kg	12,500kg	9,400kg	7,700kg

* NOTE : Specifications are subject to change for quality improvement.

S series BEAM DRILLING MACHINE



>> Features

1. Fast drilling with tungsten carbide drill
2. Adopts an easy and simple method for processing data input.
(Option: NC1, DXF file conversion program)
3. Fast and precise material feeding by servo system – Carriage type
4. Capable of hole processing on three axis for various structural steel shapes.



>> Specifications

MODEL		newRun 13S	newRun 10S	newRun 7S
Processing capacity	H	150×75 ~ 1,300×600mm	125×60 ~ 1,000×500mm	100×50 ~ 700×400mm
	П	150×75 ~ 380×100mm	150×65 ~ 380×100mm	75×40 ~ 380×100mm
	L	150×150 ~ 300×300mm	125×125 ~ 300×300mm	65×65 ~ 300×300mm
	□	150×150~ 400×400mm	125×125 ~ 500×500mm	65×65 ~ 400×400mm
	▣	—	—	75×45 ~ 250×85mm
Carriage stroke		13m(Standard)	13m(Standard)	13m(Standard)
Drill bit capacity		Oil hole, Tungsten carbide drill : φ12~φ40	Oil hole, Tungsten carbide drill : φ12~φ40	Oil hole, Tungsten carbide drill : φ8~φ32
Dimension (W×L×H)		5,000×1,850×2,950mm (without Carriage)	4,600×1,750×2,950mm (without Carriage)	4,200×1,750×2,900mm (without Carriage)
Weight		11,000kg	7,900kg	6,200kg

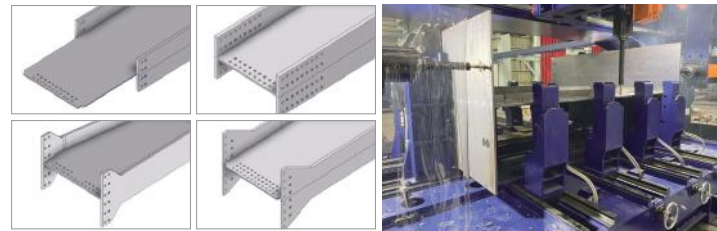
* NOTE : Specifications are subject to change for quality improvement.

GANTRY TYPE MULTI BEAM DRILLING MACHINE



>> Features

1. Maximum working range: 2,500×1,200mm
2. Fast hole drilling enabled by the use of carbide drills
3. X-axis drill movement system (beam length direction)
4. Simple machining data input method applied
5. Simultaneous loading of two materials allows continuous hole drilling



Drilling(ATC)

>> Specifications

MODEL		newRun 25
Processing capacity	Size	600×200 ~ 2,500×1,200mm
	Length	2,500 ~ 16,000mm
	Thickness	9 ~ 70mm(WEB, FL)
	Drill	Drill : $\phi 12 \sim \phi 40$
Machine structure		Gantry traveling(24,000mm)
Drill Spindle Motor		Built-in spindle motor(BT-50)
ATC (Auto Tool Change System)		N/A
Dimension(W x L x H)		6,750×3,000×3,785
Weight		14,000kg

* NOTE : Specifications are subject to change for quality improvement.

H-BEAM BEVELING MACHINE

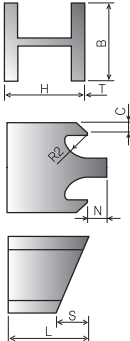


>> Features

1. Simultaneous operations – facing, scallop, bevel
2. Automatic continuous operation
3. Sturdy fixation with hydraulic vise



>> Specifications

MODEL		KTB-1555NL		KTB-1255NL		
Processing capacity	H	200 ~1,500mm		200 ~1,200mm		
	B	100~600mm				
	T	6~55mm				
	L	Min. 400mm				
	C	Max. 55mm				
	S	-30~300mm				
	R2	R35				
	N	Max. 50mm				
Cutting head motor		2EA				
Dimension(W×L×H)		3,227×2,281×2,767mm		2,250×3,170×2,610mm		
Weight		9,000kg		8,500kg		

* NOTE : Specifications are subject to change for quality improvement.

BAND SAWING MACHINE (Servo control)



>> Features

1. Significantly high cutting speed (servo-controlled cutting)
2. Capable of cutting up to a maximum of 45° (digitally controlled angle)
3. Stable cutting using LM (Linear Motion) guides



>> Specifications

MODEL		DIAMOND-1300TS			DIAMOND-1000TS			DIAMOND-800TS		
Capacity	Round(Φ)	90°	Φ600	Φ600	90°	Φ650	Φ600	90°	Φ580	Φ480
	Square(W×H)		1,300×600mm	750×600mm		1,000×600mm	620×600mm		800×500mm	480×500mm
	Bundle(W×H)		1,300×430mm	750×430mm		1,000×430mm	620×430mm		800×300mm	480×300mm
Saw blade	Blade speed	20~90m/min			20~90m/min			20~90m/min		
	Blade size(W×T×L)	67×1.6×9,700mm			67×1.6×9,200mm			54×1.6×8,000mm		
Feeding stroke		320mm			340mm			200mm		
Dimension(W×L×H)		5,400×2,560×2,600mm			4,500×2,280×2,900mm			4,100×1,860×2,650mm		
Weight		8,750kg			6,850kg			5,500kg		

* NOTE : Specifications are subject to change for quality improvement.

BAND SAWING MACHINE (Hydraulic control)



>> Features

1. Capable of cutting up to a maximum of 45° (digitally controlled angle)
2. Stable cutting using LM (Linear Motion) guides
3. Automatic control of cutting speed and end point

>> Specifications

MODEL		DIAMOND-1300T			DIAMOND-1000T			DIAMOND-700T		
Capacity	Round(Φ)	90°	Φ600	Φ600	90°	Φ600	Φ600	90°	Φ400	Φ380
	Square(W×H)		1,300×600mm	750×600mm		1,000×600mm	600×600mm		700×400mm	380×400mm
	Bundle(W×H)		1,300×430mm	750×430mm		1,000×430mm	600×430mm		700×300mm	380×300mm
Saw blade	Blade speed	20~90m/min			20~90m/min			20~90m/min		
	Blade size(W×T×L)	67×1.6×9,700mm			54×1.6×8,800mm			41×1.3×5,790mm		
Feeding stroke		320mm			320mm			N/A		
Dimension(W×L×H)		5,400×2,560×2,600mm			4,800×2,250×2,550mm			2,850×1,850×2,400mm		
Weight		8,750kg			6,850kg			4,500kg		

* NOTE : Specifications are subject to change for quality improvement.

BAND SAWING MACHINE (Servo control & Double miter)



>> Features

1. Capable of cutting up to a maximum of $-45^{\circ} \sim +60^{\circ}$ (digitally controlled angle)
2. Stable cutting using LM (Linear Motion) guides
3. Significantly high cutting speed (servo-controlled cutting)

>> Specifications

MODEL	DIAMOND-1300DT	DIAMOND-1000DT	DIAMOND-700DT
Capacity	90°	1,300×600mm	1,000×600mm
	-45°	850×600mm	650×600mm
	+60°	540×600mm	400×600mm
Saw blade	Blade speed	20~90m/min	20~90m/min
	Blade size(W×T×L)	67×1.6×9,980mm	54×1.6×8,800mm
Dimension(W×L×H)		5,150×2,050×3,215mm	4,400×1,890×2,715mm
Weight		8,750kg	6,850kg

* NOTE : Specifications are subject to change for quality improvement.

BAND SAWING MACHINE (Bundle)



>> Features

1. Specialized design for easy cutting of bundles and raw materials
2. Automatic cutting speed control system & cutting end point
3. LM (Linear Motion) guide for stable saw blade feed
4. Improved cutting speed by controlling it with a servo motor



>> Specifications

MODEL	DIAMOND-10A	DIAMOND-7A
Capacity	Bundle((W×H) 90° 1,000×1,000mm	90° 700×500mm
Saw blade	Blade speed	20~90m/min
	Blade size(W×T×L)	67×1.6×9,920mm
Feeding stroke	IN	3,000mm
	OUT	3,000mm
Dimension(W×L×H)		4,520×1,440×3,420mm
Weight		8,000kg

* NOTE : Specifications are subject to change for quality improvement.

ANGLE PUNCHING MACHINE



>> Features

1. Auto tool change system is available For multiple size holes
2. Automatic processing of Marking, punching & shearing by hydraulic system
3. Fast and precise material feeding by servo system – Carriage type
4. Angle auto-in/out feeding
5. Window OS system for easy data load



>> Specifications

MODEL	KAP-150A	KAP-120A
Max. Processing power	100Ton	60Ton
Max. Processing capacity	50mm×50mm×4t ~ 150mm×150mm×15t	40mm×40mm×3t ~ 125mm×125mm×10t
Max. Punching capacity	Max. Ø26×15t	Max. Ø26×10t
Processing data entry	Common patterns available	
Tool change	ATC(Auto tool change) 3 set per axis	ATC(Auto tool change) 2 set per axis
Shearing pressing Power	Power 220ton(Single cutting type)	Power 98ton(Single cutting type)
Shearing capacity	Min. 50mm×50mm×4t ~ Max. 150mm×150mm×15t	Min. 40mm×40mm×3t ~ Max. 125mm×125mm×10t
In & out feeding & Supply type(Optional)	IN : Automatic(Chain&Block Type) & Arm Supply Type Out : Automatic(Cylinder&Arm Type)	
Dimension(W×L×H)	1,680×2,600×2,150mm	1,680×2,300×2,150mm
Weight	9,100kg	7,500kg
Option	Marking system, Auto nesting program	

* NOTE : Specifications are subject to change for quality improvement.

SHOT BLAST MACHINE



>> Features

1. Saving installation space by compact design of the machine
2. Fast & effective shot-blasting possible
3. Great efficient shot-blasting by powerful impeller
4. Installation without pit



>> Specifications

MODEL	KSB-1050	KSB-9040
Material	H-BEAM & I-BEAM	
Capacity	H-1,000×500×12,000mm	H-900×400×15,000mm
Purpose	De-scaling	
Processing speed	Min.1 ~ Max.3m/min	
Processing quality	SIS, B Sa2 1/2 (at standard speed)	
Impeller unit	6set (Ø270×10HP)	4set(Ø270×10HP)
Dimension(W×L×H)	3,500×4,000×5,000mm	1,350×1,350×3,200mm

* NOTE : Specifications are subject to change for quality improvement.

PLATE PUNCHING MACHINE



Model : KTPK-100



Model : KTPK-100AT

>> Features

1. Max plate size 1,000 x 500 x 25t
2. Powerful punching action with a big cylinder
3. CAD file interface, DXF file
4. MS windows based OS, file upload with USB memory

>> Specifications

MODEL	KTPK-100	KTPK-100AT
Max. pressing power	100ton	
Max. Processing capacity	Min. 100×100×6t / Max. 1,000×500×25t (L×W×T)	
Max. Punching capacity	25t×Ø32	
Tool change	N/A	3set (2punches+1marking tool or 3punches)
Processing data entry	CAD file interface (18 patterns)	
Dimension(W×L×H)	2,200×2,900×2,000mm	2,200×2,800×1,900mm
Weight	4,500kg	5,400kg

* NOTE : Specifications are subject to change for quality improvement.

PORTABLE BEVELING MACHINE



>> Features

1. Portable type beveling machine
2. Self driving system to bevel a big plate
3. Tungsten carbide cutting insert – changeable

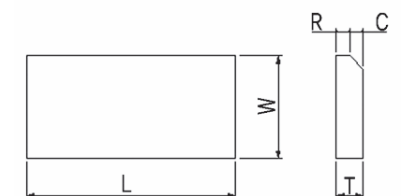
>> Specifications

MODEL	SMB-20C	
Cutting Speed	50Hz	280mm/min
	60Hz	330mm/min
Cutter Rotation	50Hz	250 RPM
	60Hz	300 RPM
Option	Table, Double inverter	
	Choose Upper or Lower bevelling	
Weight	260kg	

* OPTION : Inverter motor for stainless steel beveling



Work table : Option



L	200mm~Unlimited
W	150mm~Unlimited
T	4~40mm
C	Max. 20mm
Beveling angle	Choose 35° or 45°

PLATE BEVELING MACHINE

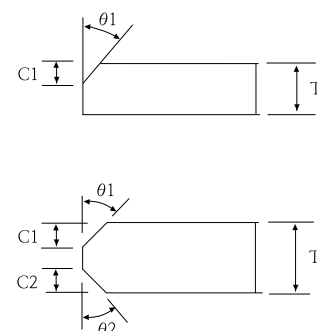


>> Features

1. Upper, lower cutter beveling at the same time
2. Bevel angle adjustable by digital control
3. Tungsten carbide cutting insert – changeable

>> Specifications

MODEL	PB-3000K	PB-5000K
Max. Plate length for beveling	3,000mm	5,000mm
Capacity	θ1	0~70°
	θ2	0~60°
	T	Max. 60mm
	C1	Max. 18mm (when θ=45°)
	C2	Max. 18mm (when θ=45°)
Cutting speed	100 ~ 750mm/min (Inverter control)	
Clamp	18 set	21 set
Cutting head motor	2EA	
Dimension (L×W×H)	4,850×1,710×1,950mm	8,630×1,870×2,540mm
Weight	8,500kg	16,500kg



* NOTE : Specifications are subject to change for quality improvement.

PLATE SUPER DRILLING MACHINE



GANTRY TYPE

>> Features

1. Carbide drill can be equipped with high-powered motor
2. CAD file interface, DXF file
3. MS windows based OS, file upload with USB memory
4. ATC (Auto Tool change) optional

SEMI GANTRY TYPE

>> Specifications

MODEL	D-MAX50				
Travelling type	Semi gantry type	Gantry type			
Max. processing capacity	600×3,000mm	2,000×1,000mm	3,000×1,000mm	4,000×1,500mm	6,300×2,500mm
Max. drill bit capacity	Ø40	Carbide drill : Ø50 / Taper drill : Ø50			
Processing data entry	CAD file interface(18 patterns)				
Tool change	N/A	Manual type / ATC(Auto Tool Change : option)-6sets			
Work clamp stroke	85mm(20~105mm)				
Work clamp	12set	12set	12set	16set	20set
Work point	4 point				
Dimension(W×L×H)	2,200×5,770(6,100)×2,500	2,250×3,700(4,600)×2,750	2,800×4,700(5,600)×2,750	3,300×5,200(6,500)×2,750	4,250×8,050(8,550)×2,750
Weight	4 600ka	5 400ka	6 200ka	8 200ka	11 500ka

* NOTE : Specifications are subject to change for quality improvement.

PLATE DRILLING MACHINE

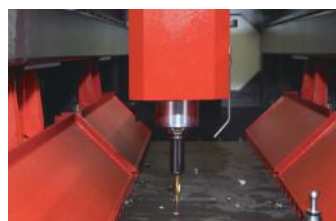


>> Features

1. Carbide drill can be used with high-powered motor
2. ATC (Auto Tool Change)
3. Can be installed on the same rail with the plasma cutting machine
4. MS windows based OS, file upload with USB memory
5. Auto nesting program



ATC(Auto Tool Change System)



Drilling

>> Specifications

MODEL	Twin-X (Drilling)
Machine structure	Gantry traveling
Controller	CNC
Max. processing capacity (W×T)	3,000×45mm (Length can be customized)
Max. drill bit capacity	Tungsten carbide drill (oil hole type) : Ø12~Ø40mm
Drill Spindle motor	Built-in spindle motor(BT-50)
ATC(Auto Tool Change System)	6SET
Work Table	Wood support
Dimension (W×L×H)	5,850×2,300×2,550mm (Machine)
Weight	7,100kg

* NOTE : Specifications are subject to change for quality improvement.

PLATE DRILLING & CUTTING MACHINE

Drill + cutting all-in-one

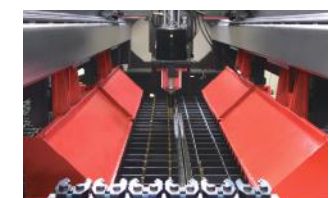


>> Features

1. ATC (Auto Tool Change) / Multi-production in small space (Drill + cutting)
2. Carbide drill can be used with high-powered motor
3. Fast cutting, no preheating necessary
4. Auto nesting program
5. MS windows based OS, file upload with USB memory



Plasma cutting



ATC(Auto Tool Change System)



Drilling

>> Specifications

MODEL	Twin-X
Machine structure	Gantry traveling
Controller	CNC
Max. processing capacity (W×T)	3,000×45mm (Length can be customized)
Max. drill bit capacity	Tungsten carbide drill (oil hole type) : Ø12~Ø40mm
Drill Spindle motor	Built-in spindle motor(BT-50)
ATC(Auto Tool Change System)	6SET
Work Table	Water table with Brass Pin&Grating
Dimension (W×L×H)	5,850×2,300×2,550mm (Machine)
Weight	7,100kg

* NOTE : Specifications are subject to change for quality improvement.

HIGH PRECISION PLASMA CUTTING MACHINE



>> Plasma Power Supply

MODEL	XPR 460		XPR 300	
Mild steel (mm)				
Production-pierce	(Argon available)	64	(Argon available)	50
	(Standard)	50	(Standard)	45
Severance-edge starts		90		80
Stainless steel (mm)				
Production-pierce		38		38
Severance-edge starts		90		75
Aluminum (mm)				
Production-pierce		38		38
Severance-edge starts		80		50



>> Features

1. High quality cutting equipped with Hypertherm Plasma Power supply
2. Additional marking, gas cutting torch available
3. Nesting software (optional)

>> Specifications

MODEL	KTP-320	KTP-420	KTP-520	KTP-640
Machine structure	Gantry travelling			
Controller	CNC			
Rapid speed	12,000mm/min(Max. 18,000mm/min)			
Machine width	5,030mm	6,030mm	7,030mm	8,200mm
Rail width	4,050mm	5,050mm	6,050mm	7,200mm
Effective cutting width	3,200mm	4,200mm	5,200mm	6,400mm
Power supply	Plasma : 380V / 3P / 50Hz or 60Hz			
	Controller : 220V / 3P / 50Hz or 60Hz / 5KVA(Unchangeable)			

* NOTE : Specifications are subject to change for quality improvement.

GAS CUTTING MACHINE



>> Features

1. All or individual torch Up/Down control
2. User specific cutting torch & marking torch available
3. Nesting software (optional)

>> Specifications

MODEL	KTG-320	KTG-420	KTG-520	KTG-640
Machine structure	Gantry travelling			
Controller	CNC			
Rapid speed	12,000mm/min(Max. 18,000mm/min)			
Machine width	5,030mm	6,030mm	7,030mm	8,200mm
Rail width	4,050mm	5,050mm	6,050mm	7,200mm
Effective cutting width	3,200mm	4,200mm	5,200mm	6,400mm
Power supply	220V / 3P / 50Hz or 60Hz / 5KVA			

* NOTE : Specifications are subject to change for quality improvement.

GAS & PLASMA CUTTING MACHINE



>> Specifications

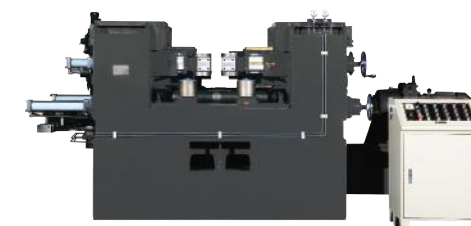
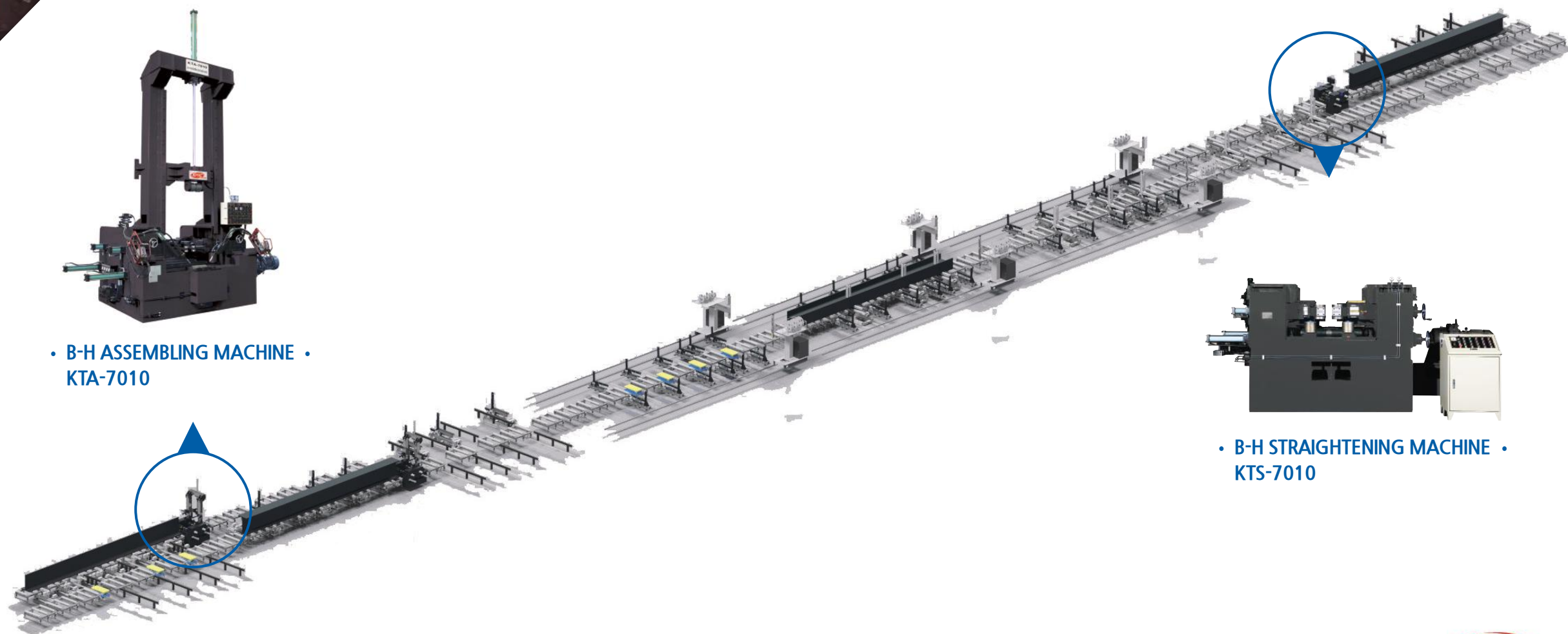
MODEL	KTPG-320	KTPG-420	KTPG-520	KTPG-640
Machine structure	Gantry travelling			
Controller	CNC			
Rapid speed	12,000mm/min(Max. 18,000mm/min)			
Machine width	5,030mm	6,030mm	7,030mm	8,200mm
Rail width	4,050mm	5,050mm	6,050mm	7,200mm
Effective cutting width	3,200mm	4,200mm	5,000mm	6,400mm
Power supply	Plasma : 380V / 3P / 50Hz or 60Hz			
	Controller : 220V / 3P / 50Hz or 60Hz / 5KVA(Unchangeable)			

* NOTE : Specifications are subject to change for quality improvement.

B-H PROCESSING LINE SYSTEM



• B-H ASSEMBLING MACHINE •
KTA-7010



• B-H STRAIGHTENING MACHINE •
KTS-7010

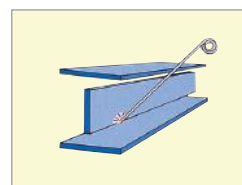
B-H ASSEMBLING MACHINE



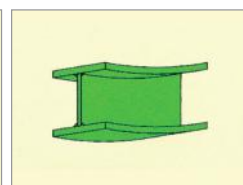
Model : KTA-7010

>> Features

1. H-Beam assembling, PEB / Camber beam option
2. Simple beam adjustment and operation
3. Tack welding / Full welding selectable



Tack welding



Camber beam(option)

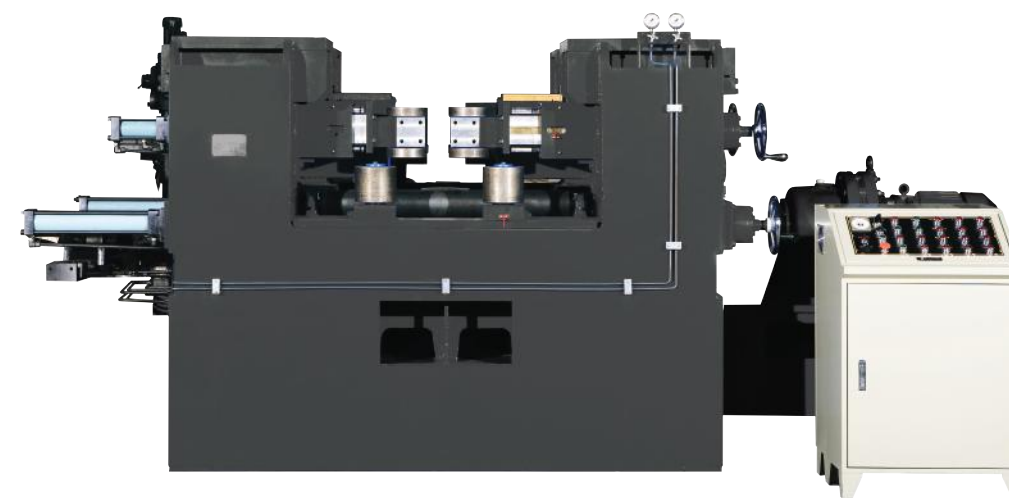
>> Specifications

MODEL	KTA-7010	KTA-4060
Flange capacity	Max. 1,000mm×70t	Max. 600mm×45t
	Min. 200mm×16t	Min. 200mm×12t
Web capacity	2,000mm (Standard)	1,500mm (Standard)
	Min. 312mm	Min. 300mm
CO ₂ welding source	600A(2set)	
Dimension(W×L×H)	3,700×1,950×5,500mm	3,000×1,800×4,800mm
Weight	13,000kg	7,800kg

* NOTE : Specifications are subject to change for quality improvement.

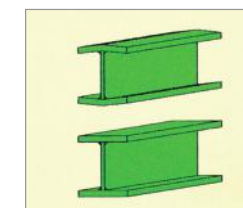
B-H STRAIGHTENING MACHINE

Welding H-Beam straightening machine

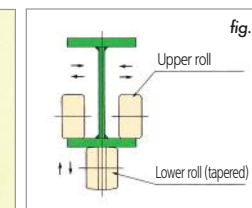


>> Features

1. Deformed flange straightening
2. Designed for durable operation
3. Fast operation, increased productivity



Flange de-warping

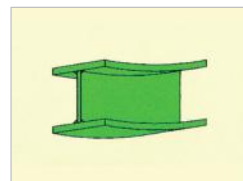
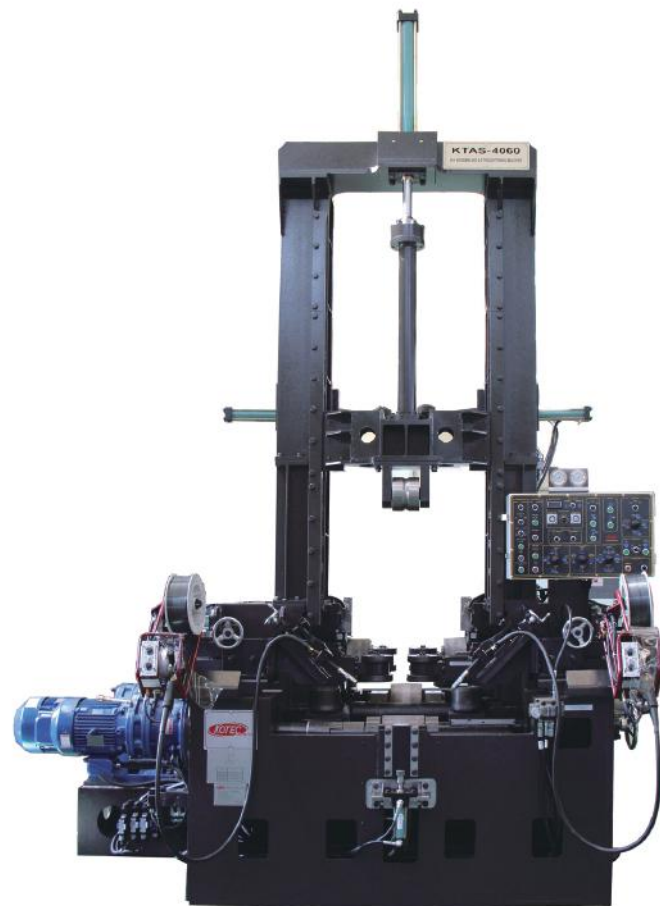


>> Specifications

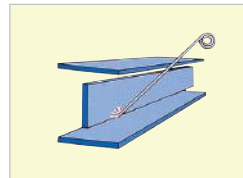
MODEL	KTS-7010	KTS-4060
Flange capacity	Max. 1,000mm×70t	Max. 600mm×45t
	Min. 200mm×16t	Min. 200mm×12t
Web capacity	Min. 312mm	Min. 300mm
Straightening speed	8m/min	6.5m/min
Straightening power	120ton	100ton
Dimension(W×L×H)	4,500×1,850×1,900mm	3,115×2,285×1,500mm
Weight	13,000kg	8,000kg

* NOTE : Specifications are subject to change for quality improvement.

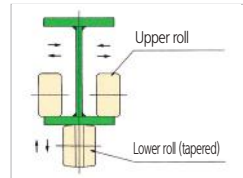
B-H ASSEMBLING & STRAIGHTENING MACHINE



Camber beam(option)



Tack welding



Straightening

>> Features

1. Combined machine for labor cost & saving space
2. H-Beam assembling + Straightening operation
PEB camber beam – optional
3. Submerged arc welding (SAW) – optional

>> Specifications

MODEL		KTAS-7010	KTAS-4060
Flange capacity	Assembly	Max. 1,000mm×70t	Max. 600mm×45t
	Straight	Max. 1,000mm×70t	Max. 600mm×45t
Web capacity	Standard	2,000mm	1,500mm
		Min. 312mm	Min. 300mm
CO ₂ welding source		600A(2set)	
Straightening speed		8m/min	6.5m/min
Straightening power		120ton	100ton
Dimension(W×L×H)		4,500×2,500×6,630mm	3,500×2,300×5,000mm
Weight		16,000kg	10,000kg

* NOTE : Specifications are subject to change for quality improvement.

SUBMERGED ARC WELDING MACHINE



Model : 25CT



Model : 2000WDS



>> Features

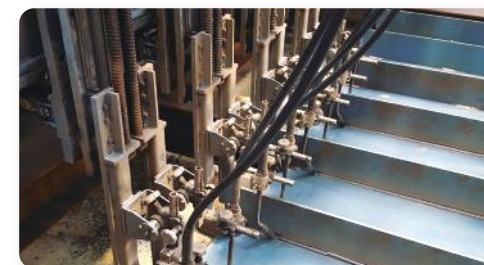
1. Optimized for heavy material manufacturing
2. Use of high-quality materials (EGI plate)

>> Specifications

MODEL	Input Volt	Input Capacity	No load Volt	Output Current	Output Volt	Duty Cycle	Dimension	Weight
1000WDS	220V/380V/440V	80KVA	82V	300~1000A	12~48V	80% @ Rated Output	75×1100×1150mm	415kg
1500WDS		120KVA	82V	300~1500A	18~52V		800×1050×1400mm	700kg
2000WDS		160KVA	82V	300~2000A	18~52V		800×1050×1400mm	720kg

* NOTE : Specifications are subject to change for quality improvement.

AUTO WELDING MACHINE (Gantry Type)



>> Features

1. Available for H-beam, Box-beam, PEB-beam, Camber beam
2. Automatic welding system for various beam