The world Technology Center

Group Company

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KANFON 岡豐

A Brand of Ultra-Precision Sheet Metal Equipment

Create a new vision for manufacturing by navigating technology.
Provide cross-border reliable quality and service.

3i

Ideal
Providing perfect products to customers, we contribute ideal to entire manufacture industry in the world.

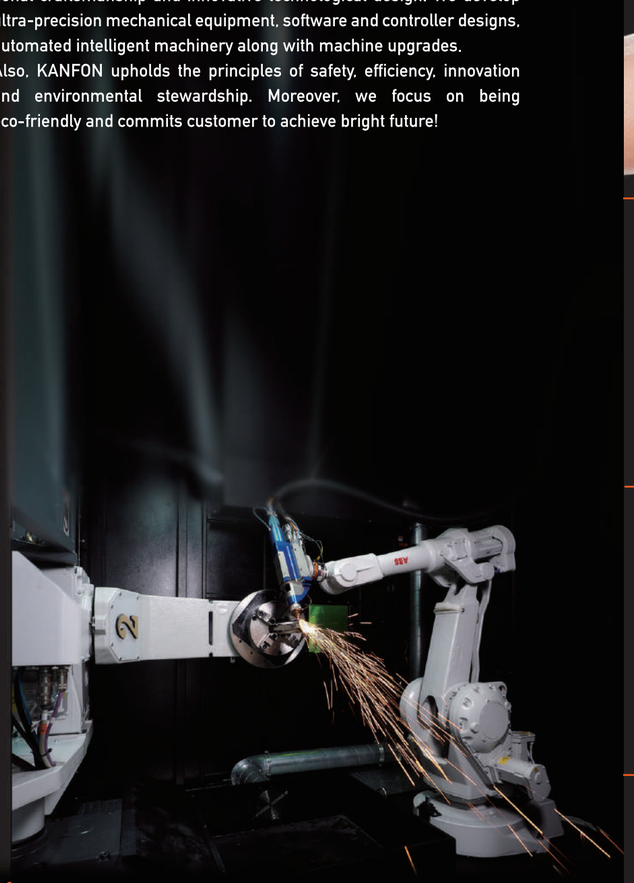
Innovation
We continuous making innovation in sheet metal manufacture.

Intelligence
Intelligent machines help your factory achieve automation production.

Origin of Brand
KANFON was founded in Taiwan, an island renowned for its majestic mountains in the Pacific. The company's name is derived from two Chinese characters: "KAN" refers to strength of a mountain ridge, "FON" refers to lush natural beauty of Taiwan. The company's brand and product offering represents unparalleled reliability. KANFON has been a world leading brand in ultra-precision sheet metal machinery and laser applications.

Ideal of Product
KANFON acts in accordance with government regulations which are regarding fair market practices and free competition. Through technical cooperation and exchange, KANFON's μ Servo Banding Machine obtained CE certification in 2017. This allowed for the free circulation of the product in the EU.
KANFON has been highly praised by many customers at home and abroad. KANFON's products have also been successful in the Asian market. Moreover, the company has the goal of being a world class producer of Taiwanese products and will quickly become an important world renowned brand in precision metal equipment.

Commitments to Customers
KANFON's brand represents pursuit of perfection and takes both traditional craftsmanship and innovative technological design. We develop ultra-precision mechanical equipment, software and controller designs, automated intelligent machinery along with machine upgrades.
Also, KANFON upholds the principles of safety, efficiency, innovation and environmental stewardship. Moreover, we focus on being eco-friendly and commits customer to achieve bright future!



Eco-Friendly

Safety

μ Servo Bending Machine

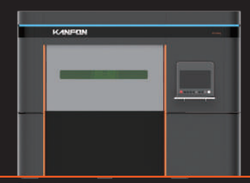
Humanized Design

μ Fiber Laser Work Station

Durability

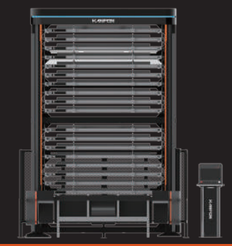
3D Fiber Laser Cutting/Welding Complex System

Ultra-Precision



μ Fiber Laser Cutting Machine

High-Speed



Intelligent Automatic Storage System

High-Productivity

μ Servo Bending Machine

1.High-Speed and Ultra-Precision Production
2.User-Friendly Interface and Intelligent Controller
3.Eco-Friendly and Less Energy Consumption
4.High-Rigidity Body Design
5.±1μm Repetition Accuracy by Drive-Servo Motor
6. AI Study Mode

Model	Unit	μ Servo 600 Win	μ SERVO 1300/1300+ WIN / PRO	μ SERVO 2000 WIN / PRO	μ SERVO 2500 WIN / PRO
Bending Length	mm	600	1300	2000	2500
Throat Depth	mm	180	376	249	250
Open Height	mm	403	403	420	470
Ram Stroke	mm	150	150	160	180
Maximum Press Force	kn	130	260/360	560	850
Closing Speed	mm/sec	100	120/100	80	67
Bending Speed	mm/sec	20	20/20	20	20
Range of Back Guage (fore-aft)	mm	300	500	500	500
Axis Number	axis	2	6	6	6
Machine Dimensions (WxDxH)	mm	1180x1254x2100	1880*1458*2150	2580x1453x2355	3100x1670x2710

3D Fiber Laser Cutting/welding Complex System

1.High-Speed and Energy-Saving by High-Efficiency Fiber Laser
2.Speed and Accuracy Perfectly Advanced Robotic Arm
3.Revolutionary Cutting and Welding Complex Head
4.Intelligent Path Programming
5.User Friendly Interface
6.The Best Safety Protection for Users
7.Significantly Shorten the Production Schedule by The Double-Station Rotary Table
8.Highly-Customized
9. Develop 11-Axis Controller for Fiber Laser Operation Independently

Laser Source	
Power	1~6kW
Wavelength	1070~1080
Robot Arm	Robot Arm with 6-Axis and Multi-Joint
The Equipment of Fiber Laser for 3D	Cutting, Welding, Cutting/Welding
Double Rotary Table	
Capacity (Single)	250kg 、500kg、750kg
Software and Human-Machine Interface	
CAD/CAM	Advanced Control Software for Manufacturing
Human-Machine Interface	Touchscreen
Safty Equipment	Safty Locker,Cover , Monitor, Light Curtain, Indicator, Laser Goggles with CE certifaction
Others	
Cooling System	Chiller for High Capacity Fiber Laser
Dust Collector	High-Performance Duster Equipment
Option	Filler System, Weld Tracking, Weld Inspection
Machine Dimensions (WxDxH)	4000 *3000*2470(mm)

μ Fiber Laser Work Station

1.The Most Advanced Ultra-Precision Fiber Laser
2.Galvano Scanner System
3.Excellent Electromechanical Integration Technology
4.Matched with Positioning and Compensation for Vision
5.AOI (Automatic Optic Inspection)
6.Automatic Feeding and Unloading apparatus
7.Micro Application on Various Materials and Special Surface Treatment.

Wavelength	IR / Green / UV
Power(W)	IR: 30~100W/1.5~3kW Green:10~30 W UV:Based on cases
Work Spec.	110×110mm (Option:170×170mm/300×300mm)
Precess Work Spec.	Dimensions:500x500 ; Capacity(MAX):30KG
Software	Windows 10
Warning device	Operating Indicator
Safty Regular	Cover with Laser Safty Regular
Cooling System	Air-Cooled
Electricity Usage	AC100～240V
Monitor	Followed by Laser Safty Regular
Draught Equipment	Draught Motor and Activated Carbon Filter (Option:Large Draught Equipment)
Door Open Method	Electricity Rolling-Up Door
Machine Dimensions (WxDxH)	1100x1000x1975(mm)

μ Fiber Laser Cutting Machine

1.High-Stiffness and Ultra-Precision Maglev Drive System.
2.High Speeds and Ultra-Precision.
3.Top Mechatronic Technology Integration
4.Adopted Fiber Laser
5.Saving 60% of Original Electricity
6.Develop User-Friendly Interface Independently
7.Customized Services
8.High-Rigidity Body with Marble
9.±3μm Repetition Accuracy

	Unit	FLC-0606	FLC-1206	FLC-1212	FLC-2512	FLC-3015
Power	w	500/1000/2000/3000/4000/6000 W				
Max. Work Spec	mm	650×650	1250×650	1250×1250	2450×1250	3050×1525
XY Speed	m/min	85	85	85	108	198
Highest Speed	m/min	X,Y:60; Z:30	X,Y:60; Z:30	X,Y:60; Z:30	X:60;Y:90; Z:30	X,Y:140; Z:60
Positional Accuracy(XY)	mm	±0.005/500	±0.005/500	±0.005/500	±0.005/500	±0.01/500
Horizontal Accuracy(XY)	mm	±0.003	±0.003	±0.003	±0.003	±0.01
Machine Dimensions (WxDxH)	mm	2025 × 2390 × 2070	2625 × 2390 × 2070	2625 × 2990 × 2070	4500 × 2300 × 4900	3210 × 2350 × 10000
Approximate Weight	t	3	4.9	6.1	8.8 / 10.5	16.3

Intelligent Automatic Storage System

1.Safety Working Environment
2.High-Performance Material Management
3.Intelligent Management System
4.Variety of Machinery Option
5.High-Rigidity and Energy-Saving Structure
6.Optimize Space Arrangement

Model	SMF-4825	SMF-4825S	SMF-51025	SMF-4818	SMF-4818S	SMF-51018	SMT-51013	SMT-51017
Work Spec	4'x 8'	4'x 8'	5'x 10'	4'x 8'	4'x 8'	5'x 10'	5'x 10'	5'x 10'
Max. Capacity/ Pallet	1400kg	2000kg	2000kg	1400kg	2000kg	1400kg	2000kg	2000kg
Pallet Space/ Pallet	165mm	190mm	165mm	170mm	195mm	170mm	170mm	170mm
System Width(A)	3460mm	3460mm	4390mm	3620mm	3620mm	4260mm	4080mm	4080mm
System Height(B)	5700mm	6410mm	5900mm	4620mm	5250mm	4620mm	3940mm	4620mm
System Length(C)	3450mm	3450mm	4390mm	3660mm	3660mm	4200mm	5740mm	5740mm

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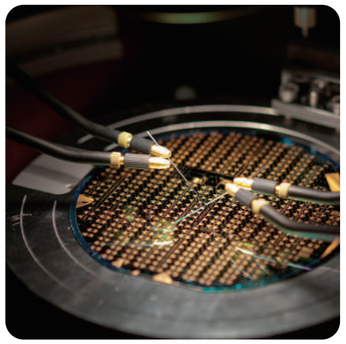
Diversified Industry Applications