



MINI KING

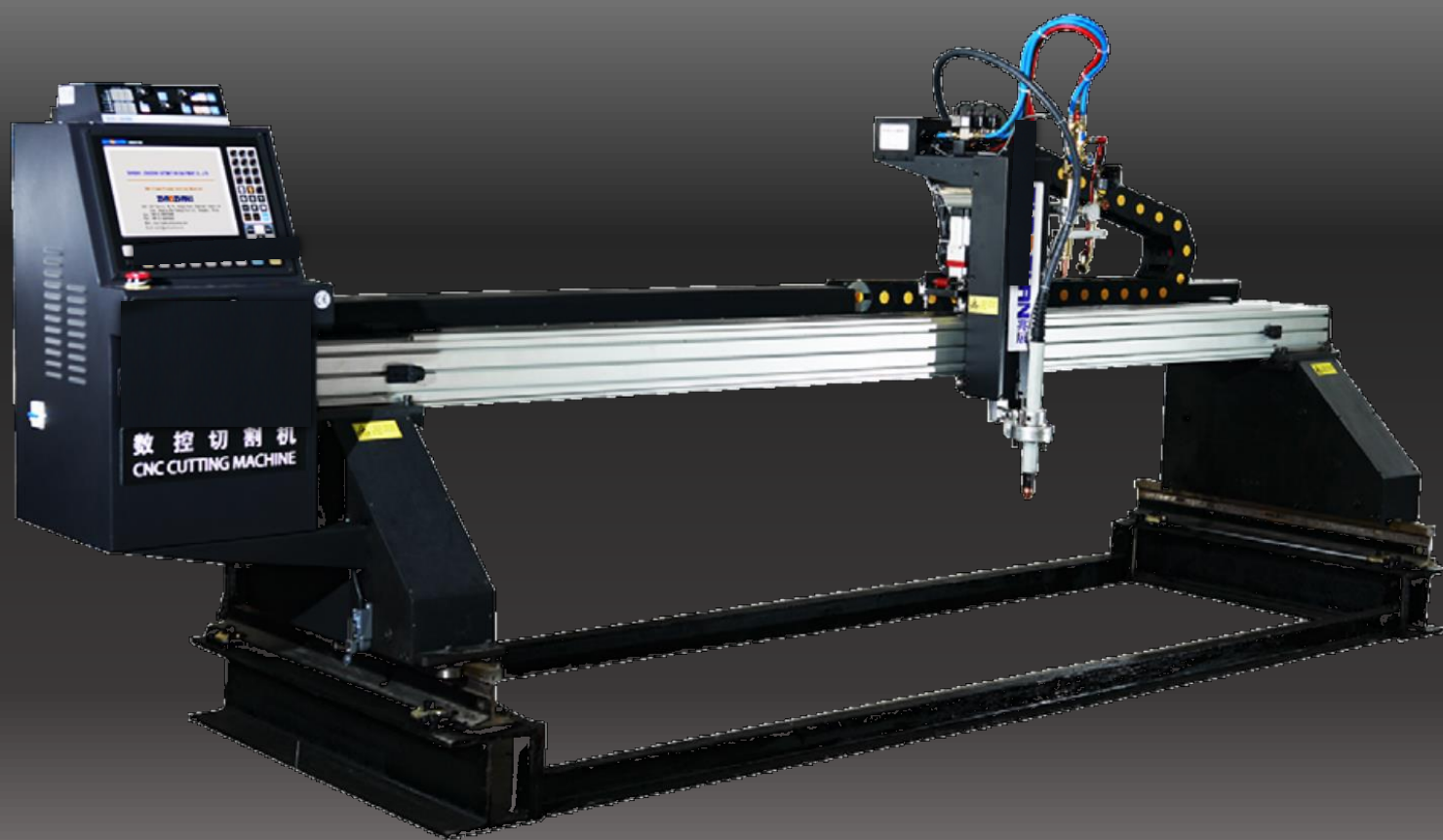
GANTRY STYLE MINI KING CNC FLAME & PLASMA CUTTING MACHINE



Name	GANTRY STYLE MINI KING CNC FLAME & PLASMA CUTTING MACHINE		
Model No	KING 2040G ST	KING 2540G ST	KING 3040G ST
Effective Cutting Range X, Y	1500mm x 3000mm	2000mm x 3000mm	2500mm x 3000mm
Customized Information	Length of Y axis rails can be customized		
Motor Driver	Dual drive 86 series step motors with dual planetary reducers		
Tool and Torch	Single tool and can be both with plasma and flame torch		
Torch Height Control	Plasma arc voltage auto torch height control or flame capacitive auto torch height control		
Max. Working Speed	6000mm/min		
Input Power	Single phase AC 220V 1200W		
Torch Lifting Distance(Z)	≤100mm		
Working precision	± 0.2 mm / m		
Flame (Gas) Cutting Capacity	Piercing capacity: 5-60 mm Edge start cutting: 5-120mm		
Plasma Cutting Capacity	Depends on the plasma source's cutting capacity		
Controller, Software and Torch Height Control	CNCUT-10A 10.4 inch controller , FASTCAM standard software,		
Cutting Table and Base	H beam or other base construction and cutting table need supplied by user, and we can supply drawing for reference		
Additional	If order MINI KING PLUS we will supply KING TABLE's control cabinet and collection drawers cutting table, and If need water table or ventilation table is available		
Needed Installation Area (With Plasma Supporter)	W 3.2m x L 4.0m x H 1.1m	W 3.7m x L 4.0m x H 1.1m	W 4.2m x L 4.0m x H 1.1m
Packing Size	CNC : 2870*840*1040mm Rails : 3200*330*190mm	CNC : 3360*840*1040mm Rails : 3200*330*190mm	CNC : 3870*840*1040mm Rails : 3200*330*190mm



Name	GANTRY STYLE DEFINITION CNC FLAME & PLASMA CUTTING MACHINE		
Model No	MACUT 4012GS HD	MACUT 5012GS HD	MACUT 6012GS HD
Effective Cutting Range X, Y	3300mm x 9500mm	4300mm x 9500mm	5300mm x 9500mm
Customized Information	Length of Y axis rails can be customized		
Motor Driver	Dual drive 1000W*2+750W+400W Panasonic servo motors with planetary reducers with helical gear and rack		
Tool and Torch	Single tool, and can be both with plasma and flame torch. Available to add one extra tool to realize double plasma, or double flame, or one plasma one flame both with torch height control		
Torch Height Control	Plasma arc voltage auto torch height control or flame capacitive auto torch height control		
Max. Working Speed	15000mm/min		
Input Power	Single phase AC 220V 4200W		
Torch Lifting Distance(Z)	≤300mm		
Working precision	± 0.2 mm / m		
Flame (Gas) Cutting Capacity	Piercing capacity: 5 - 60 mm Edge start cutting: 5 - 120mm		
Plasma Cutting Capacity	Depends on the plasma source's cutting capacity		
Controller, Software and Torch Height Control	Can work for through hole technology. Brand and model of controller system, software and torch height control are follow buyer's inquiry. (in the picture is with 270A high definition plasma source made in China, F7600 19 inch industrial controller , inner nesting software and F1650 plasma THC) ZZ-PTHC 2.0V plasma THC		
Cutting Table and Base	H beam or other base construction and cutting table need supplied by user, and we can supply drawing for reference		
Needed Installation Area (With Plasma Supporter)	W 4.7m x L 12.0m x H 2.1m	W 5.7m x L 12.0m x H 2.1m	W 6.7m x L 12.0m x H 2.1m
Packing Size	CNC: 4380mm x 2230mm x 1830mm Rails: 2140mm x 560mm x 230mm 3pcs	CNC: 5380mm x 2230mm x 1830mm Rails: 2140mm x 560mm x 230mm 3pcs	CNC: 6380mm x 2230mm x 1830mm Rails: 2140mm x 560mm x 230mm 3pcs



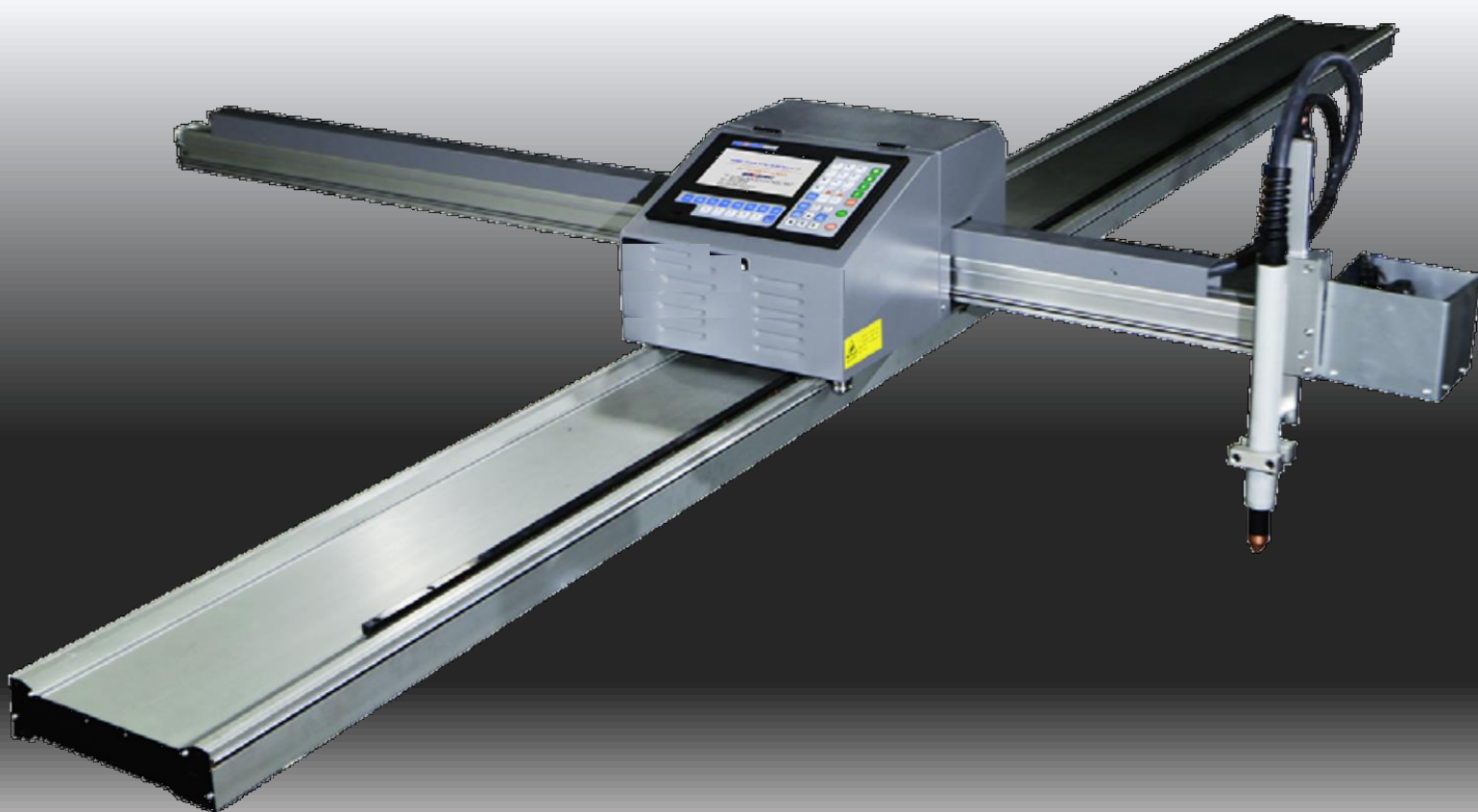
Name	GANTRY STYLE STEEL AND ALUMINIUM ALLOY DOUBLE BEAM CNC FLAME & PLASMA CUTTING MACHINE					
Model No	MA 2580C ST	MA 3080C ST	MA4080C ST	MA 2580C SE	MA 3080C SE	MA 4080C SE
Effective Cutting Range X, Y	2000mm x 6000mm	2500mm x 6000mm	3500mm x 6000mm	2000mm x 6000mm	2500mm x 6000mm	3500mm x 6000mm
Customized Information	Length of Y axis rails can be customized					
Motor Driver	Dual drive 86 step motors with dual planetary reducer			Dual drive A6 Panasonic servo motors with dual planetary reducer		
Tool and Torch	Single tool,and can be both with plasma and flame torch. Available to add one extra tool to realize double plasma,or double flame, or one plasma one flame both with torch height control					
Torch Height Control	Plasma arc voltage auto torch height control or flame capacitive auto torch height control					
Max. Working Speed	6000mm/min			12000mm/min		
Input Power	Single phase AC 220V 1200W			Single phase AC 220V 1600W		
Torch Lifting Distance(Z)	≤150mm					
Working precision	± 0.2 mm / m					
Flame (Gas) Cutting Capacity	Piercing capacity: 5 - 60 mm Edge start cutting: 5 - 120mm					
Plasma Cutting Capacity	Depends on the plasma source's cutting capacity					
Controller, Software and Torch Height Control	CNCUT-10A 10.4 inch controller , FASTCAM standard software, ZZ-PTHC plasma THC					
Cutting Table and Base	H beam or other base construction and cutting table need supplied by user, and we can supply drawing for reference					
Needed Installation Area (With Plasma Supporter)	W 3.8m x L 8.0m x H 1.4m	W 4.3m x L 8.0m x H 1.3m	W 4.8m x L 8.0m x H 1.3m	W 3.8m x L 8.0m x H 1.4m	W 4.3m x L 8.0m x H 1.3m	W 4.8m x L 8.0m x H 1.3m
Packing Size	CNC: 3.4m x 1m x 1.3m Rails: 2.1m x 0.5m x 2.0m 2pcs	CNC: 4m x 1.0m x 1.3m Rails: 2.1m x 0.5m x 2.0m 2pcs	CNC: 4.9m x 1.0m x 1.3m Rails: 2.1m x 0.5m x 2.0m 2pcs	CNC: 3.4m x 1m x 1.3m Rails: 2.1m x 0.5m x 2.0m 2pcs	CNC: 4m x 1.0m x 1.3m Rails: 2.1m x 0.5m x 2.0m 2pcs	CNC: 4.9m x 1.0m x 1.3m Rails: 2.1m x 0.5m x 2.0m 2pcs



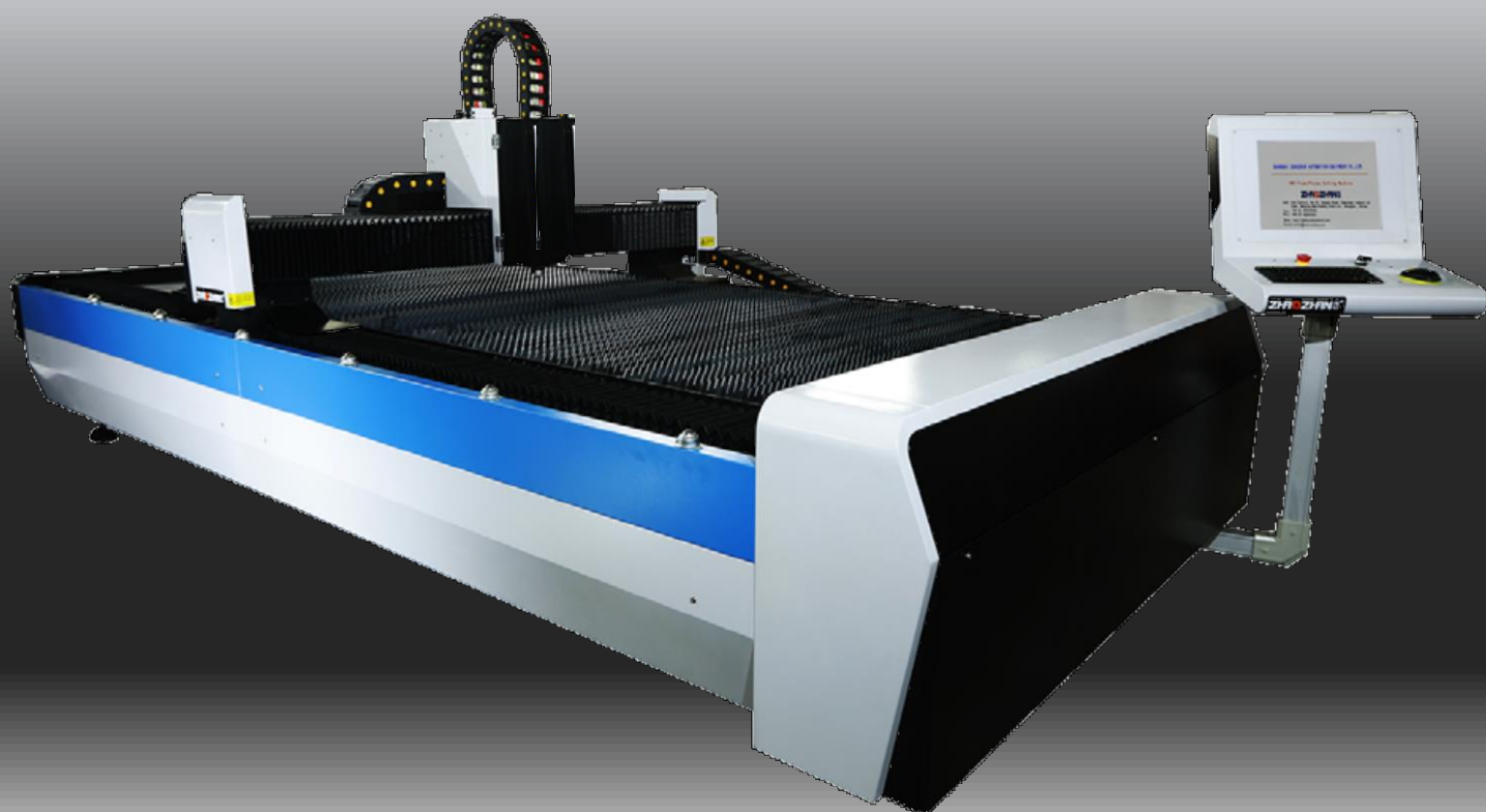
Name	KING TABLE CNC FLAME & PLASMA CUTTING MACHINE		
Model No	MAKING 1530T BT	MAKING 1530T ST	MAKING 1530T SE
Effective Cutting Range X, Y	1500mm x 3000mm		
Customized Information	Available to customize water table or ventilation table		
Motor Driver	Dual drive 86 series step motors with dual synchronous belts	Dual drive 86 series step motors with dual planetary reducers	Dual drive a6 Panasonic servo motors with planetary reducers
Tool and Torch	Single Tool with Plasma torch	Single tool or both plasma and flame torch	
Torch Height Control	Air Cylinder control up and down	Plasma arc voltage auto torch height control or flame capacitive auto torch height control	
Max. Working Speed	12000mm/min	6000mm/min	12000mm/min
Input Power	Single phase AC 220V 1200W		Single phase AC 220V 1600W
Torch Lifting Distance(Z)	≤100mm		
Working precision	± 0.1 mm / m		
Flame (Gas) Cutting Capacity	Piercing capacity: 5 - 60 mm Edge start cutting: 5 - 120mm		
Plasma Cutting Capacity	Depends on the plasma source's cutting capacity		
Controller, Software and Torch Height Control	CNCUT-10A 10.4 inch controller , FASTCAM standard software, ZZ-PTHC plasma THC		
Cutting Table and Base	Standard collection drawers cutting table which can carry under 2,000.00kg weight		
Needed Installation Area (With Plasma Supporter)	W 2200m x L 4200mm x H 1500mm		
Packing Size	W 3980mm x L 2270mm x H 1580mm		



Name	WATER TABLE CNC PLASMA CUTTING MACHINE	
Model No	MA 1325W BT	MA 1530W BT
Effective Cutting Range X, Y	1300mm x 2500mm	1500mm x 3000mm
Customized Information	Torch height control can be modified to air cylinder control up and down. The control cabinet, system and PTHC as shown in the picture are optional for adding KING series control cabinet, but not standard type.	
Motor Driver	Dual drive 86 series step motors with dual synchronous belts	
Tool and Torch	Single Tool with Plasma torch	
Torch Height Control	Plasma arc voltage auto torch height control	
Max. Working Speed	12000mm/min	
Input Power	Single phase AC 220V 1200W	
Torch Lifting Distance(Z)	≤100mm	
Working precision	± 0.15 mm / m	
Flame (Gas) Cutting Capacity	Only work with plasma torch	
Plasma Cutting Capacity	Depends on the plasma source's cutting capacity	
Controller, Software and Torch Height Control	7B 7 inch controller , FASTCAM mini standard software, ZZ-PTHC plasma THC	
Cutting Table and Base	Standard collection drawers cutting table which can carry under 1,000.00kg weight	
Needed Installation Area (With Plasma Supporter)	W 2200m x L 3200mm x H 1400mm	W 2400m x L 3700mm x H 1400mm
Packing Size	W 3680mm x L 1100mm x H 940mm	W 3760mm x L 2210mm x W 940mm



Name	PORTABLE CNC FLAME & PLASMA CUTTING MACHINE	
Model No	MA 1530XF	MA 1530XH
Effective Cutting Range X, Y	1500mm x 3000mm	
Customized Information	Length of Y axis rails can be customized extending	
Motor Driver	Single drive 57 series step motors	
Tool and Torch	Single Tool with Plasma torch	Single tool or both plasma and flame torch
Torch Height Control	Manual control motor up and down	Plasma arc voltage auto torch height control
Max. Working Speed	30000mm/min	
Input Power	Single phase AC 220V 220W	
Torch Lifting Distance(Z)	≤100mm	
Working precision	± 0.2 mm / m	
Flame (Gas) Cutting Capacity	Piercing capacity: 5 - 60 mm Edge start cutting: 5 - 120mm	
Plasma Cutting Capacity	Depends on the plasma source's cutting capacity	
Controller, Software and Torch Height Control	7B 7 inch controller , FASTCAM mini standard software, ZZ-PTHC plasma THC	
Cutting Table and Base	Cutting table need supplied by user	
Needed Installation Area (With Plasma Supporter)	W 3700m x L 3600mm x H 600mm	
Packing Size	CNC: W 560mm x L 460mm x H 530mm Rails: W 3650mm x L 400mm x H 300mm	



Name	FIBRE LASER CUTTING MACHINE		
Model No	MALAS 3015 L	MALAS 3015 M	MALAS 3015 H
Fiber Laser Power	500W - 1000W	1000W - 2000W	2000W - 4000W
Effective Cutting Range X, Y	1500mm x 3000mm		
Driving Configuration	Japan FUJI 750W x 3 + 400W no brake + Japan SJIMPO-VRSF reducers	Japan MITSUBISHI IKW x 3 + 400W brake + Japan SJIMPO-VRB reducers	Japan MITSUBISHI IKW x 3 + 400W brake + Japan SJIMPO-VRB reducers
Rack & Gear and Guide Rail	Helical gear and rack, Germany LEITESEN 1.5 module, Taiwan HIWIN	Helical gear and rack, Germany LEAN 2 module, Taiwan HIWIN	Helical gear and rack, Germany LEAN 2 module, Taiwan HIWIN
Control System with Torch Height Control	Shanghai FS-1000	Shanghai FS-2000	Shanghai FS-2000
Torch	Switzerland Raytools	Switzerland Raytools	Switzerland Raytools
Lathe Bed Level	Standard	Standard	Heavy Duty
Max. Working Speed & Acceleration	50m/min 0.5G	80m/min 0.8G	80m/min 0.8G
Working precision	± 0.08 mm / m	± 0.08 mm / m	± 0.03 mm / m
Repeated Positioning Accuracy	± 0.05 mm / m	± 0.05 mm / m	± 0.03 mm / m
Machine Weight	1700 kg	1800 kg	4000 kg
Needed Installation Area (With Plasma Supporter)	W 2700m x L 4900mm x H 1900mm		
Packing Size	W 2280mm x L 4900mm x H 2010mm		
Remark	Will supply a chiller according to fibre laser power. Machine input power voltage will be made according to user country power supply standard.		
Customised Information	Other size of machine or change of table and colour of table also available. Option auto focus torch. Suggest to work in air conditional if machine work in above 40°C environment.		