HUGONG

SINCE 1958



TOTAL WELDING AND CUTTING SOLUTIONS

2026-2027 CUTTING/ROBOT PRODUCT CATALOG

www.hugongcutting.com

SCAN TO CONTACT US



SALES NETWORK IN 110+ COUNTRIES

68+
Years
in Welding and Cutting

300+
Patents

2000+
SKUs

NO. 1
NO. 1 welding machine exporter in China since 2013

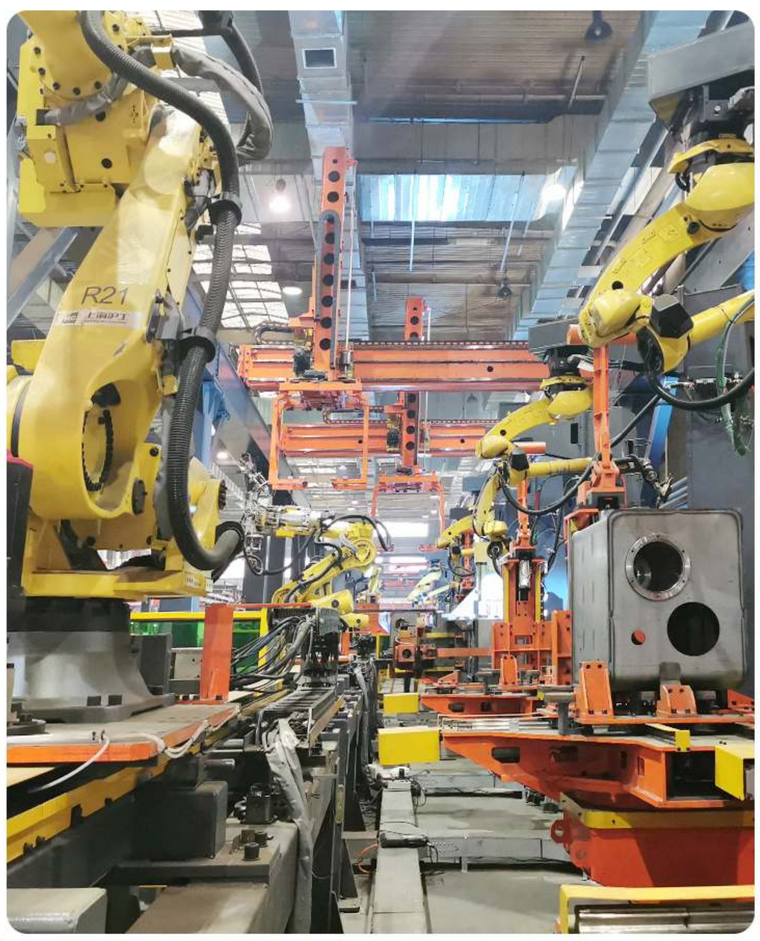
The leading
The leading welding and cutting solutions provider in China

Millions
Millions of items are serving for global customers annually

Thousands
With thousands of partners worldwide

Shanghai Stock Exchange
Publicly listed on the Shanghai Stock Exchange

The 1st
Chinese cutting machine producer which founded in 1958











HGLW-830AIR/1240AIR/1545AIR

HAND HELD FIBER LASER WELDING & CUTTING & CLEANING MACHINE



MODEL	HGLW-830AIR	HGLW-1240AIR	HGLW-1545AIR
Operating mode	Welding/Cutting/Cleaning/Seam cleaning(4 in 1)		
Compatible wire diameter	0.8、1.0、1.2、1.6mm		
Suitable wire reel specifications	5kg/10kg		
Auxiliary gas	Ar / N2 / CO2		
Applicable sheet thickness (mm)	SS/MS:1-3 AL:2	SS / MS :1-4 AL:3	SS / MS :1-5 AL:4

HGLW-1500E/2000E/3000E

HAND HELD FIBER LASER WELDING & CUTTING & CLEANING MACHINE



MODEL	HGLW-1500E	HGLW-2000E	HGLW-3000E
Operating mode	Welding/Cutting/Cleaning/Seam cleaning(4 in 1)		
Compatible wire diameter	0.8、1.0、1.2、1.6mm(2.0、2.5mm optional)		
Suitable wire reel specifications	5kg/10kg/25kg		
Auxiliary gas	Ar / N2 / CO2		
Applicable sheet thickness (mm)	SS/MS:1-5 AL:1-4	SS/MS:1-6 AL:1-5	SS/MS:1-8 AL:1-6

HGLC-1500E/2000E/3000E

HAND HELD FIBER LASER CLEANING MACHINE



MODEL	HGLC-1500E	HGLC-2000E	HGLC-3000E
Operating mode	Cleaning		
Cleaning Torch	HUGONG Wobble laser cleaning head		
Swing mode	Double axis swing		
Auxiliary gas	Air/N2		
Cooling method	Water Cooling		

HGLC-100/200/300 MOPA

HAND HELD MOPA LASER CLEANING MACHINE



MODEL	HGLC-100	HGLC-200	HGLC-300
Operating mode	Cleaning		
Cleaning Torch	HUGONG Wobble laser cleaning head		
Swing mode	Double axis swing		
Auxiliary gas	Air/N2		
Cooling method	Air Cooling		

FLASHLASER SERIES (UP TO 6KW)

FIBER LASER CUTTING MACHINE FOR PLATE



MODEL	FLASHLASER-3015	FLASHLASER-6015
Effective cutting size(mm)	3000x1500	6000x1500
Laser power range	1.5KW/2KW/3KW/6KW optional	
Max linkage speed	60m/min	
Maximum acceleration	0.6G	
Repeat positioning accuracy	±0.05mm	

FLASHLASER-T SERIES (UP TO 6KW)

FIBER LASER CUTTING MACHINE FOR PLATE&PIPE



MODEL	FLASHLASER-T-3015	FLASHLASER-T-6015
Effective cutting size(mm)	3000x1500	6000x1500
Tube diameter	20-220mm (round); 15x15-150x150mm (square)	
Tube length	6m	
Max linkage speed	60m/min	
Maximum acceleration	0.6G	
Repeat positioning accuracy	±0.05mm	

INTELASER SERIES (UP TO 12KW)

FIBER LASER CUTTING MACHINE FOR PLATE



MODEL	INTELASER-3015	INTELASER-4015	INTELASER-4020	INTELASER-6015	INTELASER-6025
Effective cutting size(mm)	3000x1500	4000x1500	4000x2000	6000x1500	6000x2500
Laser power range	1.5KW / 2KW / 3KW / 4KW / 6KW / 12KW optional				
Max linkage speed	110m/min				
Maximum acceleration	1.0G				
Repeat positioning accuracy	±0.03mm				

HGLQ (UP TO 12KW)

CLOSED TYPE FIBER LASER CUTTING MACHINE FOR PLATE



MODEL	HGLQ-1313	HGLQ-3015
Effective cutting size(mm)	1300x1300	3000x1500
Laser power range	1.5KW/2KW/3KW/4KW/6KW/12KW optional	
Max linkage speed	80m/min	
Maximum acceleration	0.6G	
Repeat positioning accuracy	+0.03mm	

ECOLASER SERIES (UP TO 12KW)

CLOSED TYPE FIBER LASER CUTTING MACHINE FOR PLATE



MODEL	ECOLASER-3015	ECOLASER-6015	ECOLASER-6025
Effective cutting size(mm)	3000x1500	6000x1500	6000x2500
Laser power range	1.5KW / 2KW / 3KW / 4KW / 6KW / 12KW optional		
Max linkage speed	60m/min		
Maximum acceleration	0.6G		
Repeat positioning accuracy	±0.05mm		

ECOLASER-T SERIES (UP TO 12KW)

FIBER LASER CUTTING MACHINE FOR PLATE & PIPE



MODEL	ECOLASER-T-3015	ECOLASER-T-6015	ECOLASER-T-6025
Effective cutting size(mm)	3000x1500	6000x1500	6000x2500
Laser power range	1.5KW / 2KW / 3KW / 4KW / 6KW / 12KW optional		
Tube diameter	20-220mm (round); 15x15-150x150mm (square)		
Max linkage speed	60m/min		
Maximum acceleration	0.6G		

HGLC SERIES (UP TO 40KW)

CLOSED TYPE FIBER LASER CUTTING MACHINE FOR PLATE



MODEL	HGLC -3015	HGLC -4015	HGLC -4020	HGLC -6020	HGLC-6025
Effective cutting size(mm)	3000x1500	4000x1500	4000x2000	6000x2000	6000x2500
Laser power range	3KW / 4KW / 6KW / 12KW / 20KW / 30KW/40KW optional				
Max linkage speed	170m/min				
Maximum acceleration	1.5G				
Repeat positioning accuracy	± 0.03mm				

HGLC-T SERIES (UP TO 40KW)

CLOSED TYPE FIBER LASER CUTTING MACHINE FOR PLATE & PIPE



MODEL	HGLC-T-3015	HGLC-T-4015	HGLC-T-4020	HGLC-T-6020	HGLC-T-6025
Effective cutting size(mm)	3000x1500	4000x1500	4000x2000	6000x2000	6000x2500
Laser power range	3KW / 4KW / 6KW / 12KW / 20KW / 30KW/40KW optional				
Tube diameter	20-220mm (round); 15x15-150x150mm (square)				
Max linkage speed	110m/min				
Maximum acceleration	1.0G				

HGLE SERIES (LASER & FLAME CUTTING)

GANTRY TYPE FIBER LASER CUTTING MACHINE FOR LARGE PLATE



MODEL	HGLE-30	HGLE-35	HGLE-40	HGLE-50	HGLE-60	HGLE-80
Effective Cutting Size (X)	12000/24000/26000/30000/40000mm					
Effective Cutting Size (Y)	3000mm	3500mm	4000mm	5000mm	6000mm	8000mm
Max linkage speed	24m/min	24m/min	24m/min	24m/min	24m/min	24m/min
Flame Cutting Thickness	120mm					
Repeat Positioning Accuracy	±0.15mm	±0.15mm	±0.15mm	±0.15mm	±0.15mm	±0.15mm

HGLX SERIES(UP TO 80KW)

GANTRY TYPE FIBER LASER CUTTING MACHINE FOR THICK PLATE



MODEL	HGLX-30	HGLX-35	HGLX-40	HGLX-50	HGLX-60
Effective Cutting Size (X)	12000/24000/26000/30000/40000mm				
Effective Cutting Size (Y)	3100mm	3600mm	4100mm	5100mm	6100mm
Max linkage speed	50m/min	50m/min	50m/min	50m/min	40m/min
Maximum acceleration	0.5G	0.5G	0.5G	0.4G	0.3G
Repeat positioning accuracy	± 0.1mm	± 0.1mm	± 0.1mm	± 0.15mm	± 0.15mm

HGLH SERIES(UP TO 40KW)

GANTRY TYPE FIBER LASER CUTCUTTING MACHINE FOR H BEAM



MODEL	HGLH 26020	CUSTOMIZED
Laser Power Option	12KW / 20KW / 30KW optional	40KW
Postioning Speed	30m/min	
H Beam Size or Diameter	H-Beam 1.25m*0.6m*26m Length(single), 1.25m*0.6m*12m(double)	
X/Y Axis Max Acceleration	0.1G	
Postioning Accuracy	±0.1mm/m	

HGTOWER SYSTEM

AUTO LOADING SYSTEM WITH INTELLIGENT MATERIAL WAREHOUSE



Storage system: A clear view of the inventory, fast access to materials and effective space saving.

Automatic loading and unloading with work-piece sorting function, to fully utilize the maximum productivity of the machine tool and make sufficient preparations for subse-quent machining; automatic and continuous different processes to control the overall production status, greatly reducing management costs.

HGP2 SERIES (2 CHUCKS)

FIBER LASER CUTTING MACHINE FOR PIPELINE



MODEL	HGP2 - 6017	HGP2- 6024	HGP2 - 6036
Max pipe diameter	170mm	240mm	360mm
Max pipe length	6m/9m or 12m		
Max workpiece length	2m or 4m		
Max loading weight	160KG	260KG	1000KG

HGP3 SERIES (3 CHUCKS)

HEAVY DUTY FIBER LASER CUTTING MACHINE FOR PIPELINE



MODEL	HGP3- 6017	HGP3- 12024	HGP3- 12036	HGP3- 13052
Max pipe diameter	170mm	240mm	360mm	520mm
Max pipe length	6m/9m or 12m/13m			
Max workpiece length	6m/9m or 12m/13m			
Max loading weight	160KG	260KG	1000KG	2000KG

CNCG SERIES (UP TO 40KW)

HEAVY DUTY FIBER LASER CUTTING MACHINE FOR LARGE PIPELINE



MODEL	CNCG SERIES
Laser power	KW / 4KW / 6KW / 12KW /20KW / 30KW / 40KW optional
Round Tube Processing Range	DIA100~1000mm
Square Tube Processing Range	100~400mm
Maximum tube length	20000mm
Max positioning speed	30m/min

INTECUT SERIES (UP TO 105A)

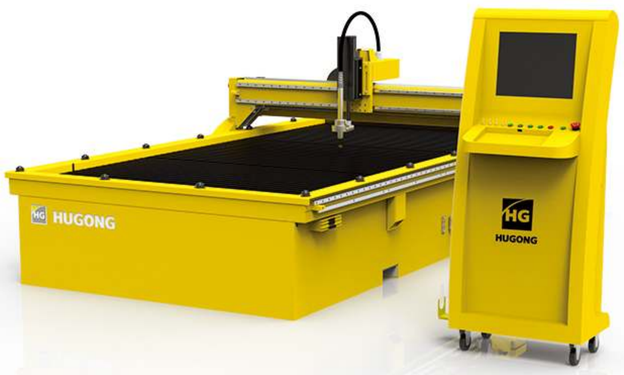
PORTABLE CNC PLASMA & FLAME CUTTING MACHINE



MODEL	INTECUT 3	INTECUT 6
Position speed	Idle speed: 0-3000mm/min	
Monitor	LCD 5.7" with keyboard	
Effective cutting size	1500*3000mm	1500*6000mm
Cutting mode	Flame/Plasma	
Cutting gas	Acetylene,Propane,LPG-O2	

FLASHCUT SERIES (UP TO 200A)

TABLE TYPE CNC PLASMA & FLAME CUTTING MACHINE



MODEL	FLASHCUT
Effective cutting size	1500x3000mm / 2000x4000mm / 2000x6000mm
Cutting model	Plasma (flame to be optional)
Plasma power source	Hypertherm PMX or Maxpro200 or customized
Maximum speed	12m/min
Positioning Accuracy	±0.5mm

ECONOCUT SERIES (UP TO 200A)

GANTRY TYPE CNC PLASMA & FLAME CUTTING MACHINE FOR AIR PLASMA



MODEL	ECONOCUT
Effective cutting size	2000x6000mm or customized
Cutting model	Plasma and flame
Source	Hypertherm PMX or Maxpro200 or customized
Maximum speed	12m/min
Positioning Accuracy	±0.5mm

HGCUT SERIES (UP TO 800A)

GANTRY TYPE CNC PLASMA & FLAME CUTTING MACHINE FOR HIGH DEFINITION PLASMA



MODEL	HGCUT
Effective cutting size	3000X12000mm or customized
Cutting model	Plasma and flame
Source	Hypertherm Maxpro200 or XPR or HPR or customized
Maximum speed	24m/min
Positioning Accuracy	±0.5mm

HGPIPE SERIES

HEAVY DUTY PLASMA CUTTING MACHINE FOR ROUND PIPELINE



MODEL	HGPIPE-IV, V, VI
Cutting process	Plasma and flame
Pipe diameter	1000mm
Pipe length	12m
Axis	3 or 5
Positioning accuracy	±0.5mm

HGCR SERIES

HGCR TROLLEY TYPE WELDING COBOT



Model	HGCR-0603B	HGCR-0905B	HGCR-1410B
Working Radius(mm)	≤622	≤922	≤1400
Maximum Load Capacity (KG)	3kg	5kg	10kg
Repeat Positioning Accuracy	±0.02mm	±0.03mm	±0.05mm
Welding Process	CO2/MIG/MAG/Laser welding		
Welding Current	350A/500A/630A		
Working Size	MAX=15m		

HGCR SERIES

HGCR TABLE TYPE WELDING COBOT



Model	HGCR-0603A	HGCR-0905A	HGCR-1410A
Working Radius(mm)	≤622	≤922	≤1400
Maximum Load Capacity (KG)	3kg	5kg	10kg
Repeat Positioning Accuracy	±0.02mm	±0.03mm	±0.05mm
Welding Process	CO2/MIG/MAG/Laser welding		
Welding Current	350A/500A/630A		
Working Table Size	980mm*950mm		

HGCR SERIES

HGCR CLOSED TYPE WELDING COBOT



Model	HGCR-0603E	HGCR-0905E	HGCR-1016E	HGCR-1410E
Working Radius(mm)	≤622mm	≤922mm	≤1034mm	≤1400mm
Maximum Load Capacity (KG)	3kg	5kg	16kg	10kg
Repeat Positioning Accuracy	±0.02mm	±0.02mm	±0.03mm	±0.05mm
Welding Process	CO2/MIG/MAG/Laser welding			
Welding Current	350A/500A/630A			

HGR-U SERIES (WITH TEACHING-FREE SYSTEM)

HUGONG ROBOT U-SHAPED TEACHING-FREE WORKSTATION



Model	HGR-U
Working Radius	1441-2010
Optional Teaching-Free Model	Module Import & Non-Module Import
Repeat Positioning Accuracy	+0.02mm-±0.05mm
Welding Process	CO2/MIG/MAG/Laser welding
Welding Current	350A/500A/630A

HGR-U SERIES (WITH TEACHING-FREE SYSTEM)

HUGONG ROBOT U-SHAPED TEACHING-FREE WORKSTATION



Model	HGR-U
Working Radius	1441-2010
Optional Teaching-Free Model	Module Import & Non-Module Import
Repeat Positioning Accuracy	±0.02mm-±0.05mm
Welding Process	CO2/MIG/MAG/Laser welding
Welding Current	350A/500A/630A
Cantilever travel	≤3.5 meters
Mounted robot	1pcs or 2pcs

HGR-C SERIES(UP TO 8 axis)

HUGONG ROBOT C-SHAPED WORKSTATION



Model	HGR-C
Working Radius	1441-2010
Optional Teaching-Free Model	Module Import & Non-Module Import
Repeat Positioning Accuracy	±0.02mm-±0.05mm
Welding Process	CO2/MIG/MAG/Laser welding
Welding Current	350A/500A/630A

HGR-T SERIES(UP TO 8 axis)

HUGONG ROBOT T-SHAPED WORKSTATION



Model	HGR-T
Working Radius	1441-2010
Optional Teaching-Free Model	Module Import
Repeat Positioning Accuracy	±0.02mm-±0.05mm
Welding Process	CO2/MIG/MAG/Laser welding
Welding Current	350A/500A/630A

HGR-H SERIES(UP TO 9 axis)

HUGONG ROBOT H-SHAPED WORKSTATION



Model	HGR-H
Working Radius	1441-2010
Optional Teaching-Free Model	Module Import
Repeat Positioning Accuracy	±0.02mm-±0.05mm
Welding Process	CO2/MIG/MAG/Laser welding
Welding Current	350A/500A/630A

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