JSR WELDTECH
WELDING & CUTTING SOLUTIONS

Stronger Connections Brighter Future



LGK-70BS/80B/100B/120B/160B

INVERTER PLASMA CUTTING MACHINE

INDUSTRIAL GRADE | HIGH PERFORMANCE | RELIABLE CUTTING



PLASMA CUT · INVERTER · IGBT MODULE · AIR

INDUSTRIAL GRADE CUTTING

- Adopt advanced IGBT Module technology of the core inverter device.
- Network-Board System-Smooth Arc-Striking with HF (Excellent).
- 330V – 580V wide voltage range.
- Rapid Arc Restrike – Quality narrow cutting and excellent travel speed.
- Function Post Gas for effective cooling of the cutting torch.
- Competitive Cutting Thickness (Carbon Steel – Recommendad thickness: 40mm.)
- Cool operation, long consumable life – Cutting accessories with competitive price and performance.
- Fittings give convenience – More energy for input voltage, service quality, embrace diverse environments.
- Auto-protection against low air pressure, over-voltage, over-current and over-heated.
- Energy saving – Compared with the traditional cutting machine more efficient.



CUT-70BS/80B
PLASMA CUTTER



CUT-100B/120B/160B
PLASMA CUTTER

PARAMETERS

Model	CUT-70BS	CUT-80B	CUT-100B	CUT-120B	CUT-160B
Input voltage(V)	220V/380V	3P 380V	3P 380V	3P 380V	3P 380V
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60
Rated input current(A)	46/15.4	22	30.5	38.3	47
Duty cycle(%) (X40°C)	60	60	60	60	60
No-load voltage(V)	337.5	337.5	337.5	331	342
Output current(A)	25-65	25-85	25-110	25-130	25-160
Output voltage(V)	105	114	124	132	140
ARC-initiating	HF, Untouch	HF, Untouch	HF, Untouch	HF, Untouch	HF, Untouch
Efficiency(%)	95	95	95	95	95
Cutting thickness(mm)	20	30	45	55	60
Weight(kg)	14	26	30	32	35
Dimension(mm)	440×220×400	570×290×550	570×290×550	570×290×550	570×290×550

- Inverter technology
- Intelligent air cooling
- Lack Voltage / Over current / Over heat protection
- Outside compressor
- Intelligent interface adjustment



APPLICATIONS

MILD STEEL · STAINLESS STEEL · ALUMINIUM · FABRICATION · AUTOMOBILE · SHIPBUILDING · HEAVY INDUSTRY

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