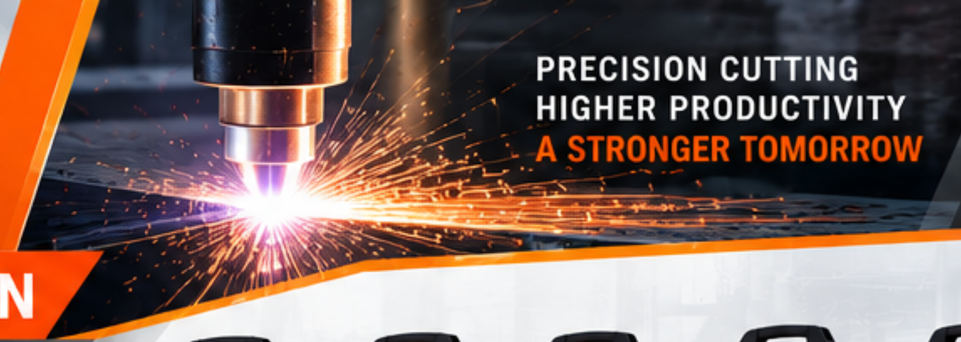
JSR WELDTECH
WELDING & CUTTING SOLUTIONS

Stronger Connections Brighter Future



PRECISION CUTTING
HIGHER PRODUCTIVITY
A STRONGER TOMORROW

- SALES
- SERVICE
- SPARES
- SUPPORT

LGK-80/100DV/100N/100BN/120BN/160BN

INVERTER PLASMA CUTTING MACHINE

INDUSTRIAL BUILT-IN COMPRESSOR | CUT, MMA

PLASMA CUT · ARC · INVERTER · IGBT MODULE · AIR



INDUSTRIAL BUILT-IN COMPRESSOR, CUT, MMA

- Adopt Advanced IGBT Module technology of the core Inverter device.
- Untouch Start System – Smooth Arc-Striking with HF Control.
- Control.330V~500V 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) – Recommended thickness: 40mm.
- Cool Operation, Long Consumable Life – Cutting accessories with competitive price and performance.
- Engine Drive Compatible – Wide range for input voltage, Select a suitable Engine Drive in remote locations.
- Auto-Protection against Low air pressure, over-voltage, over-current and over-heated.
- Energy Saving – Compared with the traditional cutting machine more efficient.



CUT-80/100 DV
Built-in compressor



CUT 100N/100BN/120BN/160BN
Built-in compressor

- Inverter technology
- Intelligent air cooling
- Built-in / Outside compressor
- ARC/PLASMA CUTTER dual functions
- Intelligent interface adjustment

PARAMETERS

Model	CUT-80DV	CUT-100DV	CUT-100N	CUT-100BN	CUT-120BN	CUT-160BN
Input voltage(V)	220V/380V	220V/380V	3P 380V	3P 380V	3P 380V	3P 380V
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Rated input current(A)	52/21.4	52/28	28	33	36.5	44
Duty cycle(%)(40°C)	60	60	60	60	60	60
No-load voltage(V)	337.5	337.5	337.5	337.5	337.5	335
Output current(A)	25-65	25-65/85	25-85	25-110	25-110	25-135
Output voltage(V)	106	114	114	120	124	134
ARC current(V)	260	260	260	260	260	280
ARC voltage(V)	68	68	68	68	68	75
ARC-initiating	H-F, Untouch	H-F, Untouch	H-F, Untouch	H-F, Untouch	H-F, Untouch	H-F, Untouch
Efficiency(%)	85	85	85	85	85	85
Cutting thickness(mm)	25	35	35	40	45	55
Weight(kg)	29	35.5	35	37	37	55
Dimension(mm)	520×250×510	570×280×550	570×280×550	570×300×550	570×300×550	670×330×610

APPLICATIONS

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

CUT FASTER
BUILD STRONGER

JSR WELDTECH
WELDING & CUTTING SOLUTIONS

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MAKE IN INDIA

INDIAN QUALITY
GLOBAL STRENGTH