

DH ENTERPRISES

Integrated Welding Solutions

Manufacturing of welding machine, welding accessories



“The **world** has changed from
QUALITY to Quantity and so have we”



ARC SERIES MMA-MOS / GBT



Specifications



Products Type	ARC 200	ARC 250	ARC 400 G	ARC 400 IJ	ARC 500 IJ
Input Voltage (V)	AC 220 ± 15%	AC 415 ± 15%	AC 415 ± 15%	AC 415 ± 15%	AC 415 ± 15%
Frequency (HZ)	50/60	50/60	50/60	50/60	50/60
Rated Output Voltage (A)	43.6	13	23.4	25.3	35
Power (KVA)	9.59	9.4	16.8	18.2	25.3
No-load Voltage (V)	58	60	75	75	80
Output Current Range (A)	30-200	30-250	40-370	40-400	40-500
Rated Output Voltage (V)	28	30	32	32	40
Duty Cycle (%)	60	60	60	60	60
No-load loss (W)	40	60	80	100	150
Efficiency (%)	80	85	85	85	85
Power Factor	0.73	0.93	0.93	0.93	0.93
Insulation Grade	F	F	F	F	F
Housing Protection Garde	IP 21	IP 21	IP 21	IP 21	IP 21
Net Weight (KG)	6.5	13.5	22	26	36

Features

- ☒ new design, smart appearance
- ☒ compact size, lightweight & power saving
- ☒ strong current output, superior arc performance
- ☒ quality weld with precise control

Standard Accessories



TIG SERIES TIG/MMA



1 PHASE 3 PHASE 50/60 HZ DC

Specifications

Products Type	TIG 200	TIG 250	TIG 400 IJ	TIG 200 AC/DC	TIG 315 AC/DC
Input Voltage (V)	AC 220 ± 15%	AC 415 ± 15%	AC 415 ± 15%	AC 415 ± 15%	AC 415 ± 15%
Frequency (HZ)	50/60	50/60	50/60	50/60	50/60
Rated Output Voltage (A)	43.6	13	25.3	32.6	13.6
Power (KVA)	9.59	9.4	16.8	18.2	25.3
No-load Voltage (V)	56	54	70	44	51
Output Current Range (A)	10-200	10-250	10-400	10-200/320	5-315
Rated Output Voltage (V)	28	30	36	18	22.6
Duty Cycle (%)	60	60	60	60	60
No-load loss (W)	40	60	80	44	51
Efficiency (%)	80	85	85	85	85
Power Factor	0.73	0.93	0.93	0.93	0.93
Pre - flow (s)	-	-	-	0.2	-
Insulation Grade	F	F	F	F	F
Remote Control	-	-	Yes	-	Yes
Net Weight (KG)	8.5	17.5	29.5	22	34
Arcing Way	High Frequency	High Frequency	High Frequency	High Frequency	High Frequency

Features

- ☒ new design, smart appearance
- ☒ compact size, lightweight & power saving
- ☒ strong current output, superior arc performance
- ☒ quality weld with precise control

Standard Accessories



MIG SERIES MIG/MAG-MMA



Specifications

Products Type	MOS MIG 200	MOS MIG 250 F	IGBT MIG 400 G	IGBT MIG 500 I
Input Voltage (V)	AC 220 ± 15%	AC 220 ± 15%	AC 220 ± 15%	AC 220 ± 15%
Frequency (HZ)	50/60	50/60	50/60	50/60
Rated Output Voltage (A)	37.7	11.1	20.8	35.1
Power (KVA)	8.2	8.4	15	25.3
Output Current Range (A)	50-200	50-250	50-400	80-500
Rated Output Voltage (V)	16.5-26.5	16.5-26.5	16.5-31.5	16.5-52
Duty Cycle (%)	60	60	60	60
Power Factor	0.73	0.93	0.93	0.93
Efficiency (%)	80	85	85	85
Wire-Feeding Speed (m/min)	2.5-18	2.5-18	3-15	3-15
Wire Diameter	0.8	0.8/1.0	0.8/1.0/1.2	1.0/1.2/1.6
Output Cable (mm)	25+	25+	35+	50+
Type of Wire Feeder	In-Built	Seprated	Seprated	Seprated
Net Weight (kg)	30	18	28	42

Features

- ☒ new design, smart appearance
- ☒ compact size, lightweight & power saving
- ☒ strong current output, superior arc performance
- ☒ quality weld with precise control

Standard Accessories



AIR PLASMA CUTTING



Specifications



Products Type	Cut 60 G	Cut 100
Input Voltage (V)	AC 220 ± 15%	AC 220 ± 15%
Frequency (HZ)	50/60	50/60
Rated Output Voltage (A)	11	21
Power (KVA)	7.00	15.1
No-load Voltage (V)	268	295
Output Current Range (A)	20-60	20-100
Rated Output Voltage (V)	104	120
Duty Cycle (%)	60	60
No-load loss (W)	60	80
Efficiency (%)	85	85
Power Factor	0.93	0.93
Insulation Grade	F	F
Housing Protection Garde	IP 21	IP 21
Arcing Way	Pilot arc transfer	Pilot arc transfer
Required Air Pressure (kg/cm ²)	4-5	4-5-6
Cutting Thickness (mm)	1-15	1-30
Net Weight (KG)	19	19

Features

- ☒ new design, smart appearance
- ☒ compact size, lightweight & power saving
- ☒ strong current output, superior arc performance
- ☒ quality weld with precise control

Standard Accessories



SUBMERGE ARC WELDING



Standard Accessories



Features

- ✘ new design, smart appearance
- ✘ compact size, lightweight & power saving
- ✘ strong current output, superior arc performance
- ✘ quality weld with precise control
- ✘ minimal spatter

Specifications

Products Type	MZ 1000	MZ 1250
Input Voltage (V)	AC 220 ± 15%	AC 220 ± 15%
Frequency (HZ)	50/60	50/60
Rated Output Voltage (A)	77.1	90
Power (KVA)	55.5	64.5
No-load Voltage (V)	72	80
Output Current Range (A)	112-1000	112-1250
Rated Output Voltage (V)	44	44
Duty Cycle (%)	60	60
No-load loss (W)	300	300
Efficiency (%)	85	85
Power Factor	0.93	0.93
Insulation Grade	F	F
Housing Protection Garde	IP 21	IP 21
Arc Force Current Range (A)	0-100	0-100
Net Weight (KG)	85	98

CNC PLASMA MACHINE



CNC Cutting Machine for High Production. Big Gantry with dual drive system applicable with high precision plasma cutting source to increase production as well also give high precise cut output.

Description	Specifications
Cutting Width Range (mm)	3000 – 6000
Cutting Length Range (mm)	4000 – 20000
Drive System	Double drive
Drive Speed mm/min	50-15000
Servo Motors	A.C. Servo motors
Make of servo motors	Panasonic
Axis	Rack & Pinion on both sides for longitudinal & cross axis
CNC Controllers	Hypertherm
Height sensor	Arc Voltage with initial height sensor & Anti collision
Plasma cutting speed	According to the Plasma power source
Application	Applicable with Hypertherm / Kjellberg High Performance Plasma System

DH ENTERPRISES

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Manufacturing of welding machine, welding accessories

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