

ARC 120 SE

SKU: **WM.DS.01.0120.131**

FEATURES

- IGBT
- Ukuran Kecil
- Harga Paling Ekonomis
- Bisa Pakai Kawat Las 3.2mm
- Over Current Protection
- Hemat Listrik
- Soft Switching



COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm): **290 x 105 x 210**
 N.W. : **1.96** G.W. : **2.85**

1 PH

ACCESSORIES

1. Ground Clamp 1.2M
2. Electrode Holder 1.8M
3. Welding Glasses

SPECIFICATIONS

Input power voltage (V)	220	Efficiency (%)	85
Frequency (Hz)	50/60	Power factor (cosØ)	0.73
Rated input capacitance (kVA)	3.00	Insulation class	F
Rated input current (A)	18.53	Protection class	IP215
Duty cycle 60% (A)	120	Wattage	350-2200
Duty cycle 100% (A)	93	MMA Output Current Range (A)	20-120
No-load loss (W)	30	MMA Rated output voltage (V)	20-120
No-load voltage (V)	59	Electrode (mm)	2.0-3.2

ARC 120 H

SKU: **WM.DS.01.0120.141**

FEATURES

- IGBT
- Ukuran Kecil
- Harga Ekonomis
- Bisa Pakai Kawat Las 4.0mm
- Over Current Protection
- Soft Switching



COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm): **355 x 200 x 295**
 N.W. : **3.3** G.W. : **4.8**

1 PH

ACCESSORIES

- | | |
|--------------------------|-----------------|
| 1. Ground Clamp 1.2M | 3. Welding Mask |
| 2. Electrode Holder 1.8M | 4. Steel Brush |

SPECIFICATIONS

Input power voltage (V)	220	Efficiency (%)	85
Frequency (Hz)	50/60	Power factor (cosØ)	0.73
Rated input capacitance (kVA)	4.08	Insulation class	F
Rated input current (A)	18.53	Protection class	IP215
Duty cycle 60% (A)	120	Wattage	600-2200
Duty cycle 100% (A)	93	MMA Output Current Range (A)	20-120
No-load loss (W)	40	MMA Rated output voltage (V)	20-120
No-load voltage (V)	56	Electrode (mm)	2.0-4.0



ARC 160 E

SKU: WM.DS.01.0160.121

FEATURES

- VMOS
- Ukuran Kecil
- Harga Ekonomis
- Over Current Protection



COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm): **380 x 210 x 295**
N.W. : **3.8** G.W. : **4.4**

1 PH

ACCESSORIES

1. Ground Clamp 1M
2. Electrode Holder 1M

SPECIFICATIONS

Input power voltage (V)	220	Efficiency (%)	85
Frequency (Hz)	50/60	Power factor (cosØ)	0.73
Rated input capacitance (kVA)	4.21	Insulation class	F
Rated input current (A)	26.30	Protection class	IP215
Duty cycle 60% (A)	160	Wattage	600-3100
Duty cycle 100% (A)	124	MMA Output Current Range (A)	20-160
No-load loss (W)	40	MMA Rated output voltage (V)	20-160
No-load voltage (V)	56	Electrode (mm)	2.0-4.0



ARC 160 H

SKU: **WM.DS.01.0160.141**

FEATURES

- IGBT
- Ukuran Kecil
- Display Digital
- Over Current Protection
- Soft Switching



COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm): **452 x 220 x 325**
 N.W. : **4.5** G.W. : **5.85**

1 PH

ACCESSORIES

- | | |
|--------------------------|-----------------|
| 1. Ground Clamp 1.2M | 3. Welding Mask |
| 2. Electrode Holder 1.8M | 4. Steel Brush |

SPECIFICATIONS

Input power voltage (V)	220	Efficiency (%)	85
Frequency (Hz)	50/60	Power factor (cosØ)	0.73
Rated input capacitance (kVA)	5.79	Insulation class	F
Rated input current (A)	26.30	Protection class	IP215
Duty cycle 60% (A)	160	Wattage	800-3100
Duty cycle 100% (A)	124	MMA Output Current Range (A)	20-160
No-load loss (W)	40	MMA Rated output voltage (V)	20-160
No-load voltage (V)	56	Electrode (mm)	2.0-4.0



ARC 200 E

SKU: **WM.DS.01.0200.121**

FEATURES

- IGBT
- Ukuran Kecil
- Harga Ekonomis
- Over Current Protection

COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000



Dimension (mm): **380 x 210 x 295**
N.W. : **3.8** G.W. : **4.4**

1 PH

ACCESSORIES

1. Ground Clamp 1M
2. Electrode Holder 1M

SPECIFICATIONS

Input power voltage (V)	220	Efficiency (%)	85
Frequency (Hz)	50/60	Power factor (cosØ)	0.73
Rated input capacitance (kVA)	5.52	Insulation class	F
Rated input current (A)	34.87	Protection class	IP215
Duty cycle 60% (A)	200	Wattage	800-4000
Duty cycle 100% (A)	155	MMA Output Current Range (A)	20-200
No-load loss (W)	40	MMA Rated output voltage (V)	20-200
No-load voltage (V)	56	Electrode (mm)	2.0-4.0



ARC 200 H

SKU: **WM.DS.01.0200.141**

FEATURES

- IGBT
- Ukuran Kecil
- Display Digital
- Over Current Protection
- Soft Switching



COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm): **340 x 220 x 288**
 N.W. : **4.5** G.W. : **5.85**

1 PH

ACCESSORIES

- | | |
|--------------------------|-----------------|
| 1. Ground Clamp 1.2M | 3. Welding Mask |
| 2. Electrode Holder 1.8M | 4. Steel Brush |

SPECIFICATIONS

Input power voltage (V)	220	Efficiency (%)	85
Frequency (Hz)	50/60	Power factor (cosØ)	0.73
Rated input capacitance (kVA)	7.67	Insulation class	F
Rated input current (A)	34.87	Protection class	IP215
Duty cycle 60% (A)	200	Wattage	900-4000
Duty cycle 100% (A)	155	MMA Output Current Range (A)	20-200
No-load loss (W)	40	MMA Rated output voltage (V)	20-200
No-load voltage (V)	56	Electrode (mm)	2.0-4.0

ARC 250 G

SKU: **WM.DS.01.0250.101**

FEATURES

- IGBT
- Display Digital
- Arc Force Menjaga Stabilitas Busur
- Over Current Protection



COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm): **530 x 306 x 425**
 N.W. : G.W. : **11.45**

1 PH

ACCESSORIES

1. Ground Clamp 1.5M
2. Electrode Holder 2.5M

SPECIFICATIONS

Input power voltage (V)	220	Arc force current range (A)	0-100
Frequency (Hz)	50/60	Power factor (cosØ)	0.73
Rated input capacitance (kVA)	7.30	Insulation class	F
Duty cycle 60% (A)	250	Protection class	IP215
Duty cycle 100% (A)	194	Wattage	1100-5350
No-load loss (W)	60	MMA Output Current Range (A)	30-250
No-load voltage (V)	56	MMA Rated output voltage (V)	30-250
Efficiency (%)	85	Electrode (mm)	2.0-4.0

ARC 250 GA

SKU: **WM.DS.01.0250.113**

FEATURES

- IGBT
- Display Digital
- Arc Force Menjaga Stabilitas Busur
- Over Current Protection



COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm): **530 x 306 x 425**
 N.W. : **12.5** G.W. : **14.5**

3 PH

ACCESSORIES

1. Ground Clamp 1.5M
2. Electrode Holder 2.5M

SPECIFICATIONS

Input power voltage (V)	380	Arc force current range (A)	0-100
Frequency (Hz)	50/60	Power factor (cosØ)	0.93
Rated input capacitance (kVA)	8.06	Insulation class	F
Rated input current (A)	15.09	Protection class	IP215
Duty cycle 60% (A)	250	Wattage	1100-5350
Duty cycle 100% (A)	194	MMA Output Current Range (A)	30-250
No-load loss (W)	60	MMA Rated output voltage (V)	30-250
No-load voltage (V)	63	Electrode (mm)	2.0-4.0
Efficiency (%)	85		



ARC 300 G

SKU: WM.DS.01.0300.101

FEATURES

- IGBT
- Display Digital
- Arc Force Menjaga Stabilitas Busur
- Over Current Protection



COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm): **530 x 306 x 425**
N.W. : G.W. : **11.45**

1 PH

ACCESSORIES

1. Ground Clamp 1.5M
2. Electrode Holder 2.5M

SPECIFICATIONS

Input power voltage (V)	220	Arc force current range (A)	0-100
Frequency (Hz)	50/60	Power factor (cosØ)	0.73
Rated input capacitance (kVA)	9.25	Insulation class	F
Rated input current (A)	59.78	Protection class	IP215
Duty cycle 60% (A)	300	Wattage	2225-4450
Duty cycle 100% (A)	233	MMA Output Current Range (A)	30-300
No-load loss (W)	80	MMA Rated output voltage (V)	30-300
No-load voltage (V)	56	Electrode (mm)	2.0-4.0
Efficiency (%)	85		



ARC 300 GA

SKU: **WM.DS.01.0300.113**

FEATURES

- IGBT
- Display Digital
- Arc Force Menjaga Stabilitas Busur
- Over Current Protection

COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000



Dimension (mm): **465 x 306 x 425**
 N.W. : G.W. : **9.65**

3 PH

ACCESSORIES

1. Ground Clamp 1.5M
2. Electrode Holder 2.5M

SPECIFICATIONS

Input power voltage (V)	380	Arc force current range (A)	0-100
Frequency (Hz)	50/60	Power factor (cosØ)	0.93
Rated input capacitance (kVA)	10.32	Insulation class	F
Rated input current (A)	19.11	Protection class	IP215
Duty cycle 60% (A)	300	Wattage	2225-4450
Duty cycle 100% (A)	233	MMA Output Current Range (A)	30-300
No-load loss (W)	80	MMA Rated output voltage (V)	30-300
No-load voltage (V)	65	Electrode (mm)	2.0-4.0
Efficiency (%)	85		

ARC 315 PFC

SKU: **WM.DS.01.0315.234**

FEATURES

- IGBT
- Display Digital
- Dapat Dipakai Menggunakan Genset
- Bisa Pakai Kawat Las 4mm
- Fungsi Arc Force Menjaga Stabilitas Busur
- Over Current Protection
- Bisa listrik 1ph (220V) & 3ph (380V)



COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm): **446 x 306 x 410**
 N.W. : **9.2** G.W. : **9.25**

2 PH

ACCESSORIES

1. Ground Clamp 1.2M
2. Electrode Holder 1.8M

SPECIFICATIONS

Input power voltage (V)	130 ~ 560	Arc force current range (A)	0-100
Frequency (Hz)	50/60	Power factor (cosØ)	0.93
Rated input capacitance (kVA)	11.04	Insulation class	F
Rated input current (A)	20.39	Protection class	IP215
Duty cycle 60% (A)	315	Wattage	1100-4800
Duty cycle 100% (A)	244	MMA Output Current Range (A)	20-315
No-load loss (W)	60	MMA Rated output voltage (V)	20-315
No-load voltage (V)	65	Electrode (mm)	2.0-4.0
Efficiency (%)	85		

ARC 400 I

SKU: **WM.DS.01.0400.063**

FEATURES

- IGBT
- Display Digital
- Panel Socket Scun Connection
- Fungsi Arc Force menjaga stabilitas busur
- Fungsi Hot Start mempermudah arc ignition
- Bisa pakai Remote Control
- Over Current Protection

COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder CNR Germany 800A
- Electrode Holder American Type 800A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder Kurf Haufe Germany 800A
- Ground Clamp 500A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000



Dimension (mm): **518 x 339 x 462**
 N.W. : **12.3** G.W. : **13.75**

3 PH

ACCESSORIES

1. Ground Clamp 2M
2. Electrode Holder 3M

SPECIFICATIONS

Input power voltage (V)	380	Arc force current range (A)	0-100
Frequency (Hz)	50/60	Power factor (cosØ)	0.93
Rated input capacitance (kVA)	15.48	Insulation class	F
Rated input current (A)	28.17	Protection class	IP215
Duty cycle 60% (A)	400	Wattage	2225-6875
Duty cycle 100% (A)	310	Remote Control	No
No-load loss (W)	100	MMA Output Current Range (A)	40-400
No-load voltage (V)	59	MMA Rated output voltage (V)	40-400
Efficiency (%)	85	Electrode (mm)	2.0-4.0



ARC 400 M

SKU: **WM.DS.01.M400.063**

FEATURES

- IGBT Module
- Display Digital
- Panel Socket Scun Connection
- Fungsi Arc Force Menjaga Stabilitas Busur
- Fungsi VRD (Voltage Reduction Device)
- Over Current Protection



COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder CNR Germany 800A
- Electrode Holder American Type 800A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder Kurf Haufe Germany 800A
- Ground Clamp 500A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm): **585 x 320 x 496**
 N.W. : **16.5** G.W. : **18.5**

3 PH

ACCESSORIES

1. Scun 50mm x 2pcs

SPECIFICATIONS

Input power voltage (V)	380	Arc force current range (A)	0-100
Frequency (Hz)	50/60	Power factor (cosØ)	0.93
Rated input capacitance (kVA)	15.48	Insulation class	F
Rated input current (A)	28.17	Protection class	IP215
Duty cycle 60% (A)	400	Wattage	2225-6875
Duty cycle 100% (A)	310	Remote Control	No
No-load loss (W)	100	MMA Output Current Range (A)	20-400
No-load voltage (V)	73	MMA Rated output voltage (V)	20-400
Efficiency (%)	85	Electrode (mm)	2.0-4.0



ARC 500 I

SKU: **WM.DS.01.0500.063**

FEATURES

- IGBT
- Display Digital
- Panel Socket TSK Connection
- Fungsi Arc Force menjaga stabilitas busur
- Fungsi Hot Start mempermudah arc ignition
- Bisa pakai Remote Control
- Over Current Protection

COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder CNR Germany 800A
- Electrode Holder American Type 800A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder Kurf Haufe Germany 800A
- Ground Clamp 500A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000



Dimension (mm): **530 x 306 x 425**
 N.W. : **12.3 Kg** G.W. : **14.05**

3 PH

ACCESSORIES

1. Ground Clamp 2M
2. Electrode Holder 3M

SPECIFICATIONS

Input power voltage (V)	380	Arc force current range (A)	0-100
Frequency (Hz)	50/60	Power factor (cosØ)	0.93
Rated input capacitance (kVA)	21.51	Insulation class	F
Rated input current (A)	38.57	Protection class	IP215
Duty cycle 60% (A)	500	Wattage	2225-9800
Duty cycle 100% (A)	388	Remote Control	No
No-load loss (W)	100	MMA Output Current Range (A)	30-500
No-load voltage (V)	65	MMA Rated output voltage (V)	30-500
Efficiency (%)	85	Electrode (mm)	2.0-4.0

ARC 500 M

SKU: **WM.DS.01.M500.063**

FEATURES

- IGBT Module
- Display Digital
- Panel Socket Scun Connection
- Fungsi Arc Force menjaga stabilitas busur
- Fungsi VRD (Voltage Reduction Device)
- Over Current Protection



COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder CNR Germany 800A
- Electrode Holder American Type 800A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder Kurf Haufe Germany 800A
- Ground Clamp 500A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm): **585 x 320 x 496**
 N.W. : **16.5 Kg** G.W. : **18.5**

3 PH

ACCESSORIES

1. Ground Clamp 500A x 1pc
2. Electrode Holder 500A x 1pc
3. Scun 50mm x 4pcs

SPECIFICATIONS

Input power voltage (V)	380	Arc force current range (A)	0-100
Frequency (Hz)	50/60	Power factor (cosØ)	0.93
Rated input capacitance (kVA)	21.51	Insulation class	F
Rated input current (A)	38.57	Protection class	IP215
Duty cycle 60% (A)	500	Wattage	2225-9800
Duty cycle 100% (A)	388	Remote Control	No
No-load loss (W)	100	MMA Output Current Range (A)	20-500
No-load voltage (V)	65	MMA Rated output voltage (V)	20-500
Efficiency (%)	85	Electrode (mm)	2.0-4.0

MIG 120 GS

SKU: WM.DS.02.012G.011

FEATURES

- Mig Torch terpisah
- Ukuran sangat kecil
- LCD Screen + Digital Control
- Synergic Control
- Voltage & Inductance Control
- 2T & 4T



Dimension (mm): **400 x 270 x 310**
 N.W. : G.W. : **7**

1 PH

ACCESSORIES

- | | |
|--------------------------|-----------------------------|
| 1. Mig Torch MB-14 2M | 4. Kedok Las |
| 2. Ground Clamp 1.5M | 5. Fcaw Gasless Wire 1 Roll |
| 3. Electrode Holder 1.5M | 6. Steel Brush |

SPECIFICATIONS

Input power voltage (V)	220	TIG Output Current Range (A)	20-120
Frequency (Hz)	50/60	TIG Rated Output Voltage (V)	23
Rated input capacitance (kVA)	3.60	TIG Arc starting (s)	LIFT TIG
Rated input current (A)	16.00		
Duty cycle 60% (A)	120		
Duty cycle 100% (A)	94		
No-load voltage (V)	16		
Efficiency (%)	85		
Power factor (cosØ)	0.73		
Insulation class	F		
Protection class	IP21S		
Wattage	750-2400		
MMA Output Current Range (A)	30-120		
MMA Rated output voltage (V)	30-120		
Electrode (mm)	2.0-3.2		

MIG 120 SE

SKU: **WM.DS.02.0120.011**

FEATURES

- Voltage Fine Tuning
- Ukuran Sangat Kecil
- MIG torch terpisah
- Display Amper Digital
- Kawat Las CO2/FCAW 1kg
- Multi Fungsi: MMA, MIG, MIG Gasles, LIFT-TIG
- Synergic Control: Ampere, Voltage & Wire Speed



COMPLEMENTARY

- WP-17V-20-2B (6Mtr) (Valve) TSK Connection
- WP-17V-12-2B (3.6Mtr) (Valve) TSK Connection
- WP-17-20-2B (6Mtr) (TSK)
- WP-17-12-2B (3.6Mtr) (TSK)
- Regulator Co2 Daesung
- Regulator Argon Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000
- Flux Cored Wire SF-71GS (Gasless), 0.8mm x 1kg

Dimension (mm): **400 x 270 x 310**
N.W. : **7** G.W. : **7**

1 PH

ACCESSORIES

- | | |
|--------------------------|-----------------------------|
| 1. Mig Torch AK-14 2M | 4. Kedok Las |
| 2. Ground Clamp 1.5M | 5. Fcaw Gasless Wire 1 Roll |
| 3. Electrode Holder 1.5M | 6. Steel Brush |

SPECIFICATIONS

Input power voltage (V)	220	MIG output current range (A)	30-120
Frequency (Hz)	50/60	MIG rated output voltage (V)	20
Rated input capacitance (kVA)	3.60	Wire feeder	Built-in
Rated input current (A)	16.00	Wire feed speed (m/min)	2-15
Duty cycle 60% (A)	120	Diameter of wire spool (mm)	1kg
Duty cycle 100% (A)	94	Diameter of wire (mm)	0.8
No-load voltage (V)	16	Inductance	Voltage Fine Tuning
Efficiency (%)	85	TIG Output Current Range (A)	20-120
Power factor (cosØ)	0.73	TIG Rated Output Voltage (V)	23
Insulation class	F	TIG Arc starting (s)	LIFT TIG
Protection class	IP21S		
Wattage	750-2400		
MMA Output Current Range (A)	30-120		
MMA Rated output voltage (V)	30-120		
Electrode (mm)	2.0-3.2		

MIG 160 A

SKU: **WM.DS.02.0160.011**

FEATURES

- Control Digital Yang Sempel & Mudah Dioperasikan
- Multi Fungsi: MMA, MIG, MIG Gasles, LIFT-TIG
- Bisa Setting Inductance
- Kapasitas Wire Feeder 5kg
- Over Current Protection
- Dual Display Digital
- Soft Switching
- IGBT

COMPLEMENTARY

- MB-15 (Binzel Euro Connection) (3 Meter)
- WP-17V-20-2B (6Mtr) (Valve) TSK Connection
- WP-17V-12-2B (3.6Mtr) (Valve) TSK Connection
- Regulator Co2 Daesung
- Regulator Argon Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000
- Flux Cored Wire SF-71GS (Gasless), 0.8mm x 5kg
- Flux Cored Wire SF-71GS (Gasless), 1.0mm x 5kg



Dimension (mm): **500 x 335 x 350**
N.W. : 7 G.W. : **11.4**

1 PH

ACCESSORIES

1. Mig Torch MB-15 3M
2. Ground Clamp 1.5
3. Electrode Holder 1.5M
4. Gas Hose

SPECIFICATIONS

Input power voltage (V)	220V	MIG output current range (A)	10-160
Frequency (Hz)	50/60	MIG rated output voltage (V)	22
Rated input capacitance (kVA)	4.82	Wire feeder	Built-in
Rated input current (A)	21.92	Diameter of wire spool (mm)	5kg
Duty cycle 60% (A)	160	Diameter of wire (mm)	0.6/0.8
Duty cycle 100% (A)	124	Inductance	-5 ~ +5
No-load voltage (V)	45	TIG Output Current Range (A)	20-160
Efficiency (%)	85	TIG Rated Output Voltage (V)	2-16
Power factor (cosØ)	0.73	TIG Arc starting (s)	LIFT TIG
Insulation class	F		
Protection class	IP21S		
Wattage	800-3500		
MMA Output Current Range (A)	20-160		
MMA Rated output voltage (V)	20-160		
Electrode (mm)	2.0-4.0		

MIG 200 E

SKU: **WM.DS.02.0200.021**

FEATURES

- IGBT
- Display Digital
- Wire Feeder Terpisah Tipe Panasonic
- Multi Fungsi: ARC/MMA atau MIG/GMAW
- Pengaturan Las Yang Mudah Di Operasikan
- Fungsi Arc Force
- Bisa Setting Inductance
- Over Current Protection

COMPLEMENTARY

- MB-15 (Binzel Euro Connection) (5 Meter)
- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000
- Regulator Co2 Daesung



Dimension (mm): **520 x 265 x 344**
N.W. : **8.4** G.W. : **11.9**

1 PH

ACCESSORIES

1. Mig Torch MB-15
2. Ground Clamp 2.5M
3. Electrode Holder 2.5M

SPECIFICATIONS

Input power voltage (V)	220	Electrode (mm)	2.0-4.0
Frequency (Hz)	50/60	MIG output current range (A)	30-200
Rated input capacitance (kVA)	6.58	MIG rated output voltage (V)	24.00
Rated input current (A)	29.89	Wire feeder	Separate. Panasonic Type
Duty cycle 60% (A)	200	Wire feed speed (m/min)	1.5-20 M/min
Duty cycle 100% (A)	155	Diameter of wire spool (mm)	15kg
No-load voltage (V)	48	Diameter of wire (mm)	0.8-1.0
Efficiency (%)	85	Inductance	0-10
Arc force current range (A)	0-60		
Power factor (cosØ)	0.73		
Insulation class	F		
Protection class	IP21S / IP2X		
Wattage	800-4800		
MMA Output Current Range (A)	30-200		
MMA Rated output voltage (V)	30-200		

MIG 200 G

SKU: **WM.DS.02.0200.051**

FEATURES

- IGBT
- Display Digital
- Wire Feeder Didalam Mesin
- Multi Fungsi: ARC/MMA atau MIG/GMAW
- Over Current Protection
- Kapasitas Wire Feeder 15kg



COMPLEMENTARY

- MB-15 (Binzel Euro Connection) (5 Meter)
- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000
- Regulator Co2 Daesung

Dimension (mm): **605 x 335 x 437**
 N.W. : **13.8** G.W. : **17.3**

1 PH

ACCESSORIES

1. Mig Torch MB-15 3M
2. Ground Clamp 2.5M
3. Electrode Holder 2.5M

SPECIFICATIONS

Input power voltage (V)	220	MIG output current range (A)	30-200
Frequency (Hz)	50/60	MIG rated output voltage (V)	24.00
Rated input capacitance (kVA)	6.58	Wire feeder	Built-in
Rated input current (A)	29.89	Diameter of wire spool (mm)	15kg
Duty cycle 60% (A)	200	Diameter of wire (mm)	0.8-1.0
Duty cycle 100% (A)	155		
No-load voltage (V)	48		
Efficiency (%)	85		
Power factor (cosØ)	0.73		
Insulation class	F		
Protection class	IP21S		
Wattage	800-4800		
MMA Output Current Range (A)	30-200		
MMA Rated output voltage (V)	30-200		
Electrode (mm)	2.0-4.0		

MIG 250 GT

SKU: **WM.DS.02.0250.091**

FEATURES

- IGBT
- Display Digital
- Wire Feeder Didalam Mesin Kapasitas 15 Kg
- Multi Fungsi: ARC/MMA atau MIG/GMAW
- Dilengkapi Dengan Roda
- Mode Kawat Las 0.8mm & 1.0mm
- Bisa Setting Inductance
- Over Current Protection

COMPLEMENTARY

- MB-24 (Binzel Euro Connection) (4 Meter)
- Regulator Co2 Heater 220V Daesung
- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000



Dimension (mm): **705 x 380 x 775**
 N.W. : **33.2** G.W. : **34,65**

1 PH

ACCESSORIES

1. Mig Torch MB-24 3M
2. Ground Clamp 3M
3. Electrode Holder 3M

SPECIFICATIONS

Input power voltage (V)	220	MIG output current range (A)	30-250
Frequency (Hz)	50/60	MIG rated output voltage (V)	26.50
Rated input capacitance (kVA)	9.08	Wire feeder	Built-in
Rated input current (A)	41.25	Diameter of wire spool (mm)	15kg
Duty cycle 60% (A)	250	Diameter of wire (mm)	0.8-1.0
Duty cycle 100% (A)	194		
No-load voltage (V)	52		
Efficiency (%)	85		
Power factor (cosØ)	0.73		
Insulation class	F		
Protection class	IP21S		
Wattage	1100-6600		
MMA Output Current Range (A)	30-250		
MMA Rated output voltage (V)	30-250		
Electrode (mm)	2.0-4.0		

MIG 250 GT

SKU: **WM.DS.02.0250.093**

FEATURES

- IGBT
- Display Digital
- Wire Feeder Didalam Mesin Kapasitas 15 Kg
- Multi Fungsi: ARC/MMA Atau MIG/GMAW
- Dilengkapi Dengan Roda
- Mode Kawat Las 0.8mm & 1.0mm
- Bisa Setting Inductance
- Over Current Protection

COMPLEMENTARY

- MB-24 (Binzel Euro Connection) (4 Meter)
- Regulator Co2 Heater 220V Daesung
- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000



Dimension (mm): **705 x 380 x 775**
 N.W. : **33.2** G.W. : **34.65**

3 PH

ACCESSORIES

1. Mig Torch MB-24 3M
2. Ground Clamp 3M
3. Electrode Holder 3M

SPECIFICATIONS

Input power voltage (V)	380	MIG output current range (A)	30-250
Frequency (Hz)	50/60	MIG rated output voltage (V)	26.50
Rated input capacitance (kVA)	9.08	Wire feeder	Built-in
Rated input current (A)	23.88	Diameter of wire spool (mm)	15kg
Duty cycle 60% (A)	250	Diameter of wire (mm)	0.8-1.0
Duty cycle 100% (A)	194		
No-load voltage (V)	52		
Efficiency (%)	85		
Power factor (cosØ)	0.93		
Insulation class	F		
Protection class	IP21S		
Wattage	1100-6600		
MMA Output Current Range (A)	30-250		
MMA Rated output voltage (V)	30-250		
Electrode (mm)	2.0-4.0		

MIG 350 S

SKU: **WM.DS.02.0350.043**

FEATURES

- IGBT Module
- Display Digital
- Bisa setting Inductance
- Mode 2T & 4T
- Panel Socket Scun Connection
- Multi Fungsi: ARC/MMA atau MIG/GMAW
- Arc Force, Crater Current & Voltage bisa diatur
- Wire Feeder Terpisah Tipe Panasonic (0.8, 1.0 & 1.2mm)

COMPLEMENTARY

- MT-35E BZ (Euro Connection) (5 Meter)
- MB-36E Binzel (Euro Connection) (4 Meter)
- Regulator Co2 Heater 220V Daesung
- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Ground Clamp 500A American Type
- Auto Darkening Solarmatic Welding Helmet WH - 3000



Dimension (mm): **655 x 370 x 545**
 N.W. : **30.5** G.W. : **30.55**

3 PH

ACCESSORIES

1. Mig Torch QTB-350 3M
2. Ground Clamp 2.5M
3. Electrode Holder 2M
4. Wire Feeder - Panasonic Type

SPECIFICATIONS

Input power voltage (V)	380	Protection class	IP21S/IP2X
Frequency (Hz)	50/60	Wattage	1100-11000
Rated input capacitance (kVA)	15.10	MMA Output Current Range (A)	40-350
Rated input current (A)	39.74	MMA Rated output voltage (V)	40-350
Duty cycle 60% (A)	350	Electrode (mm)	2.0-4.0
Duty cycle 100% (A)	271	MIG output current range (A)	40-350
No-load voltage (V)	69	MIG rated output voltage (V)	31.50
Efficiency (%)	85	Wire feeder	Panasonic separate with controls
Arc force current range (A)	0-100	Wire feed speed (m/min)	1.5-13 M/min
Power factor (cosØ)	0.73	Diameter of wire spool (mm)	15kg
Insulation class	F	Diameter of wire (mm)	0.8-1.2

MIG 500 S

SKU: **WM.DS.02.0500.043**

FEATURES

- IGBT Module
- Display Digital
- Mode 2T & 4T
- Bisa Setting Inductance
- Panel Socket Scun Connection
- Multi Fungsi: ARC/MMA Atau MIG/GMAW
- Arc Force, Crater Current & Voltage Bisa Diatur
- Wire Feeder Terpisah Tipe Panasonic (0.8, 1.0 & 1.2mm)

COMPLEMENTARY

- MT-50E BZ (Euro Connection) (5 Meter)
- MB-500 Binzel (Euro Connection) 4 Meter (Watercooled)
- Regulator Co2 Heater 220V Daesung
- Electrode Holder CNR Germany 800A
- Electrode Holder American Type 800A
- Electrode Holder Kurf Haufe Germany 800A
- Ground Clamp 500A American Type
- Auto Darkening Solarmatic Welding Helmet WH - 3000



Dimension (mm): **655 x 370 x 545**
 N.W. : **33.1** G.W. : **33.15**

3 PH

ACCESSORIES

1. Mig Torch QTB-350 3M
2. Ground Clamp 3M
3. Electrode Holder 3M
4. Wire Feeder - Panasonic Type

SPECIFICATIONS

Input power voltage (V)	380	Electrode (mm)	2.0-4.0
Frequency (Hz)	50/60	MIG output current range (A)	40-500
Rated input capacitance (kVA)	26.71	MIG rated output voltage (V)	39.00
Rated input current (A)	70.30	Wire feeder	Panasonic separate with controls
Duty cycle 60% (A)	500	Wire feed speed (m/min)	1.5-13 M/min
Duty cycle 100% (A)	388	Diameter of wire spool (mm)	15kg
No-load voltage (V)	71	Diameter of wire (mm)	0.8-1.6
Efficiency (%)	85		
Arc force current range (A)	0-100		
Power factor (cosØ)	0.93		
Insulation class	F		
Protection class	IP215		
Wattage	5500-19500		
MMA Output Current Range (A)	40-500		
MMA Rated output voltage (V)	40-500		

TIG 160

SKU: **WM.DS.03.0160.021**

FEATURES

- IGBT
- Display Digital
- Over Current Protection
- Multi Fungsi: Mode ARC/MMA Atau TIG/GTAW



COMPLEMENTARY

- WP-17-20B Single (6Mtr) Nipple Connection (Air Cooled)
- WP-26-20B Single (6Mtr) Nipple Connection (Air Cooled)
- Electrode Holder CNR KB-300 Type 200A
- Auto Darkening Solarmatic Welding Helmet WH-3000
- Regulator Argon Daesung

Dimension (mm): **330 x 240 x 285**
 N.W. : **6.6** G.W. : **50**

1 PH

ACCESSORIES

- | | |
|--------------------------|----------------|
| 1. Tig Torch WP-17 4M | 3. Mask |
| 2. Ground Clamp 1.5M | 4. Steel Brush |
| 3. Electrode Holder 1.5M | |

SPECIFICATIONS

Input power voltage (V)	220	MMA Rated output voltage (V)	20-120
Frequency (Hz)	50/60	Electrode (mm)	2.0-4.0
Rated input capacitance (kVA)	3.59	TIG Output Current Range (A)	10-160
Rated input current (A)	16.34	TIG Rated Output Voltage (V)	16.4
Duty cycle 60% (A)	160	TIG Arc starting (s)	HF
Duty cycle 100% (A)	124		
No-load loss (W)	40		
No-load voltage (V)	62		
Efficiency (%)	85		
Power factor (cosØ)	0.73		
Insulation class	F		
Protection class	IP21		
Wattage	200-2800		
Remote Control	No		
MMA Output Current Range (A)	20-120		

TIG 180 P

SKU: **WM.DS.03.0180.081**

FEATURES

- IGBT
- Display Digital
- Multi Fungsi: MMA,TIG, Spot TIG & Electrochemical
- Mode 2T & 4T
- Mode Pulse On & Pulse Off
- Control Digital Yang Mudah Dioperasikan
- Over Current Protection

COMPLEMENTARY

- WP-26-20B Single (6Mtr) Nipple Connection (Air Cooled)
- WP-17-20B Single (6Mtr) Nipple Connection (Air Cooled)
- Ground Clamp 300A American Type
- Electrode Holder CNR KB-300 Type 200A
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000
- Regulator Argon Daesung
- Electrochemical Cleaning Brush & Powder



Dimension (mm):

N.W. : **4.85**

G.W. : **8.55**

1 PH

ACCESSORIES

- | | |
|-------------------------------|--------------------|
| 1. Tig Torch WP-17-12B Single | 5. Gas Hose 2M |
| 2. Ground Clamp 1.5M | 6. Cleaning Powder |
| 3. Electrode Holder 1.5M | 7. Hose Clamp 2Pcs |
| 4. Cleaning Torch | |

SPECIFICATIONS

Input power voltage (V)	220	Post-flow time (s)	1-10
Frequency (Hz)	50/60	MMA Output Current Range (A)	10-140
Rated input capacitance (kVA)	4.24	MMA Rated output voltage (V)	10-140
Rated input current (A)	19.28	TIG Output Current Range (A)	10-180
Duty cycle 60% (A)	180	TIG Rated Output Voltage (V)	17.20
Duty cycle 100% (A)	140	TIG Arc starting (s)	HF
No-load loss (W)	60	Pulse frequency (Hz)	0.5-200
No-load voltage (V)	40	Peak time / Pulse Width (%)	5-95
Efficiency (%)	85	Base Amp (%)	5-95
Power factor (cosØ)	0.73	Spot output current range (A)	10-180
Insulation class	F	Clean output current range (A)	5-30
Protection class	IP21S		
Wattage	800-3300		
Remote Control	No		
Pre-flow time (s)	0-1		

TIG 200

SKU: **WM.DS.03.0200.021**

FEATURES

- IGBT
- Display Digital
- Over Current Protection
- Multi Fungsi: Mode ARC/MMA Atau TIG/GTAW
- WP-17-20B Single (6Mtr) Nipple Connection (Air Cooled)
- WP-26-20B Single (6Mtr) Nipple Connection (Air Cooled)
- Electrode Holder CNR KB-300 Type 200A
- Auto Darkening Solarmatic Welding Helmet WH-3000
- Regulator Argon Daesung



Dimension (mm): **330 x 240 x 28**
 N.W. : **6.75** G.W. :

1 PH

ACCESSORIES

1. Tig Torch WP-17 4M
2. Ground Clamp 1.5M
3. Electrode Holder 1.5M
3. Mask
4. Steel Brush

SPECIFICATIONS

Input power voltage (V)	220	MMA Rated output voltage (V)	20-140
Frequency (Hz)	50/60	Electrode (mm)	2.0-4.0
Rated input capacitance (kVA)	4.93	TIG Output Current Range (A)	10-200
Rated input current (A)	22.42	TIG Rated Output Voltage (V)	18
Duty cycle 60% (A)	200	TIG Arc starting (s)	HF
Duty cycle 100% (A)	155		
No-load loss (W)	40		
No-load voltage (V)	62		
Efficiency (%)	85		
Power factor (cosØ)	0.73		
Insulation class	F		
Protection class	IP21		
Wattage	200-3300		
Remote Control	No		
MMA Output Current Range (A)	20-140		



TIG 200 AC/DC

SKU: **WM.DS.03.0200.051**

FEATURES

- VMOS
- Display Digital
- Mode 2T & 4T
- Mode AC & DC, Dengan Fitur AC Balance/Cleaning Action
- Pengaturan Las Dan Gas Yang Mudah Dan Lengkap
- Over Current Protection



COMPLEMENTARY

- WP-26-12B Single (3.6Mtr) Nipple Connection (Air Cooled)
- WP-26-20B Single (6Mtr) Nipple Connection (Air Cooled)
- Ground Clamp 300A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000
- Regulator Argon Daesung



Dimension (mm): **610 x 430 x 425**
 N.W. : **21.5** G.W. : **27**

1 PH

ACCESSORIES

1. Tig Torch WP-26-12B Single
2. Ground Clamp
3. Air Regulator
4. Gas Hose 2M

SPECIFICATIONS

Input power voltage (V)	220V	Post-flow time (s)	2-10
Frequency (Hz)	50/60	TIG Output Current Range (A)	10-200
Rated input capacitance (kVA)	5.93	TIG Rated Output Voltage (V)	18.00
Rated input current (A)	22.42	TIG Arc starting (s)	HF
Duty cycle 60% (A)	200	Down-slope current adjustment time (s)	0-5
Duty cycle 100% (A)	155	Clean width (%)	20-80
No-load loss (W)	60	AC Balance	-5 ~ +5
No-load voltage (V)	45		
Efficiency (%)	85		
Power factor (cosØ)	0.73		
Insulation class	F		
Protection class	IP21S		
Wattage	1100-5000		
Remote Control	No		
Pre-flow time (s)	0-2		



TIG 250

SKU: **WM.DS.03.0250.011**

FEATURES

- VMOS
- Display Digital
- Multi Fungsi: ARC/MMA Atau TIG/GTAW
- Over Current Protection

COMPLEMENTARY

- WP-26-12B Single Nipple Connection (Air Cooled)
- WP-26-20B Single Nipple Connection (Air Cooled)
- Ground Clamp 300A American Type
- Electrode Holder CNR KB-300 Type 200A
- Electrode Holder CNR KB-200 Type 200A
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000
- Regulator Argon Daesung



Dimension (mm): **520 x 265 x 344**
 N.W. : **7.1** G.W. : **11**

1 PH

ACCESSORIES

1. Tig Torch WP-26-12-2B TSK
2. Ground Clamp 3M
3. Air Regulator 3M
4. Gas Hose 3M

SPECIFICATIONS

Input power voltage (V)	220	MMA Rated output voltage (V)	10-250
Frequency (Hz)	50/60	Electrode (mm)	2.0-4.0
Rated input capacitance (kVA)	6.85	TIG Output Current Range (A)	10-250
Rated input current (A)	14.15	TIG Rated Output Voltage (V)	20.00
Duty cycle 60% (A)	250	TIG Arc starting (s)	HF
Duty cycle 100% (A)	194		
No-load loss (W)	60		
No-load voltage (V)	56		
Efficiency (%)	85		
Power factor (cosØ)	0.93		
Insulation class	F		
Protection class	IP21S		
Wattage	1100-5000		
Remote Control	No		
MMA Output Current Range (A)	10-250		

TIG 315 AC/DC

SKU: **WM.DS.03.0315.053**

FEATURES

- VMOS
- Display Digital
- Bisa Pakai Remote
- Mode 2T & 4T
- Mode AC & DC, Dengan Fitur AC Balance/Cleaning Action
- Pengaturan Las Dan Gas Yang Mudah Dan Lengkap
- Over Current Protection

COMPLEMENTARY

- WP-18-12B (3.6Mtr) Nipple Connection (Water Cooled)
- WP-18-20B (6Mtr) Nipple Connection (Water Cooled)
- Ground Clamp 300A American Type
- Ground Clamp 500A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000
- Regulator Argon Daesung



Dimension (mm): **660 x 455 x 560**
 N.W. : **32.2** G.W. : **34**

3 PH

ACCESSORIES

1. Tig Torch WP-18-12 + Watercool Adapter
2. Ground Clamp 3M

SPECIFICATIONS

Input power voltage (V)	380	TIG Output Current Range (A)	10-315
Frequency (Hz)	50/60	TIG Rated Output Voltage (V)	22.60
Rated input capacitance (kVA)	9.75	TIG Arc starting (s)	HF
Rated input current (A)	20.14	Pulse frequency (Hz)	0.5-5
Duty cycle 60% (A)	315	Peak time / Pulse Width (%)	10-90
Duty cycle 100% (A)	244	Down-slope current adjustment time (s)	0-5
No-load loss (W)	100	Clean width (%)	20-80
No-load voltage (V)	74	AC Balance	-5 ~ +5
Efficiency (%)	85		
Power factor (cosØ)	0.93		
Insulation class	F		
Protection class	IP21S		
Wattage	2225-7000		
Remote Control	Yes		
Post-flow time (s)	1-10		

TIG 315 P AC/DC

SKU: **WM.DS.03.0315.063**

FEATURES

- IGBT
- Display Digital
- Bisa Pakai Remote
- Panel Socket Scun Connection
- Multi Fungsi: ARC/MMA Atau TIG/GTAW
- Mode AC & DC, Dengan Fitur AC Balance/Cleaning Action
- Mode Pulse On & Pulse Off Yang Lengkap
- Mode 2T & 4T

COMPLEMENTARY

- WP-18-20B (6Mtr) Nipple Connection (Water Cooled)
- Electrode Holder CNR Germany 600A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR KB-300 Type 200A
- Ground Clamp 500A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000
- Regulator Argon Daesung



Dimension (mm): **660 x 455 x 560**
 N.W. : **32.2** G.W. : **34**

3 PH

ACCESSORIES

1. Tig Torch WP-18-12 + Watercool Adapter
2. Ground Clamp 2.5M
3. Electrode Holder 2.5M

SPECIFICATIONS

Input power voltage (V)	380	MMA Output Current Range (A)	5-315
Frequency (Hz)	50/60	MMA Rated output voltage (V)	5-315
Rated input capacitance (kVA)	9.75	TIG Output Current Range (A)	5-315
Rated input current (A)	20.14	TIG Rated Output Voltage (V)	22.60
Duty cycle 60% (A)	315	TIG Arc starting (s)	HF
Duty cycle 100% (A)	244	Pulse frequency (Hz)	0.5-5
No-load loss (W)	100	Peak time / Pulse Width (%)	10-90
No-load voltage (V)	71	Base Amp (%)	5-315
Efficiency (%)	85	Down-slope current adjustment time (s)	0-5
Power factor (cosØ)	0.93	Clean width (%)	20-80
Insulation class	F		
Protection class	IP215		
Wattage	2225-7000		
Remote Control	Yes		
Post-flow time (s)	1-10		

TIG 400 M

SKU: **WM.DS.03.M400.013**

FEATURES

- IGBT Module
- Display Digital
- Multi Fungsi: ARC/MMA Atau TIG/GTAW
- Fungsi Arc Force Dan Hot Start
- Fungsi Pengaturan Timer Downslope
- Over Current Protection

COMPLEMENTARY

- WP-18-20 (6Mtr) TSK Connection (Water Cooled)
- Electrode Holder CNR Germany 800A
- Electrode Holder American Type 800A
- Electrode Holder Kurf Haufe Germany 800A
- Ground Clamp 500A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000
- Regulator Argon Daesung



Dimension (mm): **623 x 363 x 521**
 N.W. : **19.1** G.W. : **23.55**

3 PH

ACCESSORIES

1. Tig Torch WP-18-12B
2. Ground Clamp 2.5M

SPECIFICATIONS

Input power voltage (V)	380	Hot Start Current Range (A)	0-100
Frequency (Hz)	50/60	MMA Output Current Range (A)	10-400
Rated input capacitance (kVA)	14.25	MMA Rated output voltage (V)	10-400
Rated input current (A)	29.43	Electrode (mm)	2.0-4.0
Duty cycle 60% (A)	400	TIG Output Current Range (A)	0-400
Duty cycle 100% (A)	310	TIG Rated Output Voltage (V)	26.00
No-load loss (W)	100	TIG Arc starting (s)	HF
No-load voltage (V)	66	Down-slope current adjustment time (s)	0-5
Efficiency (%)	85		
Arc force current range (A)	10-100		
Power factor (cosØ)	0.93		
Insulation class	F		
Protection class	IP215		
Wattage	2225-10000		
Remote Control	No		



CUT 40 IGBT

SKU: WM.DS.04.004I.011

FEATURES

- IGBT
- Fungsi Post-Gas
- Portable
- Bisa Potong Besi 12mm



COMPLEMENTARY

- PT 31 Torch Set (5 Meter)
- Ground Clamp 300A American Type
- Air Plasma Regulator

Dimension (mm): **485 x 273 x 345**
 N.W. : **8** G.W. : **9.2**

1 PH

ACCESSORIES

- | | |
|--------------------------|---------------------|
| 1. Plasma Torch PT-31 5M | 4. Hose Clamp 2 Pcs |
| 2. Ground Clamp | 5. Gas Hose 2M |
| 3. Air Regulator | |

SPECIFICATIONS

Input power voltage (V)	220	Protection class	IP23
Frequency (Hz)	50/60	Wattage	1300-3800
Rated input capacitance (kVA)	6.40	Post-flow time (s)	0-15
Rated input current (A)	23.91	CUT Output Current Range	20-40
Duty cycle 60% (A)	40	CUT Rated Output Voltage (V)	96
Duty cycle 100% (A)	31	Compressed air (for steel)	4-5
No-load voltage (V)	330	Cutting thickness for steel (mm / quality)	12/5
Efficiency (%)	85	Compressed air (for stainless steel)	4-5
Power factor (cosØ)	0.73	Cutting thickness for stainless steel (mm / quality)	8/4
Insulation class	B	CUT Arc starting (s)	Contact





CUT 60 DV

SKU: **WM.DS.04.0060.074**

FEATURES

- IGBT
- Fungsi Post-Gas
- Dual Voltage
- Bisa Potong Besi 20mm

COMPLEMENTARY

- SG 51 Torch Set (5 Meter)
- SG 55 Torch Set (5 Meter)
- Ground Clamp 300A American Type
- Air Plasma Regulator



Dimension (mm): **485 x 273 x 345**
 N.W. : G.W. : **11.2**

1/3 PH

ACCESSORIES

- | | |
|--------------------------|------------------|
| 1. Plasma Torch SG-51 3M | 3. Air Regulator |
| 2. Ground Clamp | 4. Gas Hose 2M |

SPECIFICATIONS

Input power voltage (V)	220 / 380	Protection class	IP21S
Frequency (Hz)	50/60	Wattage	1300-6200
Rated input capacitance (kVA)	6.71	Post-flow time (s)	0-10
Rated input current (A)	31.77	CUT Output Current Range	20-60
Duty cycle 60% (A)	60	CUT Rated Output Voltage (V)	104
Duty cycle 100% (A)	47	Compressed air (for steel)	4-5
No-load voltage (V)	276	Cutting thickness for steel (mm / quality)	20/10
Efficiency (%)	85	Compressed air (for stainless steel)	4-5
Power factor (cosØ)	0.93	Cutting thickness for stainless steel (mm / quality)	15/10
Insulation class	F	CUT Arc starting (s)	Contact





CUT 100

SKU: WM.DS.04.0100.013

FEATURES

- IGBT
- Display Digital
- Over Current Protection
- Bisa Untuk Mesin CNC



COMPLEMENTARY

- P 80 Torch Set (5 Meter)
- P 80 Torch Set (10 Meter)
- P 80 Torch Set Lurus (5 Meter)
- Ground Clamp 300A American Type
- Air Plasma Regulator

Dimension (mm): **600 x 345 x 475**
 N.W. : **20.5 Kg** G.W. : **28.5**

3 PH

ACCESSORIES

1. Plasma Torch P80 with roller guide 4M
2. Ground Clamp 3M
3. Air Regulator
4. Gas Hose 3M

SPECIFICATIONS

Input power voltage (V)	380	Protection class	IP21S
Frequency (Hz)	50/60	Wattage	1300-12000
Rated input capacitance (kVA)	16.44	CUT Output Current Range	20-100
Rated input current (A)	33.96	CUT Rated Output Voltage (V)	120
Duty cycle 60% (A)	100	Compressed air (for steel)	4-5
Duty cycle 100% (A)	78	Cutting thickness for steel (mm / quality)	30/15
No-load voltage (V)	467	Compressed air (for stainless steel)	4-6
Efficiency (%)	85	Cutting thickness for stainless steel (mm / quality)	20/10
Power factor (cosØ)	0.93	CUT Arc starting (s)	Pilot
Insulation class	F		

