

# ARC 120 A

SKU: WM.CN.01.0120.041

## FEATURES

- VMOS
- Ukuran Kecil
- Over Current Protection



## COMPLEMENTARY

- 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

Dimension (mm): **455 x 270 x 345**  
N.W. : **G.W. : 6.65**

**1 PH**

## ACCESSORIES

- |                      |                          |
|----------------------|--------------------------|
| 1. Ground Clamp 2.5M | 3. Electrode Holder 1.5M |
| 2. Welding Mask      | 4. Steel Brush           |

## SPECIFICATIONS

|                               |              |
|-------------------------------|--------------|
| Input power voltage (V)       | <b>220</b>   |
| Frequency (Hz)                | <b>50/60</b> |
| Rated input capacitance (kVA) | <b>4.21</b>  |
| Rated input current (A)       | <b>19.13</b> |
| Duty cycle 60% (A)            | <b>120</b>   |
| Duty cycle 100% (A)           | <b>95</b>    |
| No-load loss (W)              | <b>30</b>    |
| No-load voltage (V)           | <b>59</b>    |

|                              |                 |
|------------------------------|-----------------|
| Efficiency (%)               | <b>85</b>       |
| Power factor ( $\cos\phi$ )  | <b>0.73</b>     |
| Insulation class             | <b>F</b>        |
| Protection class             | <b>IP21S</b>    |
| Wattage                      | <b>600-2200</b> |
| MMA Output Current Range (A) | <b>20-120</b>   |
| MMA Rated output voltage (V) | <b>24.95</b>    |
| Electrode (mm)               | <b>2.0-4.0</b>  |

# ARC 120 M

SKU: WM.CN.01.0120.051

## FEATURES

- IGBT
- Ukuran Kecil
- Bisa Pakai Kawat Las 4mm
- 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): **245 x 100 x 155**  
 N.W. : **3.65** G.W. : **3.65**

**1 PH**

## ACCESSORIES

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

## SPECIFICATIONS

|                         |            |
|-------------------------|------------|
| Input power voltage (V) | <b>220</b> |
|-------------------------|------------|

|                |              |
|----------------|--------------|
| Frequency (Hz) | <b>50/60</b> |
|----------------|--------------|

|                               |             |
|-------------------------------|-------------|
| Rated input capacitance (kVA) | <b>3.10</b> |
|-------------------------------|-------------|

|                         |              |
|-------------------------|--------------|
| Rated input current (A) | <b>19.13</b> |
|-------------------------|--------------|

|                    |            |
|--------------------|------------|
| Duty cycle 60% (A) | <b>120</b> |
|--------------------|------------|

|                     |           |
|---------------------|-----------|
| Duty cycle 100% (A) | <b>95</b> |
|---------------------|-----------|

|                  |           |
|------------------|-----------|
| No-load loss (W) | <b>30</b> |
|------------------|-----------|

|                     |           |
|---------------------|-----------|
| No-load voltage (V) | <b>59</b> |
|---------------------|-----------|

|                |           |
|----------------|-----------|
| Efficiency (%) | <b>85</b> |
|----------------|-----------|

|                             |             |
|-----------------------------|-------------|
| Power factor ( $\cos\phi$ ) | <b>0.73</b> |
|-----------------------------|-------------|

|                  |          |
|------------------|----------|
| Insulation class | <b>F</b> |
|------------------|----------|

|                  |              |
|------------------|--------------|
| Protection class | <b>IP21S</b> |
|------------------|--------------|

|         |                 |
|---------|-----------------|
| Wattage | <b>350-2200</b> |
|---------|-----------------|

|                              |               |
|------------------------------|---------------|
| MMA Output Current Range (A) | <b>20-120</b> |
|------------------------------|---------------|

|                              |              |
|------------------------------|--------------|
| MMA Rated output voltage (V) | <b>24.95</b> |
|------------------------------|--------------|

|                |                |
|----------------|----------------|
| Electrode (mm) | <b>2.0-4.0</b> |
|----------------|----------------|

# ARC 160

SKU: WM.CN.01.0160.041

## FEATURES

- IGBT
- Ukuran Kecil
- 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

Dimension (mm): **455 x 270 x 325**  
 N.W. : **6** G.W. : **6.85**

**1 PH**

## ACCESSORIES

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

## SPECIFICATIONS

|                               |              |                              |                 |
|-------------------------------|--------------|------------------------------|-----------------|
| Input power voltage (V)       | <b>220</b>   | Efficiency (%)               | <b>85</b>       |
| Frequency (Hz)                | <b>50/60</b> | Power factor ( $\cos\phi$ )  | <b>0.73</b>     |
| Rated input capacitance (kVA) | <b>5.97</b>  | Insulation class             | <b>F</b>        |
| Rated input current (A)       | <b>27.15</b> | Protection class             | <b>IP21S</b>    |
| Duty cycle 60% (A)            | <b>160</b>   | Wattage                      | <b>800-3100</b> |
| Duty cycle 100% (A)           | <b>127</b>   | MMA Output Current Range (A) | <b>20-160</b>   |
| No-load loss (W)              | <b>40</b>    | MMA Rated output voltage (V) | <b>26.56</b>    |
| No-load voltage (V)           | <b>56</b>    | Electrode (mm)               | <b>2.0-4.0</b>  |

# ARC 160 D

SKU: WM.CN.01.0160.094

## FEATURES

- IGBT
- Dual Voltage (Bisa listrik 1 Phase dan 3 phase)
- Bisa Pakai Kawat Las 4mm
- 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): **455 x 270 x 345**  
 N.W. : **7.05** G.W. : **7.05**

**1/3 PH**

## ACCESSORIES

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

## SPECIFICATIONS

|                               |                  |
|-------------------------------|------------------|
| Input power voltage (V)       | <b>220 / 380</b> |
| Frequency (Hz)                | <b>50/60</b>     |
| Rated input capacitance (kVA) | <b>5.93</b>      |
| Rated input current (A)       | <b>26.93</b>     |
| Duty cycle 60% (A)            | <b>160</b>       |
| Duty cycle 100% (A)           | <b>127</b>       |
| No-load loss (W)              | <b>40</b>        |
| No-load voltage (V)           | <b>56</b>        |

|                              |                 |
|------------------------------|-----------------|
| Efficiency (%)               | <b>85</b>       |
| Power factor ( $\cos\phi$ )  | <b>0.73</b>     |
| Insulation class             | <b>F</b>        |
| Protection class             | <b>IP21S</b>    |
| Wattage                      | <b>800-3100</b> |
| MMA Output Current Range (A) | <b>20-160</b>   |
| MMA Rated output voltage (V) | <b>26.56</b>    |
| Electrode (mm)               | <b>2.0-4.0</b>  |

# ARC 200 D

SKU: WM.CN.01.0200.094

## FEATURES

- IGBT
- Dual Voltage (Bisa Listrik 1 Phase Dan 3 Phase)
- Bisa Pakai Kawat Las 4mm
- 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

Dimension (mm): **455 x 270 x 345**  
N.W. : **7.05**

**1/3 PH**

## ACCESSORIES

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

## SPECIFICATIONS

|                               |                  |
|-------------------------------|------------------|
| Input power voltage (V)       | <b>220 / 380</b> |
| Frequency (Hz)                | <b>50/60</b>     |
| Rated input capacitance (kVA) | <b>7.86</b>      |
| Rated input current (A)       | <b>35.70</b>     |
| Duty cycle 60% (A)            | <b>200</b>       |
| Duty cycle 100% (A)           | <b>159</b>       |
| No-load loss (W)              | <b>40</b>        |
| No-load voltage (V)           | <b>56</b>        |

|                              |                 |
|------------------------------|-----------------|
| Efficiency (%)               | <b>85</b>       |
| Power factor ( $\cos\phi$ )  | <b>0.73</b>     |
| Insulation class             | <b>F</b>        |
| Protection class             | <b>IP21S</b>    |
| Wattage                      | <b>900-4000</b> |
| MMA Output Current Range (A) | <b>20-200</b>   |
| MMA Rated output voltage (V) | <b>28.17</b>    |
| Electrode (mm)               | <b>2.0-4.0</b>  |

# ARC 200

SKU: WM.CN.01.0200.041

## FEATURES

- VMOS
- Display Digital
- Ukuran kecil
- 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

Dimension (mm): **455 x 270 x 325**  
N.W. : **6**      G.W. : **7.1**

**1 PH**

## ACCESSORIES

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

## SPECIFICATIONS

|                               |              |                              |                 |
|-------------------------------|--------------|------------------------------|-----------------|
| Input power voltage (V)       | <b>220</b>   | Efficiency (%)               | <b>85</b>       |
| Frequency (Hz)                | <b>50/60</b> | Power factor ( $\cos\phi$ )  | <b>0.73</b>     |
| Rated input capacitance (kVA) | <b>7.92</b>  | Insulation class             | <b>F</b>        |
| Rated input current (A)       | <b>35.99</b> | Protection class             | <b>IP21S</b>    |
| Duty cycle 60% (A)            | <b>200</b>   | Wattage                      | <b>900-4000</b> |
| Duty cycle 100% (A)           | <b>159</b>   | MMA Output Current Range (A) | <b>20-200</b>   |
| No-load loss (W)              | <b>40</b>    | MMA Rated output voltage (V) | <b>28.17</b>    |
| No-load voltage (V)           | <b>56</b>    | Electrode (mm)               | <b>2.0-4.0</b>  |

# ARC 250

SKU: WM.CN.01.0250.041

## FEATURES

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



## COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder CNR Germany 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

Dimension (mm): **580 x 306 x 425**  
N.W : **11.8** G.W. : **15.15**

**1 PH**

## ACCESSORIES

- |                        |                          |
|------------------------|--------------------------|
| 1. Electrode Holder 3M | 3. Electrode Holder 1.5M |
| 2. Ground Clamp 3M     | 4. Steel Brush           |

## SPECIFICATIONS

|                               |              |
|-------------------------------|--------------|
| Input power voltage (V)       | <b>220</b>   |
| Frequency (Hz)                | <b>50/60</b> |
| Rated input capacitance (kVA) | <b>7.54</b>  |
| Rated input current (A)       | <b>15.58</b> |
| Duty cycle 60% (A)            | <b>250</b>   |
| Duty cycle 100% (A)           | <b>199</b>   |
| No-load loss (W)              | <b>60</b>    |
| No-load voltage (V)           | <b>65</b>    |
| Efficiency (%)                | <b>85</b>    |

Arc force current range (A) **0-100**

Power factor ( $\cos\phi$ ) **0.73**

Insulation class **F**

Protection class **IP21S**

Wattage **1100-5350**

MMA Output Current Range (A) **30-250**

MMA Rated output voltage (V) **30.18**

Electrode (mm) **2.0-4.0**

# ARC 250

SKU: WM.CN.01.0250.043

## FEATURES

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



## COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder CNR Germany 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

Dimension (mm): **580 x 306 x 425**  
N.W : 11.8      G.W : **15.05**

**3 PH**

## ACCESSORIES

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

## SPECIFICATIONS

|                               |              |
|-------------------------------|--------------|
| Input power voltage (V)       | <b>380</b>   |
| Frequency (Hz)                | <b>50/60</b> |
| Rated input capacitance (kVA) | <b>8.32</b>  |
| Rated input current (A)       | <b>15.58</b> |
| Duty cycle 60% (A)            | <b>250</b>   |
| Duty cycle 100% (A)           | <b>199</b>   |
| No-load loss (W)              | <b>60</b>    |
| No-load voltage (V)           | <b>63</b>    |
| Efficiency (%)                | <b>85</b>    |

|                              |                  |
|------------------------------|------------------|
| Arc force current range (A)  | <b>0-100</b>     |
| Power factor ( $\cos\phi$ )  | <b>0.93</b>      |
| Insulation class             | <b>F</b>         |
| Protection class             | <b>IP21S</b>     |
| Wattage                      | <b>1100-5350</b> |
| MMA Output Current Range (A) | <b>30-250</b>    |
| MMA Rated output voltage (V) | <b>30.18</b>     |
| Electrode (mm)               | <b>2.0-4.0</b>   |

# ARC 250 D

SKU: WM.CN.01.0250.094

## FEATURES

- IGBT
- Display Digital
- Dual Voltage (Bisa Listrik 1 Phase Dan 3 Phase)
- Arc Force Menjaga Stabilitas Busur
- Bisa Pakai Kawat Las 4mm
- Over Current Protection



## COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder CNR Germany 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): 590 x 315 x 415  
N.W. : G.W. : 14.75

1/3 PH

## ACCESSORIES

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

## SPECIFICATIONS

|                               |           |
|-------------------------------|-----------|
| Input power voltage (V)       | 220 / 380 |
| Frequency (Hz)                | 50/60     |
| Rated input capacitance (kVA) | 7.48      |
| Rated input current (A)       | 15.45     |
| Duty cycle 60% (A)            | 250       |
| Duty cycle 100% (A)           | 199       |
| No-load loss (W)              | 60        |
| No-load voltage (V)           | 65        |
| Efficiency (%)                | 85        |

|                              |           |
|------------------------------|-----------|
| Arc force current range (A)  | 0-100     |
| Power factor ( $\cos\phi$ )  | 0.73      |
| Insulation class             | F         |
| Protection class             | IP21S     |
| Wattage                      | 1100-5350 |
| MMA Output Current Range (A) | 20-250    |
| MMA Rated output voltage (V) | 30.18     |
| Electrode (mm)               | 2.0-4.0   |

# ARC 315

SKU: WM.CN.01.0315.043

## FEATURES

- VMOS
- Display Digital
- Arc Force Menjaga Stabilitas Busur
- Bisa Pakai Remote Control
- Over Current Protection



## COMPLEMENTARY

- Electrode Holder CNR Germany 600A
- Electrode Holder CNR Germany 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): **660 x 410 x 553**  
N.W : **23.5** G.W : **25.4**

**3 PH**

## ACCESSORIES

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

## SPECIFICATIONS

|                               |              |
|-------------------------------|--------------|
| Input power voltage (V)       | <b>380</b>   |
| Frequency (Hz)                | <b>50/60</b> |
| Rated input capacitance (kVA) | <b>11.40</b> |
| Rated input current (A)       | <b>21.04</b> |
| Duty cycle 60% (A)            | <b>315</b>   |
| Duty cycle 100% (A)           | <b>250</b>   |
| No-load loss (W)              | <b>60</b>    |
| No-load voltage (V)           | <b>65</b>    |
| Efficiency (%)                | <b>85</b>    |

|                              |                  |
|------------------------------|------------------|
| Arc force current range (A)  | <b>0-100</b>     |
| Power factor ( $\cos\phi$ )  | <b>0.93</b>      |
| Insulation class             | <b>F</b>         |
| Protection class             | <b>IP21S</b>     |
| Wattage                      | <b>1100-4800</b> |
| Remote Control               | <b>Yes</b>       |
| MMA Output Current Range (A) | <b>30-315</b>    |
| MMA Rated output voltage (V) | <b>32.80</b>     |
| Electrode (mm)               | <b>2.0-4.0</b>   |

# ARC 400

SKU: WM.CN.01.0400.043

## FEATURES

- VMOS
- Display Digital
- Arc Force Menjaga Stabilitas Busur
- 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): **660 x 440 x 553**  
N.W. : **24.1**      G.W. : **24.45**

**3 PH**

## ACCESSORIES

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

## SPECIFICATIONS

|                               |              |
|-------------------------------|--------------|
| Input power voltage (V)       | <b>380</b>   |
| Frequency (Hz)                | <b>50/60</b> |
| Rated input capacitance (kVA) | <b>15.98</b> |
| Rated input current (A)       | <b>29.08</b> |
| Duty cycle 60% (A)            | <b>400</b>   |
| Duty cycle 100% (A)           | <b>318</b>   |
| No-load loss (W)              | <b>100</b>   |
| No-load voltage (V)           | <b>73</b>    |
| Efficiency (%)                | <b>85</b>    |

|                              |                  |
|------------------------------|------------------|
| Arc force current range (A)  | <b>0-100</b>     |
| Power factor ( $\cos\phi$ )  | <b>0.93</b>      |
| Insulation class             | <b>F</b>         |
| Protection class             | <b>IP21S</b>     |
| Wattage                      | <b>2225-6875</b> |
| Remote Control               | <b>Yes</b>       |
| MMA Output Current Range (A) | <b>40-400</b>    |
| MMA Rated output voltage (V) | <b>36.22</b>     |
| Electrode (mm)               | <b>2.0-4.0</b>   |

# ARC 400 W

SKU: WM.CN.01.0400.081

## FEATURES

- IGBT
- Arc Force Menjaga Stabilitas Busur
- VRD (Voltage Reduction Device)
- Over Current Protection



## COMPLEMENTARY

- Electrode Holder CNR Germany 800A
- Electrode Holder American Type 1000A
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder Kurf Haufe Germany 800A
- Ground Clamp 500A American Type
- Cable Connector Set Lenco USA LC40
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet

Dimension (mm): **580 x 345 x 465**  
 N.W. : **G.W. : 19.85**

**3 PH**

## ACCESSORIES

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

## SPECIFICATIONS

|                               |              |                              |                  |
|-------------------------------|--------------|------------------------------|------------------|
| Input power voltage (V)       | <b>380</b>   | Arc force current range (A)  | <b>0-100</b>     |
| Frequency (Hz)                | <b>50/60</b> | Power factor ( $\cos\phi$ )  | <b>0.93</b>      |
| Rated input capacitance (kVA) | <b>15.98</b> | Insulation class             | <b>F</b>         |
| Rated input current (A)       | <b>29.08</b> | Protection class             | <b>IP21S</b>     |
| Duty cycle 60% (A)            | <b>400</b>   | Wattage                      | <b>2225-6875</b> |
| Duty cycle 100% (A)           | <b>318</b>   | Remote Control               | <b>No</b>        |
| No-load loss (W)              | <b>100</b>   | MMA Output Current Range (A) | <b>40-400</b>    |
| No-load voltage (V)           | <b>73</b>    | MMA Rated output voltage (V) | <b>36.22</b>     |
| Efficiency (%)                | <b>85</b>    | Electrode (mm)               | <b>2.0-4.0</b>   |

# ARC 500

SKU: WM.CN.01.0500.043

## FEATURES

- VMOS
- Display Digital
- Arc Force Menjaga Stabilitas Busur
- 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

Dimension (mm): **670 x 420 x 580**  
 N.W : **25.5** G.W : **27.8**

**3 PH**

## ACCESSORIES

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

## SPECIFICATIONS

|                               |       |                              |           |
|-------------------------------|-------|------------------------------|-----------|
| Input power voltage (V)       | 380   | Arc force current range (A)  | 0-100     |
| Frequency (Hz)                | 50/60 | Power factor ( $\cos\phi$ )  | 0.93      |
| Rated input capacitance (kVA) | 22.20 | Insulation class             | F         |
| Rated input current (A)       | 39.81 | Protection class             | IP21S     |
| Duty cycle 60% (A)            | 500   | Wattage                      | 2225-9800 |
| Duty cycle 100% (A)           | 398   | Remote Control               | Yes       |
| No-load loss (W)              | 100   | MMA Output Current Range (A) | 30-500    |
| No-load voltage (V)           | 65    | MMA Rated output voltage (V) | 40.24     |
| Efficiency (%)                | 85    | Electrode (mm)               | 2.0-4.0   |

# MIG 250 PF

SKU: WM.CN.02.0250.103

## FEATURES

- IGBT
- Wire Feeder Terpisah dengan display digital
- Control Ampere dan pulse
- Fungsi inductance
- Bisa pakai water cooler untuk Mig Torch
- Over Current Protection



Dimension (mm):  
N.W. :                    G.W. :

3 PH

## ACCESSORIES

1. ERGOPLUS 36 1.5M      3. Regulator CO2  
2. Ground Clamp 3M

## SPECIFICATIONS

|                               |       |
|-------------------------------|-------|
| Input power voltage (V)       | 380   |
| Frequency (Hz)                | 50/60 |
| Duty cycle 60% (A)            | 250   |
| Duty cycle 100% (A)           | 199   |
| Efficiency (%)                | 85    |
| Power factor ( $\cos\theta$ ) | 0.73  |
| Insulation class              | F     |
| Protection class              | IP21S |

|                              |           |
|------------------------------|-----------|
| Wattage                      | 1100-6600 |
| MMA Output Current Range (A) | 20-250    |
| Electrode (mm)               | 2.0-4.0   |
| MIG output current range (A) | 20-250    |
| Wire feeder                  | Built-in  |
| Diameter of wire spool (mm)  | 15kg      |
| Diameter of wire (mm)        | 0.8-1.0   |
| Pulse frequency (Hz)         | 0-10      |

# MIG 250 PT

SKU: WM.CN.02.0250.083

## FEATURES

- IGBT
- Wire Feeder Didalam Mesin
- Display Digital
- Trolley Praktis
- Fungsi Inductance
- Pengaturan Las Dan Pulse Yang Mudah Di Operasikan
- Over Current Protection



Dimension (mm): **880 x 296 x 616**  
N.W. :                    G.W. :

**3 PH**

## ACCESSORIES

1. ERGOPLUS 36 1.5M
2. Ground Clamp 3M
3. Regulator CO2

## SPECIFICATIONS

|                             |              |
|-----------------------------|--------------|
| Input power voltage (V)     | <b>380</b>   |
| Frequency (Hz)              | <b>50/60</b> |
| Duty cycle 60% (A)          | <b>250</b>   |
| Duty cycle 100% (A)         | <b>199</b>   |
| Efficiency (%)              | <b>85</b>    |
| Power factor ( $\cos\phi$ ) | <b>0.73</b>  |
| Insulation class            | <b>F</b>     |
| Protection class            | <b>IP21S</b> |

|                              |                  |
|------------------------------|------------------|
| Wattage                      | <b>1100-6600</b> |
| MMA Output Current Range (A) | <b>20-250</b>    |
| Electrode (mm)               | <b>2.0-4.0</b>   |
| MIG output current range (A) | <b>20-250</b>    |
| Wire feeder                  | <b>Built-in</b>  |
| Diameter of wire spool (mm)  | <b>15kg</b>      |
| Diameter of wire (mm)        | <b>0.8-1.0</b>   |
| Pulse frequency (Hz)         | <b>1-10</b>      |

# MIG 250 T

SKU: WM.CN.02.0250.061

## FEATURES

- IGBT
- Wire Feeder Didalam Mesin
- Display Digital
- Trolley Praktis
- Multi Fungsi: ARC/MMA Atau MIG/GMAW
- Bisa Menggunakan MIG Spool Gun
- Fungsi Push Pull MIG Welding
- Over Current Protection



## COMPLEMENTARY

- MT-35E BZ (Euro Connection) (5 Meter)
- MB-24E Binzel (Euro Connection) (5 Meter)
- Regulator Co2 Daesung
- 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): **880 x 296 x 616**  
N.W. : **46** G.W. : **46**

**1 PH**

## ACCESSORIES

- |                    |                  |
|--------------------|------------------|
| 1. Mig Torch 2M    | 3. Regulator CO2 |
| 2. Ground Clamp 1M | 4. Rantai 40CM   |

## SPECIFICATIONS

|                               |              |
|-------------------------------|--------------|
| Input power voltage (V)       | <b>220</b>   |
| Frequency (Hz)                | <b>50/60</b> |
| Rated input capacitance (kVA) | <b>9.37</b>  |
| Rated input current (A)       | <b>42.58</b> |
| Duty cycle 60% (A)            | <b>250</b>   |
| Duty cycle 100% (A)           | <b>199</b>   |
| No-load voltage (V)           | <b>52</b>    |
| Efficiency (%)                | <b>85</b>    |
| Power factor ( $\cos\phi$ )   | <b>0.73</b>  |
| Insulation class              | <b>F</b>     |
| Protection class              | <b>IP21S</b> |

|                              |                  |
|------------------------------|------------------|
| Wattage                      | <b>1100-6600</b> |
| Welding thickness (mm)       | <b>0.8 - 9.5</b> |
| MMA Output Current Range (A) | <b>20-250</b>    |
| MMA Rated output voltage (V) | <b>30.18</b>     |
| Electrode (mm)               | <b>2.0-4.0</b>   |
| MIG output current range (A) | <b>20-250</b>    |
| MIG rated output voltage (V) | <b>26.66</b>     |
| Wire feeder                  | <b>Built-in</b>  |
| Wire feed speed (m/min)      | <b>1-10</b>      |
| Diameter of wire spool (mm)  | <b>15kg</b>      |
| Diameter of wire (mm)        | <b>0.8-1.0</b>   |

# MIG 250 T

SKU: WM.CN.02.0250.063

## FEATURES

- IGBT
- Wire Feeder Didalam Mesin
- Display Digital
- Trolley Praktis
- Multi Fungsi: ARC/MMA Atau MIG/GMAW
- Bisa Menggunakan MIG Spool Gun
- Fungsi Push Pull MIG Welding
- Over Current Protection



## COMPLEMENTARY

- MT-35E BZ (Euro Connection) (5 Meter)
- MB-24E Binzel (Euro Connection) (5 Meter)
- Regulator Co2 Daesung
- 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): **880 x 296 x 616**  
N.W. : **G.W. : 48**

**3 PH**

## ACCESSORIES

- |                    |                  |
|--------------------|------------------|
| 1. Mig Torch 2M    | 3. Regulator CO2 |
| 2. Ground Clamp 1M | 4. Rantai 40CM   |

## SPECIFICATIONS

|                               |              |
|-------------------------------|--------------|
| Input power voltage (V)       | <b>380</b>   |
| Frequency (Hz)                | <b>50/60</b> |
| Rated input capacitance (kVA) | <b>9.37</b>  |
| Rated input current (A)       | <b>24.65</b> |
| Duty cycle 60% (A)            | <b>250</b>   |
| Duty cycle 100% (A)           | <b>199</b>   |
| No-load voltage (V)           | <b>52</b>    |
| Efficiency (%)                | <b>85</b>    |
| Power factor ( $\cos\phi$ )   | <b>0.73</b>  |
| Insulation class              | <b>F</b>     |
| Protection class              | <b>IP21S</b> |

|                              |                  |
|------------------------------|------------------|
| Wattage                      | <b>1100-6600</b> |
| Welding thickness (mm)       | <b>0.8 - 9.5</b> |
| MMA Output Current Range (A) | <b>20-250</b>    |
| MMA Rated output voltage (V) | <b>30.18</b>     |
| Electrode (mm)               | <b>2.0-4.0</b>   |
| MIG output current range (A) | <b>20-250</b>    |
| MIG rated output voltage (V) | <b>26.66</b>     |
| Wire feeder                  | <b>Built-in</b>  |
| Wire feed speed (m/min)      | <b>1-10</b>      |
| Diameter of wire spool (mm)  | <b>15kg</b>      |
| Diameter of wire (mm)        | <b>0.8-1.0</b>   |

# MIG 350 PW

SKU: WM.CN.02.0350.113

## FEATURES

- IGBT
- Display Digital Di Wire Feeder (Terpisah) Dan Mesin
- Control Mode Pulse & Double Pulse Di Mesin
- Water Cooler Unit Yang Menjadi Satu Dengan Unit Mesin
- Mode Las : Aluminium, Copper, Stainless Steel, Carbon Steel
- Bisa Buat Preset Custom Setting (6 Parameter)
- Mode: 2T & 4T, Single & Double Pulse
- Fungsi inductance & Synergic Control

## COMPLEMENTARY

- MT-35E BZ (Euro Connection) (5 Meter)
- MB-36E Binzel (Euro Connection) (4 Meter)
- Regulator Co2 Daesung
- 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

## SPECIFICATIONS

|                               |       |
|-------------------------------|-------|
| Input power voltage (V)       | 380   |
| Frequency (Hz)                | 50/60 |
| Rated input capacitance (kVA) | 15.80 |
| Rated input current (A)       | 24.00 |
| Duty cycle 60% (A)            | 350   |
| Duty cycle 100% (A)           | 278   |
| No-load voltage (V)           | 65    |
| Efficiency (%)                | 85    |
| Power factor ( $\cos\phi$ )   | 0.93  |
| Insulation class              | F     |



Dimension (mm): **980 x 470 x 870**  
N.W. : **G.W. : 48**

**3 PH**

## ACCESSORIES

- |                        |                  |
|------------------------|------------------|
| 1. Mig Torch MB-500 3M | 3. Regulator CO2 |
| 2. Ground Clamp 1M     | 4. Gas Hose 3M   |

|                              |  |
|------------------------------|--|
| Protection class             | <b>IP21</b>                            |
| Wattage                      | <b>1100-11000</b>                      |
| Electrode (mm)               | <b>2.0-4.0</b>                         |
| MIG output current range (A) | <b>50-350</b>                          |
| MIG rated output voltage (V) | <b>39.24</b>                           |
| Wire feeder                  | <b>Separate, Binzel Type</b>           |
| Diameter of wire spool (mm)  | <b>15kg</b>                            |
| Diameter of wire (mm)        | <b>0.8-1.2</b>                         |
| Modes                        | <b>AlSi, AlNi, Cu, SS, CS, Special</b> |

# MIG 350 ST

SKU: WM.CN.02.0350.073

## FEATURES

- IGBT Module
- Wire Feeder Terpisah Tipe Panasonic Dengan Control
- Multi Fungsi: ARC/MMA atau MIG/GMAW
- Arc Force & Crater Current & Voltage Yang Bisa Di Adjust
- Fungsi Inductance/Arc Trait & Synergic Control
- Spot Welding
- Display Digital
- Mode 2T & 4T

## COMPLEMENTARY

- MT-35E BZ (Euro Connection) (5 Meter)
- MB-36E Binzel (Euro Connection) (4 Meter)
- Regulator Co2 Daesung
- Regulator Co2 Heater 220V Daesung
- Electrode Holder Kurf Haufe Germany 600A
- Ground Clamp 500A American Type
- Feed Roller Jasic/CNR (0.8 - 1.0mm)
- Auto Darkening Solarmatic Welding Helmet WH - 3000

## SPECIFICATIONS

|                               |       |                              |                          |
|-------------------------------|-------|------------------------------|--------------------------|
| Input power voltage (V)       | 380   | Protection class             | IP21S/IP2X               |
| Frequency (Hz)                | 50/60 | Wattage                      | 1100-11000               |
| Rated input capacitance (kVA) | 15.59 | MMA Output Current Range (A) | 20-350                   |
| Rated input current (A)       | 41.03 | MMA Rated output voltage (V) | 34.21                    |
| Duty cycle 60% (A)            | 350   | Electrode (mm)               | 2.0-4.0                  |
| Duty cycle 100% (A)           | 278   | MIG output current range (A) | 20-350                   |
| No-load voltage (V)           | 69    | MIG rated output voltage (V) | 31.69                    |
| Efficiency (%)                | 85    | Wire feeder                  | Separate. Panasonic Type |
| Arc force current range (A)   | 0-100 | Wire feed speed (m/min)      | 1.5-13 m/min             |
| Power factor ( $\cos\phi$ )   | 0.73  | Diameter of wire spool (mm)  | 15kg                     |
| Insulation class              | F     | Diameter of wire (mm)        | 0.8-1.2                  |



Dimension (mm): **655 x 370 x 545**  
N.W. : **32.2** G.W. : **33.65**

**3 PH**

## ACCESSORIES

- |                              |                        |
|------------------------------|------------------------|
| 1. Mig Torch Pana QTB-35K 2M | 3. Regulator CO2       |
| 2. Ground Clamp 3M           | 4. Electrode Holder 3M |

# MIG 500 PW

SKU: WM.CN.02.0500.113

## FEATURES

- IGBT
- Mode 2T & 4T
- Fungsi Inductance & Synergy Control
- Single & Double Pulse, Control Di Mesin
- Bisa Buat Preset Custom Setting (6 Parameter)
- Display Digital Di Wire Feeder (Terpisah) Dan Mesin
- Water Cooler Unit Yang Menjadi Satu Dengan Unit Mesin
- Mode Las : Aluminium, Copper, Stainless Steel, Carbon steel

## COMPLEMENTARY

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

## SPECIFICATIONS

|                               |       |                              |                                 |
|-------------------------------|-------|------------------------------|---------------------------------|
| Input power voltage (V)       | 380   | Protection class             | IP21                            |
| Frequency (Hz)                | 50/60 | Wattage                      | 5500-19500                      |
| Rated input capacitance (kVA) | 24.40 | Electrode (mm)               | 2.0-4.0                         |
| Rated input current (A)       | 37.00 | MIG output current range (A) | 50-500                          |
| Duty cycle 60% (A)            | 500   | MIG rated output voltage (V) | 39.24                           |
| Duty cycle 100% (A)           | 398   | Wire feeder                  | Separate, Binzel Type           |
| No-load voltage (V)           | 65    | Diameter of wire spool (mm)  | 15kg                            |
| Efficiency (%)                | 85    | Diameter of wire (mm)        | 0.8-1.6                         |
| Power factor ( $\cos\phi$ )   | 0.93  | Modes                        | AlSi, AlNi, Cu, SS, CS, Special |
| Insulation class              | F     |                              |                                 |
|                               |       |                              |                                 |
|                               |       |                              |                                 |
|                               |       |                              |                                 |
|                               |       |                              |                                 |



Dimension (mm): **980 x 470 x 870**  
N.W. : **G.W. : 71.5**

**3 PH**

## ACCESSORIES

- |                        |                  |
|------------------------|------------------|
| 1. Mig Torch MB-500 3M | 3. Regulator CO2 |
| 2. Ground Clamp 1M     | 4. Gas Hose 3M   |

# MIG 500 ST

SKU: WM.CN.02.0500.073

## FEATURES

- IGBT Module
- Wire Feeder terpisah tipe panasonic dengan control
- Multi Fungsi: ARC/MMA atau MIG/GMAW
- Arc Force, Crater Current, Voltage Bisa Diatur
- Fungsi inductance/Arc Trait & Synergic control
- Spot Welding
- Display Digital
- Mode 2T & 4T

## COMPLEMENTARY

- MT-50E BZ (Euro Connection) (5 Meter)
- MB-500 Binzel (Euro Connection) 4 Meter (Watercooled)
- Regulator Co2 Daesung
- Regulator Co2 Heater 220V Daesung
- Electrode Holder CNR Germany 800A
- Ground Clamp 500A American Type
- Feed Roller Jasic/CNR (0.8 - 1.0mm)
- Auto Darkening Solarmatic Welding Helmet WH - 3000

## SPECIFICATIONS

|                               |            |
|-------------------------------|------------|
| Input power voltage (V)       | 380        |
| Frequency (Hz)                | 50/60      |
| Rated input capacitance (kVA) | 27.57      |
| Rated input current (A)       | 72.56      |
| Duty cycle 60% (A)            | 500        |
| Duty cycle 100% (A)           | 398        |
| No-load voltage (V)           | 71         |
| Efficiency (%)                | 85         |
| Arc force current range (A)   | 0-100      |
| Power factor ( $\cos\phi$ )   | 0.93       |
| Insulation class              | F          |
| Protection class              | IP21S/IP2X |
| Wattage                       | 5500-19500 |
| MMA Output Current Range (A)  | 20-500     |
| MMA Rated output voltage (V)  | 40.24      |



Dimension (mm): **655 x 370 x 545**  
N.W : **33.65** G.W : **33.65**

**3 PH**

## ACCESSORIES

- |                              |                        |
|------------------------------|------------------------|
| 1. Mig Torch Pana QTB-500 2M | 3. Regulator CO2       |
| 2. Ground Clamp 3M           | 4. Electrode Holder 3M |

|                              |                                 |
|------------------------------|---------------------------------|
| Electrode (mm)               | <b>2.0-4.0</b>                  |
| MIG output current range (A) | <b>20-500</b>                   |
| MIG rated output voltage (V) | <b>39.24</b>                    |
| Wire feeder                  | <b>Separate. Panasonic Type</b> |
| Wire feed speed (m/min)      | <b>1.5-13 M/min</b>             |
| Diameter of wire spool (mm)  | <b>15kg</b>                     |
| Diameter of wire (mm)        | <b>0.8-1.6</b>                  |

# TIG 160 A

SKU: WM.CN.03.0160.011

## FEATURES

- VMOS
- Display Digital
- Desain Cover Mesin Anti Debu
- Multi Fungsi: ARC/MMA Atau TIG/GTAW
- Over Current Protection



## COMPLEMENTARY

- WP-26-20B Single Nipple Connection (Air Cooled)
- WP-26-12B Single Nipple Connection (Air Cooled)
- Ground Clamp 300A American Type
- Electrode Holder Kurf Haufe Germany 600A
- 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

Dimension (mm): **500 x 265 x 344**  
 N.W. : **6.9** G.W. : **10.2**

**1 PH**

## ACCESSORIES

- |                       |                        |
|-----------------------|------------------------|
| 1. Tig Torch WP-17-12 | 3. Gas Hose 3M         |
| 2. Ground Clamp 3M    | 4. Electrode Holder 3M |

## SPECIFICATIONS

Input power voltage (V) **220**Frequency (Hz) **50/60**Rated input capacitance (kVA) **3.71**Rated input current (A) **16.87**Duty cycle 60% (A) **160**Duty cycle 100% (A) **127**No-load loss (W) **40**No-load voltage (V) **53**Efficiency (%) **85**Power factor ( $\cos\phi$ ) **0.73**Insulation class **F**Protection class **IP21S**Wattage **600-2600**Remote Control **No**MMA Output Current Range (A) **10-160**MMA Rated output voltage (V) **26.56**Electrode (mm) **2.0-4.0**TIG Output Current Range (A) **10-160**TIG Rated Output Voltage (V) **16.50**TIG Arc starting (s) **HF**

# TIG 200 A

SKU: WM.CN.03.0200.011

## FEATURES

- VMOS
- Display Digital
- Desain Cover Mesin Anti Debu
- Multi Fungsi: ARC/MMA Atau TIG/GTAW
- Over Current Protection



## COMPLEMENTARY

- WP-26-20B Single Nipple Connection (Air Cooled)
- WP-26-12B Single Nipple Connection (Air Cooled)
- Ground Clamp 300A American Type
- Electrode Holder Kurf Haufe Germany 600A
- 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

Dimension (mm): **500 x 265 x 344**  
 N.W : **7.1** G.W : **10.9**

**1 PH**

## ACCESSORIES

- |                       |                        |
|-----------------------|------------------------|
| 1. Tig Torch WP-17-12 | 3. Gas Hose 3M         |
| 2. Ground Clamp 3M    | 4. Electrode Holder 3M |

## SPECIFICATIONS

|                               |          |                              |         |
|-------------------------------|----------|------------------------------|---------|
| Input power voltage (V)       | 220      | MMA Rated output voltage (V) | 28.17   |
| Frequency (Hz)                | 50/60    | Electrode (mm)               | 2.0-4.0 |
| Rated input capacitance (kVA) | 5.09     | TIG Output Current Range (A) | 10-200  |
| Rated input current (A)       | 23.14    | TIG Rated Output Voltage (V) | 18.11   |
| Duty cycle 60% (A)            | 200      | TIG Arc starting (s)         | HF      |
| Duty cycle 100% (A)           | 159      |                              |         |
| No-load loss (W)              | 40       |                              |         |
| No-load voltage (V)           | 56       |                              |         |
| Efficiency (%)                | 85       |                              |         |
| Power factor ( $\cos\phi$ )   | 0.73     |                              |         |
| Insulation class              | F        |                              |         |
| Protection class              | IP21S    |                              |         |
| Wattage                       | 800-3600 |                              |         |
| Remote Control                | No       |                              |         |
| MMA Output Current Range (A)  | 10-200   |                              |         |

**TIG 200 P AC/DC**

SKU: WM.CN.03.0200.061

**FEATURES**

- VMOS
- Display Digital
- Mode 2T & 4T
- Bisa Pakai Remote
- Over Current Protection
- Multi Fungsi: ARC/MMA Atau TIG/GTAW
- Mode Pulse On & Pulse Off Dengan Pengaturan Lengkap
- Mode AC & DC, Dengan Fitur AC Balance

**COMPLEMENTARY**

- WP-26-12B Single Nipple Connection (Air Cooled)
- WP-18-12B Nipple Connection (Drat Dalam)
- WP-18-20B Nipple Connection (Drat Dalam)
- Watercool Adaptor (For WP-18)
- Ground Clamp 300A American Type
- Electrode Holder CNR KB-200 Type 200A
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

**SPECIFICATIONS**

|                               |           |
|-------------------------------|-----------|
| Input power voltage (V)       | 220       |
| Frequency (Hz)                | 50/60     |
| Rated input capacitance (kVA) | 6.12      |
| Rated input current (A)       | 23.14     |
| Duty cycle 60% (A)            | 200       |
| Duty cycle 100% (A)           | 159       |
| No-load loss (W)              | 60        |
| No-load voltage (V)           | 45        |
| Efficiency (%)                | 85        |
| Power factor ( $\cos\phi$ )   | 0.73      |
| Insulation class              | F         |
| Protection class              | IP21S     |
| Wattage                       | 1100-5000 |
| Remote Control                | Yes       |
| Post-flow time (s)            | 1-10      |



Dimension (mm): **610 x 430 x 425**  
N.W : **20.5** G.W : **22.9**

**1 PH****ACCESSORIES**

- |                    |                        |
|--------------------|------------------------|
| 1. Tig Torch WP-26 | 3. Electrode Holder 3M |
| 2. Ground Clamp 3M |                        |

|  |                |
|--|----------------|
| MMA Output Current Range (A)           | <b>5-200</b>   |
| MMA Rated output voltage (V)           | <b>28.17</b>   |
| TIG Output Current Range (A)           | <b>5-200</b>   |
| TIG Rated Output Voltage (V)           | <b>18.11</b>   |
| TIG Arc starting (s)                   | <b>HF</b>      |
| Pulse frequency (Hz)                   | <b>0.5-5</b>   |
| Peak time / Pulse Width (%)            | <b>10-90</b>   |
| Base Amp (%)                           | <b>5-200</b>   |
| Down-slope current adjustment time (s) | <b>0-5</b>     |
| Clean width (%)                        | <b>20-80</b>   |
| AC Balance                             | <b>-5 ~ +5</b> |



# TIG 250 A

SKU: WM.CN.03.0250.011

## FEATURES

- IGBT
- Display Digital
- Multi Fungsi: ARC/MMA Atau TIG/GTAW
- Mode 2T & 4T
- Control Down Slope
- Over Current Protection



## COMPLEMENTARY

- WP-26-12B Single Nipple Connection (Air Cooled)
- WP-18-20B Nipple Connection (Drat Dalam)
- Watercool Adaptor (For WP-18)
- Ground Clamp 300A American Type
- Electrode Holder Kurf Haufe Germany 600A
- Electrode Holder CNR Germany 600A
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

Dimension (mm):  
N.W. : G.W. :

1 PH

## ACCESSORIES

- |                    |                        |
|--------------------|------------------------|
| 1. Tig Torch WP-26 | 3. Gas Hose 2M         |
| 2. Ground Clamp 3M | 4. Electrode Holder 3M |

## SPECIFICATIONS

|                               |           |
|-------------------------------|-----------|
| Input power voltage (V)       | 380       |
| Frequency (Hz)                | 50/60     |
| Rated input capacitance (kVA) | 7.07      |
| Rated input current (A)       | 14.60     |
| Duty cycle 60% (A)            | 250       |
| Duty cycle 100% (A)           | 199       |
| No-load loss (W)              | 60        |
| No-load voltage (V)           | 56        |
| Efficiency (%)                | 85        |
| Power factor ( $\cos\phi$ )   | 0.93      |
| Insulation class              | F         |
| Protection class              | IP21S     |
| Wattage                       | 1100-5000 |
| Remote Control                | No        |
| MMA Output Current Range (A)  | 10-250    |

MMA Rated output voltage (V) 30.18

Electrode (mm) 2.0-4.0

TIG Output Current Range (A) 10-250

TIG Rated Output Voltage (V) 20.12

TIG Arc starting (s) HF

Down-slope current adjustment time (s) 0-5

# TIG 315 P AC/DC

SKU: WM.CN.03.0315.063

## FEATURES

- VMOS
- Display Digital
- Multi Fungsi: ARC/MMA Atau TIG/GTAW
- Mode 2T & 4T
- Mode AC & DC, Dengan Fitur AC Balance / Clean Width
- Mode Pulse On & Pulse Off Dengan Pengaturan Yang Mudah
- Dilengkapi Dengan Roda
- Bisa Pakai Remote

## COMPLEMENTARY

- WP-18-12 Micro Switch, Nipple Connection (Water Cooled)
- Power Cable Adapter 45V11 (For WP 18, 12 & 20)
- Electrode Holder CNR Germany 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

## SPECIFICATIONS

|                               |           |
|-------------------------------|-----------|
| Input power voltage (V)       | 380       |
| Frequency (Hz)                | 50/60     |
| Rated input capacitance (kVA) | 10.07     |
| Rated input current (A)       | 20.79     |
| Duty cycle 60% (A)            | 315       |
| Duty cycle 100% (A)           | 250       |
| No-load loss (W)              | 100       |
| No-load voltage (V)           | 71        |
| Efficiency (%)                | 85        |
| Power factor ( $\cos\theta$ ) | 0.93      |
| Insulation class              | F         |
| Protection class              | IP21S     |
| Wattage                       | 2225-7000 |
| Remote Control                | Yes       |
| Post-flow time (s)            | 1-10      |



Dimension (mm): 720 x 450 x 650  
N.W. : G.W. :

3 PH

## ACCESSORIES

- |                       |                        |
|-----------------------|------------------------|
| 1. Tig Torch WP-18-12 | 3. Gas Hose 1M         |
| 2. Ground Clamp 2.5M  | 4. Electrode Holder 3M |

MMA Output Current Range (A) 5-315

MMA Rated output voltage (V) 32.80

TIG Output Current Range (A) 5-315

TIG Rated Output Voltage (V) 22.74

TIG Arc starting (s) HF

Pulse frequency (Hz) 0.5-10

Peak time / Pulse Width (%) 10-90

Base Amp (%) 5-315

Down-slope current adjustment time (s) 1-10

Clean width (%) 0.5-10Hz

**TIG 315 PW AC/DC**

SKU: WM.CN.03.0315.073

**FEATURES**

- VMOS
- Display Digital
- Bisa Pakai Remote
- Mode 2T & 4T
- Mode Pulse On & Pulse Off
- Multi Fungsi: ARC/MMA Atau TIG/GTAW
- Dilengkapi Dengan Trolley Dan Water Cooler
- Mode AC & DC, Dengan Fitur AC Balance / Clean Width

**COMPLEMENTARY**

- WP-18-20 Micro Switch, Nipple Connection (Water Cooled)
- Power Cable Adapter 45V11 (For WP 18, 12 & 20)
- Electrode Holder CNR Germany 800A
- Electrode Holder Kurf Haufe Germany 800A
- Ground Clamp 500A American Type
- Auto Darkening Solarmatic Glasses Daesung
- Auto Darkening Solarmatic Welding Helmet WH - 3000

**SPECIFICATIONS**

|                               |           |
|-------------------------------|-----------|
| Input power voltage (V)       | 380       |
| Frequency (Hz)                | 50/60     |
| Rated input capacitance (kVA) | 10.07     |
| Rated input current (A)       | 20.79     |
| Duty cycle 60% (A)            | 315       |
| Duty cycle 100% (A)           | 250       |
| No-load loss (W)              | 100       |
| No-load voltage (V)           | 71        |
| Efficiency (%)                | 85        |
| Power factor ( $\cos\phi$ )   | 0.93      |
| Insulation class              | F         |
| Protection class              | IP21S     |
| Wattage                       | 2225-7000 |
| Remote Control                | Yes       |
| Post-flow time (s)            | 1-10      |



Dimension (mm): **980 x 500 x 840**  
N.W : **92.15** G.W. :

**3 PH****ACCESSORIES**

- |                       |                  |
|-----------------------|------------------|
| 1. Tig Torch WP-18 4M | 3. Gas Hose 2.5M |
| 2. Ground Clamp 3M    | 4. Rantai 1M     |

MMA Output Current Range (A) **5-315**

MMA Rated output voltage (V) **32.80**

TIG Output Current Range (A) **5-315**

TIG Rated Output Voltage (V) **22.74**

TIG Arc starting (s) **HF**

Pulse frequency (Hz) **0.5-10**

Peak time / Pulse Width (%) **10-90**

Base Amp (%) **5-315**

Down-slope current adjustment time (s) **1-10**

Clean width (%) **0.5-10Hz**

# CUT 45 H

SKU: WM.CN.04.0045.021

## FEATURES

- IGBT
- Ukuran Kecil & Portable
- Display Digital
- Regulator & Flow Meter Di Dalam Mesin
- Over Current Protection
- Pilot ARC



## COMPLEMENTARY

- P 80 Torch Set (5 Meter)
- P 80 Torch Set (10 Meter)
- P 80 Torch Set Lurus (5 Meter)
- P 60 (AG-60) Torch Set (5 Meter)
- Ground Clamp 300A American Type
- Air Plasma Regulator

Dimension (mm): **520 x 275 x 365**  
 N.W : **7** G.W : **11.25**

**1 PH**

## ACCESSORIES

- 1. Plasma Torch P-60 4M
- 2. Ground Clamp 3M
- 3. Air Regulator

## SPECIFICATIONS

|                               |              |  |                  |
|-------------------------------|--------------|--|------------------|
| Input power voltage (V)       | <b>220</b>   | Protection class                                     | <b>IP21S</b>     |
| Frequency (Hz)                | <b>50/60</b> | Wattage  | <b>1300-3800</b> |
| Rated input capacitance (kVA) | <b>5.43</b>  | CUT Output Current Range                             | <b>20-45</b>     |
| Rated input current (A)       | <b>24.68</b> | CUT Rated Output Voltage (V)                         | <b>97</b>        |
| Duty cycle 60% (A)            | <b>45</b>    | Compressed air (for steel)                           | <b>4-5</b>       |
| Duty cycle 100% (A)           | <b>32</b>    | Cutting thickness for steel (mm / quality)           | <b>12/5</b>      |
| No-load voltage (V)           | <b>272</b>   | Compressed air (for stainless steel)                 | <b>4-5</b>       |
| Efficiency (%)                | <b>85</b>    | Cutting thickness for stainless steel (mm / quality) | <b>8/4</b>       |
| Power factor ( $\cos\phi$ )   | <b>0.73</b>  | CUT Arc starting (s)                                 | <b>Pilot</b>     |
| Insulation class              | <b>F</b>     |  |                  |
|                               |              |  |                  |
|                               |              |  |                  |
|                               |              |  |                  |
|                               |              |  |                  |

# CUT 60 WV

SKU: WM.CN.04.0060.110

## FEATURES

- IGBT
- Display Digital
- Wide voltage
- Dapat dipakai menggunakan genset
- Fungsi 2T/4T
- Over Current Protection



## 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):  
N.W. : G.W. : 11.2

2 PH

## ACCESSORIES

- |                     |                  |
|---------------------|------------------|
| 1. Plasma Torch P80 | 3. Air Regulator |
| 2. Ground Clamp 3M  | 4. Gas Hose 3M   |

## SPECIFICATIONS

|                               |           |  |           |
|-------------------------------|-----------|--|-----------|
| Input power voltage (V)       | 130 ~ 560 | Protection class                                     | IP21S     |
| Frequency (Hz)                | 50/60     | Wattage  | 1300-6200 |
| Rated input capacitance (kVA) | 7.40      | CUT Output Current Range                             | 20-60     |
| Rated input current (A)       | 20-60A    | CUT Rated Output Voltage (V)                         | 107       |
| Duty cycle 60% (A)            | 60        | Compressed air (for steel)                           | 4-5       |
| Duty cycle 100% (A)           | 48        | Cutting thickness for steel (mm / quality)           | 20/10     |
| No-load voltage (V)           | 276       | Compressed air (for stainless steel)                 | 4-5       |
| Efficiency (%)                | 85        | Cutting thickness for stainless steel (mm / quality) | 15/10     |
| Power factor ( $\cos\phi$ )   | 0.93      | CUT Arc starting (s)                                 | Pilot     |
| Insulation class              | F         |  |           |
|                               |           |  |           |
|                               |           |  |           |
|                               |           |  |           |
|                               |           |  |           |

# CUT 70

SKU: WM.CN.04.0070.013

## FEATURES

- VMOS
- 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):  
N.W. : G.W. :

3 PH

## ACCESSORIES

- |                     |                  |
|---------------------|------------------|
| 1. Plasma Torch P80 | 3. Air Regulator |
| 2. Ground Clamp 3M  | 4. Gas Hose 3M   |

## SPECIFICATIONS

|                             |       |  |           |
|-----------------------------|-------|--|-----------|
| Input power voltage (V)     | 380   | Protection class                                     | IP21S     |
| Frequency (Hz)              | 50/60 | Wattage  | 1300-6800 |
| Duty cycle 60% (A)          | 70    | CUT Output Current Range                             | 20-70     |
| Duty cycle 100% (A)         | 54    | Compressed air (for steel)                           | 4-6       |
| No-load voltage (V)         | 467   | Cutting thickness for steel (mm / quality)           | 30/15     |
| Efficiency (%)              | 85    | Compressed air (for stainless steel)                 | 4-6       |
| Power factor ( $\cos\phi$ ) | 0.93  | Cutting thickness for stainless steel (mm / quality) | 20/10     |
| Insulation class            | F     | CUT Arc starting (s)                                 | Pilot     |

# CUT 100 M

SKU: WM.CN.04.0100.033

## FEATURES

- IGBT Module
- Display Digital
- Over Current Protection
- Sangat Cocok 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): **660 x 360 x 610**  
N.W. : G.W. :

**3 PH**

## ACCESSORIES

- |                     |                  |
|---------------------|------------------|
| 1. Plasma Torch P80 | 3. Air Regulator |
| 2. Ground Clamp 3M  | 4. Gas Hose 3M   |

## SPECIFICATIONS

|                               |       |  |            |
|-------------------------------|-------|--|------------|
| Input power voltage (V)       | 380   | Protection class                                     | IP21S      |
| Frequency (Hz)                | 50/60 | Wattage  | 1300-12000 |
| Rated input capacitance (kVA) | 16.97 | CUT Output Current Range                             | 20-100     |
| Rated input current (A)       | 35.05 | CUT Rated Output Voltage (V)                         | 120        |
| Duty cycle 60% (A)            | 100   | Compressed air (for steel)                           | 4-6        |
| Duty cycle 100% (A)           | 80    | 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) | 20/12      |
| Power factor ( $\cos\phi$ )   | 0.93  | CUT Arc starting (s)                                 | Pilot      |
| Insulation class              | F     |  |            |
|                               |       |  |            |
|                               |       |  |            |
|                               |       |  |            |
|                               |       |  |            |