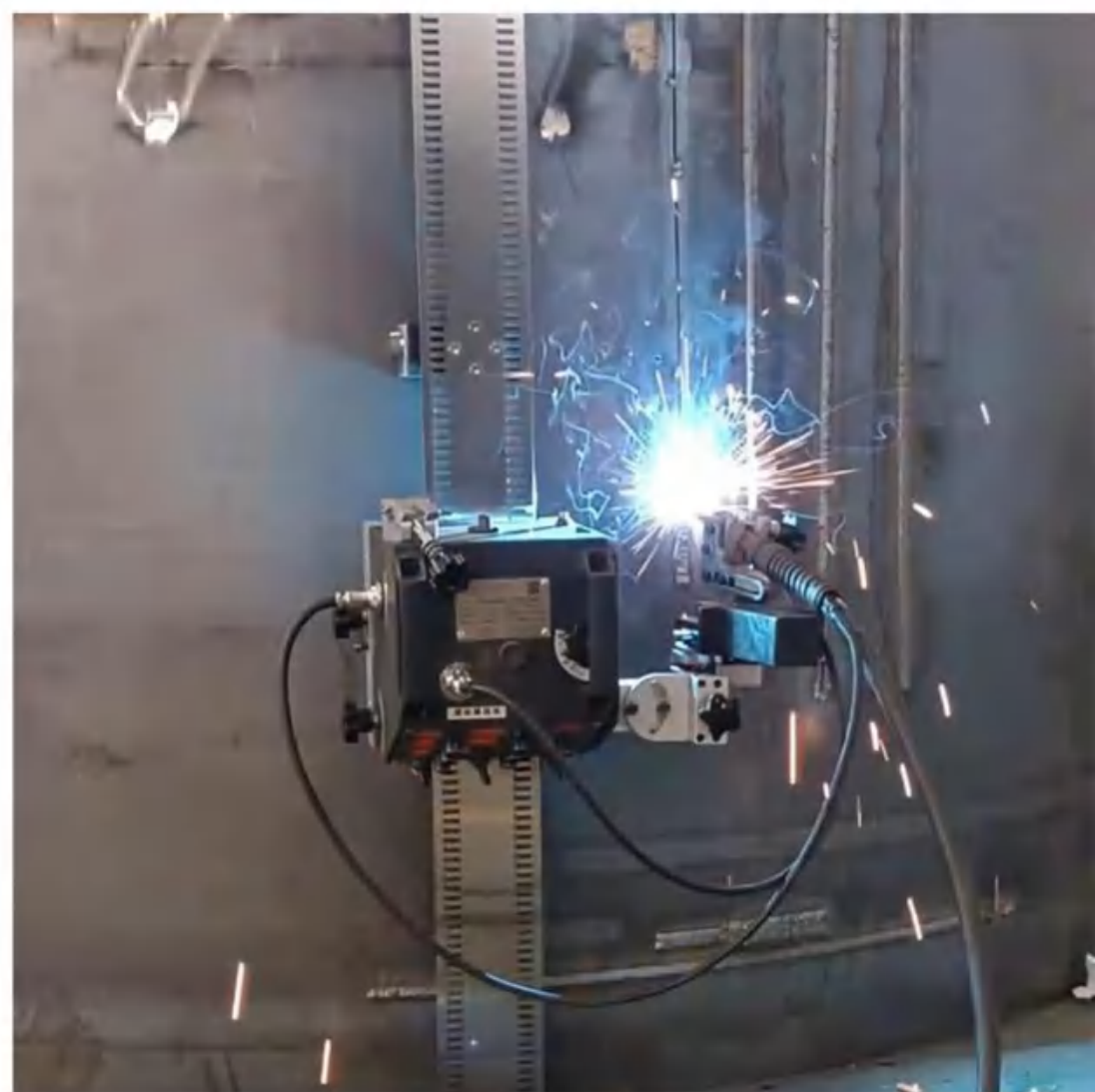
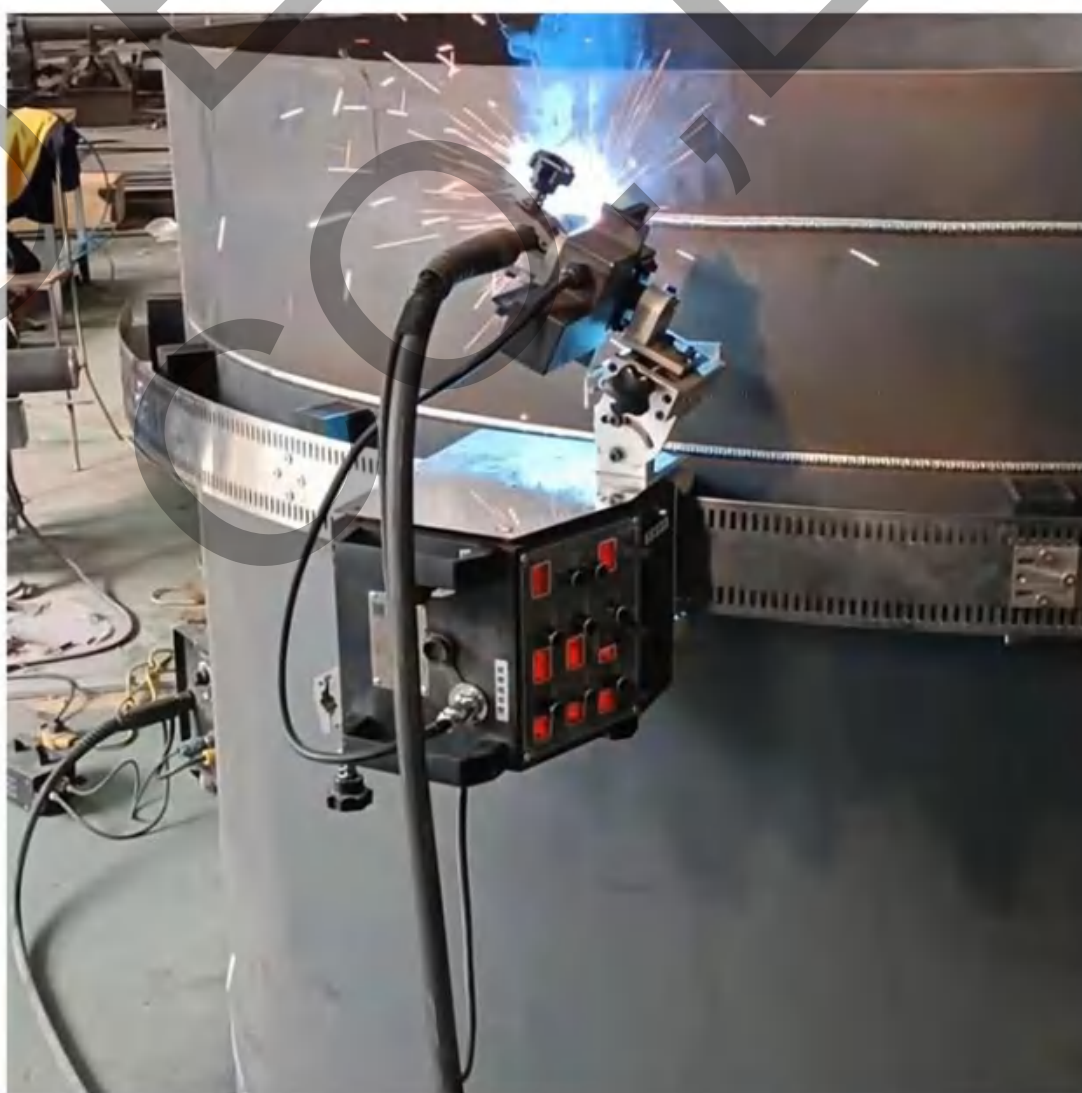
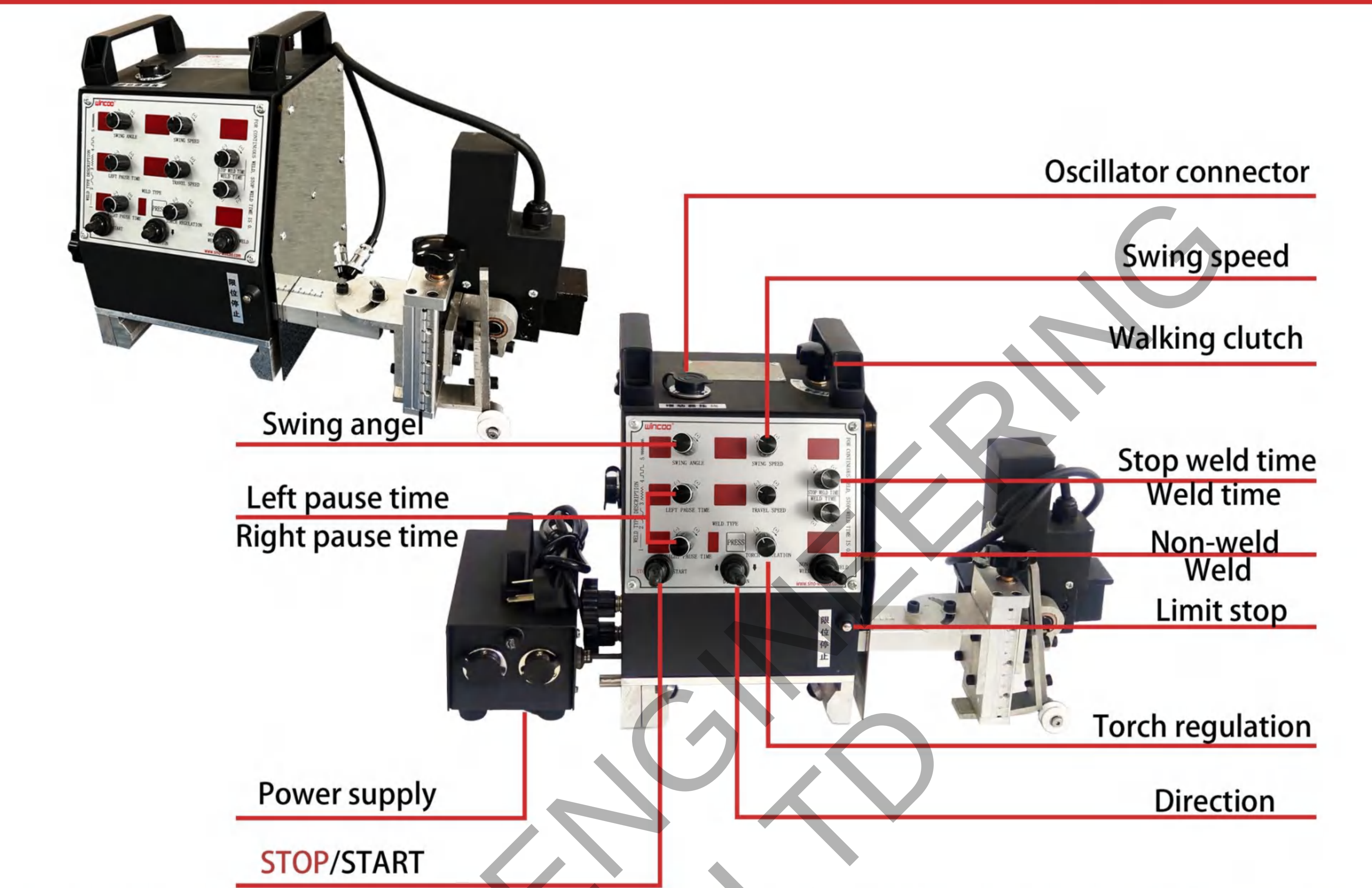


|         |                                                           |           |
|---------|-----------------------------------------------------------|-----------|
| ● ..... | <b>Multifunctional Seam Welding Machine</b>               | <b>1</b>  |
| ● ..... | <b>Orbital Pipe Welding Machine</b>                       | <b>2</b>  |
| ● ..... | <b>All Position Orbital Welding Machine</b>               | <b>3</b>  |
| ● ..... | <b>All Position Orbital Welding Machine</b>               | <b>4</b>  |
| ● ..... | <b>Automatic Fillet And Butt Welding Machine</b>          | <b>5</b>  |
| ● ..... | <b>Automatic Fillet Welding Machine</b>                   | <b>6</b>  |
| ● ..... | <b>Flame And Plasma Pipe Cutting Machine</b>              | <b>7</b>  |
| ● ..... | <b>Portable Pipe Beveling Machine</b>                     | <b>8</b>  |
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| ● ..... | <b>LGK-40Z Pump Integrated Air Plasma Cutting System</b>  | <b>11</b> |
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| ● ..... | <b>LGK-120D Pump Integrated Air Plasma Cutting System</b> | <b>14</b> |
| ● ..... | <b>LGK-160D Pump Integrated Air Plasma Cutting System</b> | <b>15</b> |



WHL-III

Multifunctional Seam Welding Machine

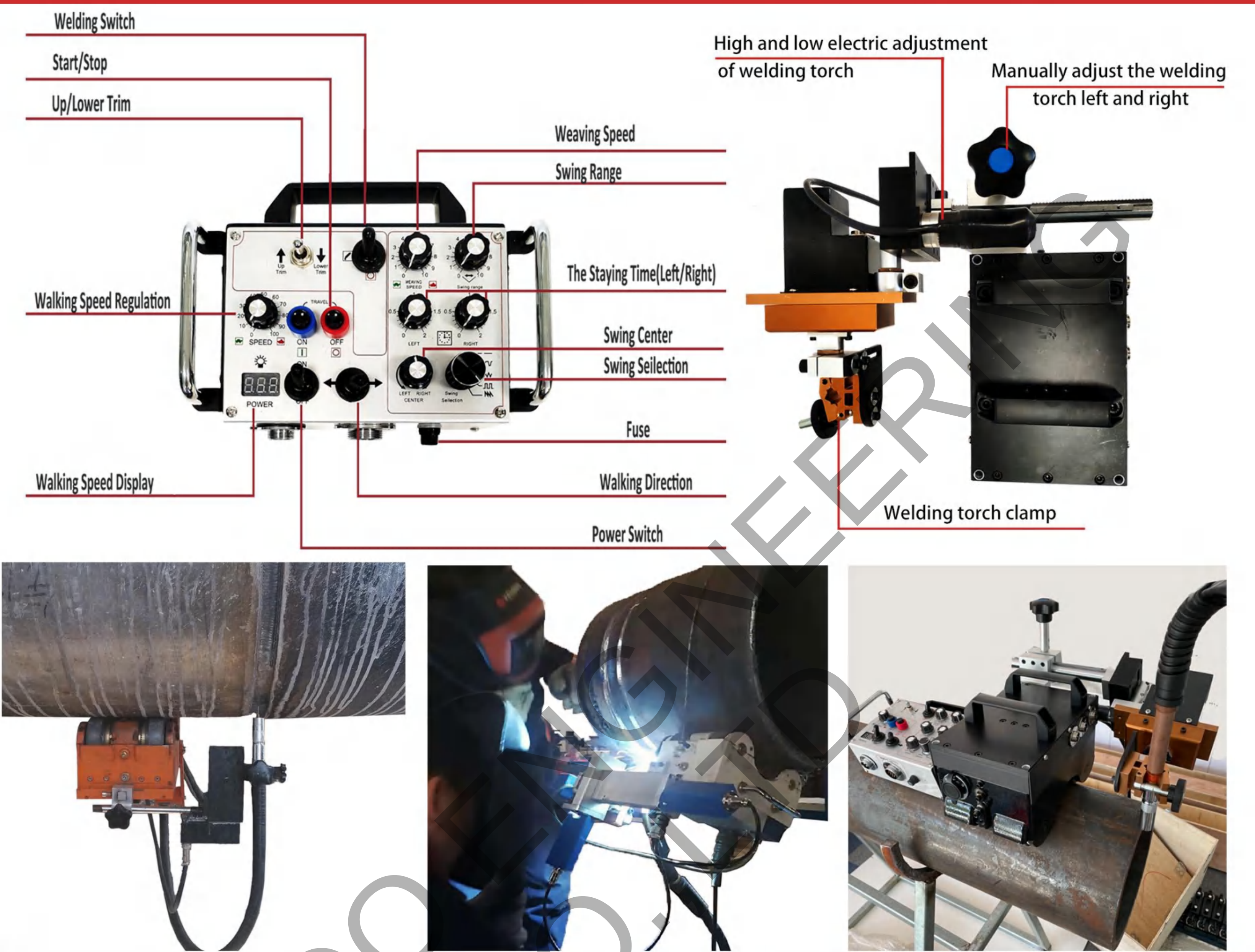


| Items                                   | Parameter           |                                    | Note                          | Items                        | Parameter             |  | Note                          |
|-----------------------------------------|---------------------|------------------------------------|-------------------------------|------------------------------|-----------------------|--|-------------------------------|
|                                         | Straight rail type  | Soft rail type                     |                               | Welding gun adjustment range | 65mm                  |  | Inching for up and down       |
| External power source                   | AC 220V 50/60 Hz    |                                    | Three-hole                    |                              | 80mm                  |  | Inching for left and right    |
| Working power source                    | AC 20V              |                                    | Use of each driver            |                              | + 60°                 |  | Swinging angle                |
| Dimensions                              | 245*520*280cm       | 245*520*290cm                      | Length*width*height           |                              | + 25°                 |  | Marching Angle                |
| Weight                                  | 8.6kg               | 10.4kg                             | Main engine                   |                              | Stop left, stop right |  | Swinging form                 |
| Track type                              | Linear motion guide | Self-aligning flexible slide rails |                               | Operating function           | 0-100mm/min           |  | Swinging speed                |
| Drive mode                              | Gear drive          | Sprocket drive                     |                               |                              | 0-2.5s                |  | Left and right residence time |
| Welding speed                           | 0~1650mm/min        |                                    | Fastest                       |                              | +14mm                 |  | Swinging width                |
| The thinnest adsorption plate thickness | 3mm                 |                                    | Magnetically attractive metal |                              | +5mm                  |  | Center for compensation       |



WQ-III

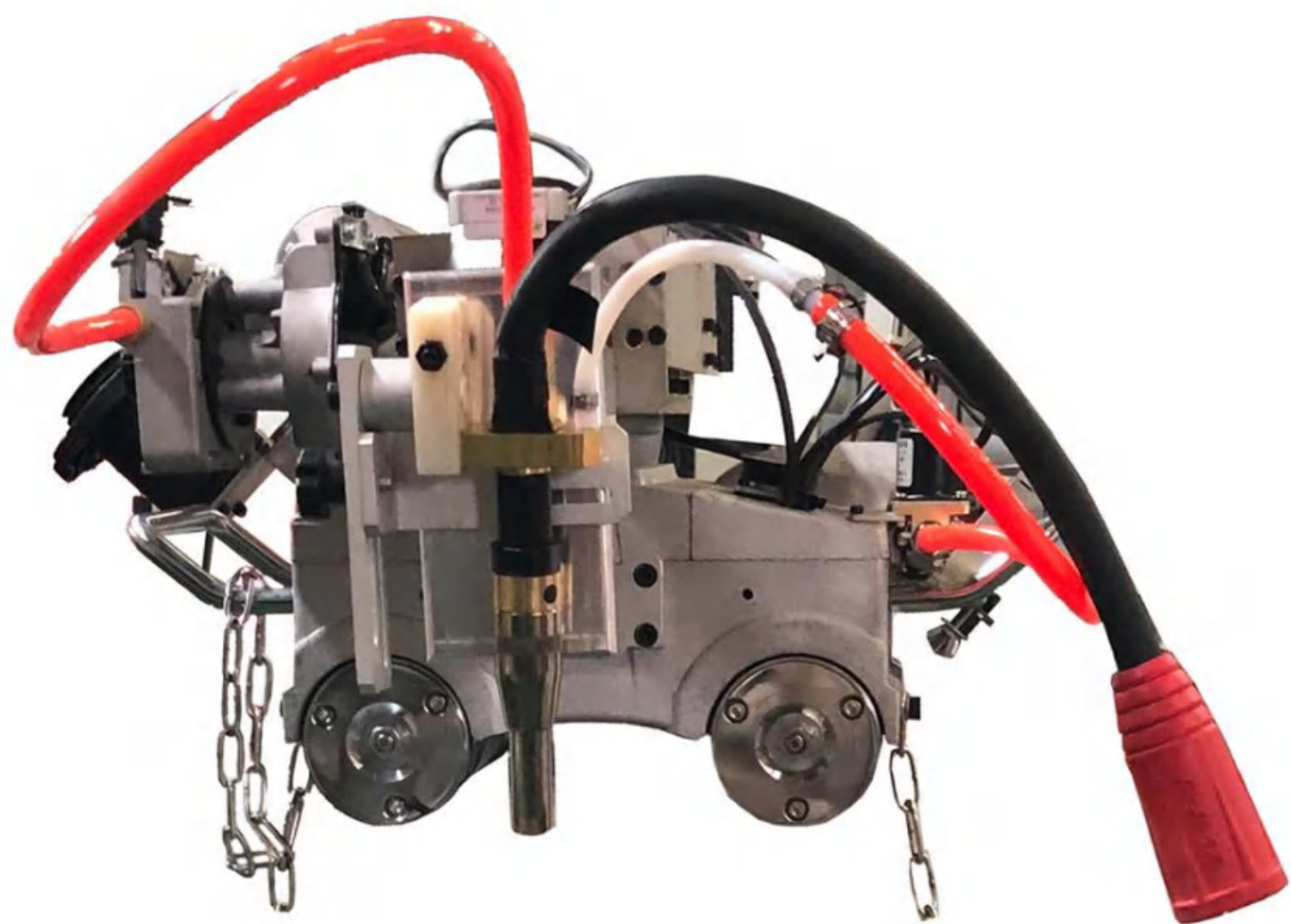
Orbital Pipe Welding Machine



| Items   |                    | Parameter                                | Note                             |
|---------|--------------------|------------------------------------------|----------------------------------|
| Car     | Power supply       | AC 220V                                  |                                  |
|         | Size               | 240×330×310                              | W×L×H                            |
|         | Weight             | 16Kg                                     | Including swinger                |
|         | Moving mode        | Four-wheel drive                         | Magnet-wheel                     |
|         | Walking speed      | 0~700mm/min                              |                                  |
|         | Swing motor        | DC24V 18RPM                              |                                  |
|         |                    | Before and after                         | 85mm                             |
|         |                    | Operating Angle adjustment range         | 360°                             |
| Control | Operating function | Carry out Angle adjustment range         | 0 °                              |
|         |                    | Swing mode                               |                                  |
|         |                    | Swing speed                              | 0 -10 R P M ( Show with scale )  |
|         |                    | Swing scope                              | 0 ±10° ( Show with scale )       |
|         |                    | Left and right residence time adjustment | 0 - 2 s ( Show with scale )      |
|         |                    | Central range of movement                | 0 ± 8 °                          |
|         |                    | Walking speed regulation                 | 0~1000mm/min ( Show with scale ) |



# All Position Orbital Welding Machine



Main Machine



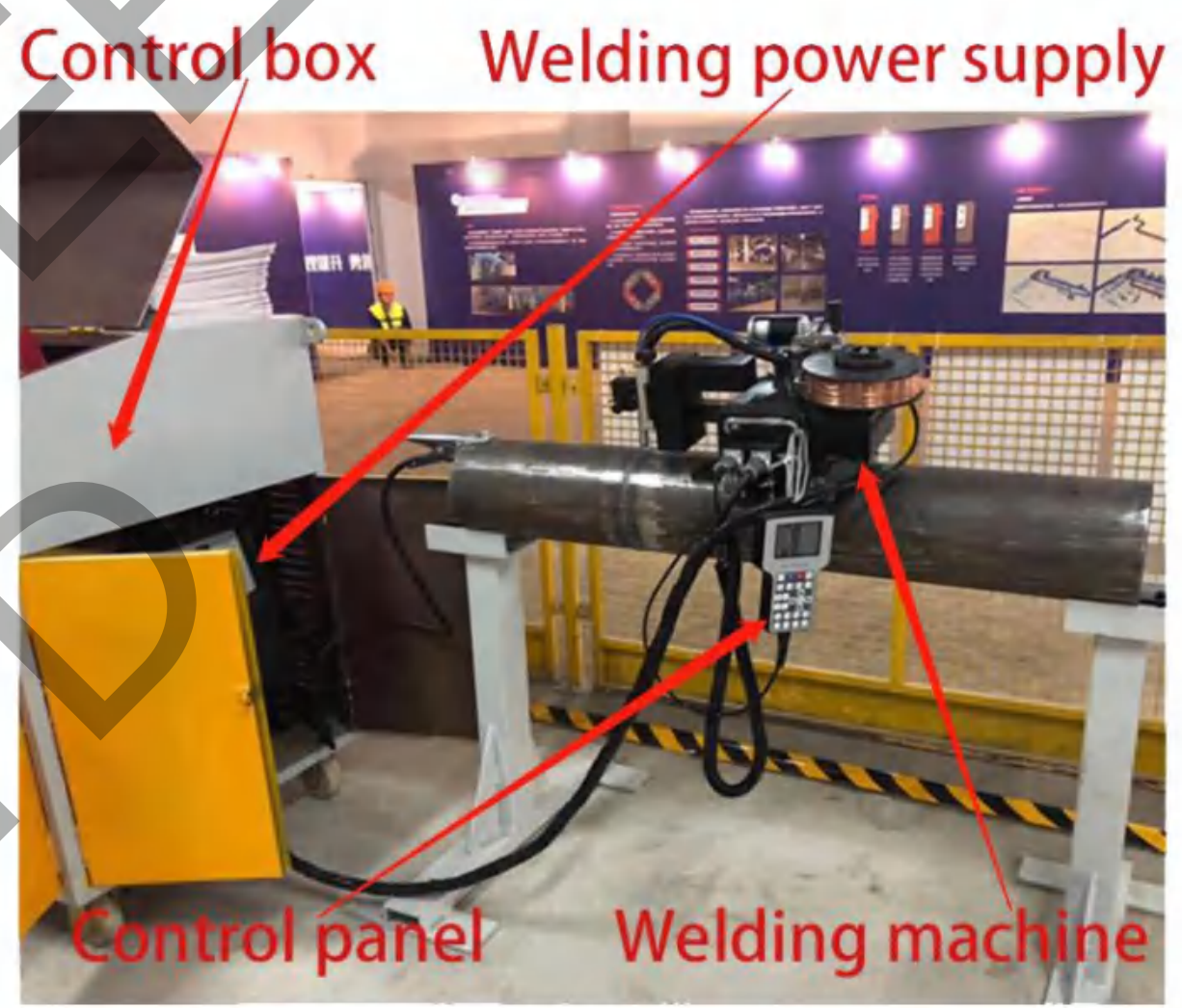
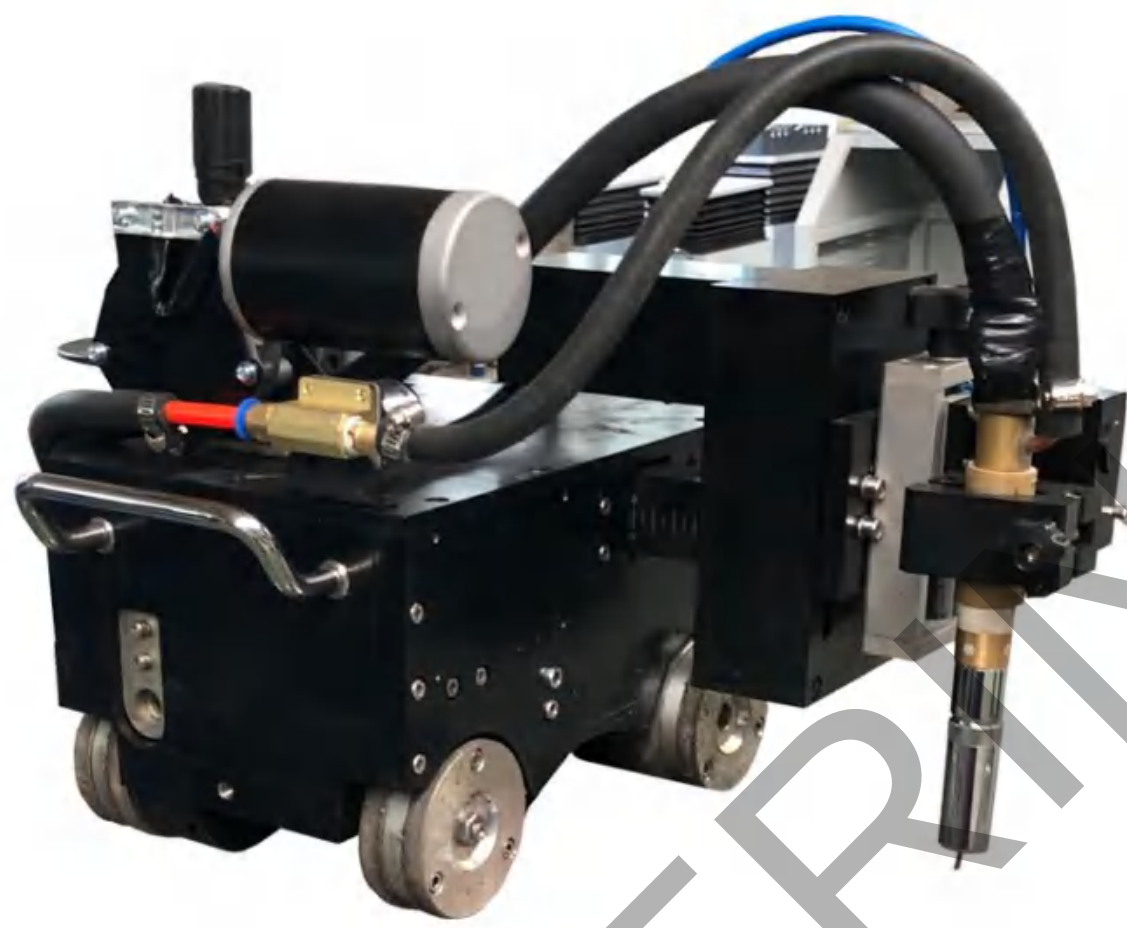
Control Box



| Item                          | Data        | Data               |
|-------------------------------|-------------|--------------------|
| Power Source                  |             |                    |
| Brand                         |             | Kimppe Hiarc M500A |
| Power source Voltage          | 3,50/60hz   | 380V(-10% to +15%) |
| Rated power                   | 60% ED      | 24.5KVA            |
|                               | 100% ED     | 17KVA              |
| Current Supply                | Maximum     | 37A                |
|                               | Valid value | 29A                |
| Outlet,at 40degree            |             | 500A/39.0V         |
|                               |             | 390A/33.5V         |
| Fuse                          |             | 35A                |
| open-circuit voltage          |             | 60-70V             |
| Power factor 60%              |             | 0.92               |
| Power 100%                    |             | 87%                |
| Welding range                 |             | 13-50V             |
| Size                          |             | 716*385*485mm      |
| electromagnetic compatibility | A           |                    |
| Weight                        |             | 41kg               |
| Protection grade              |             | ip23s              |
| Gas heating connection        |             | 36v/150W           |



# All Position Orbital Welding Machine

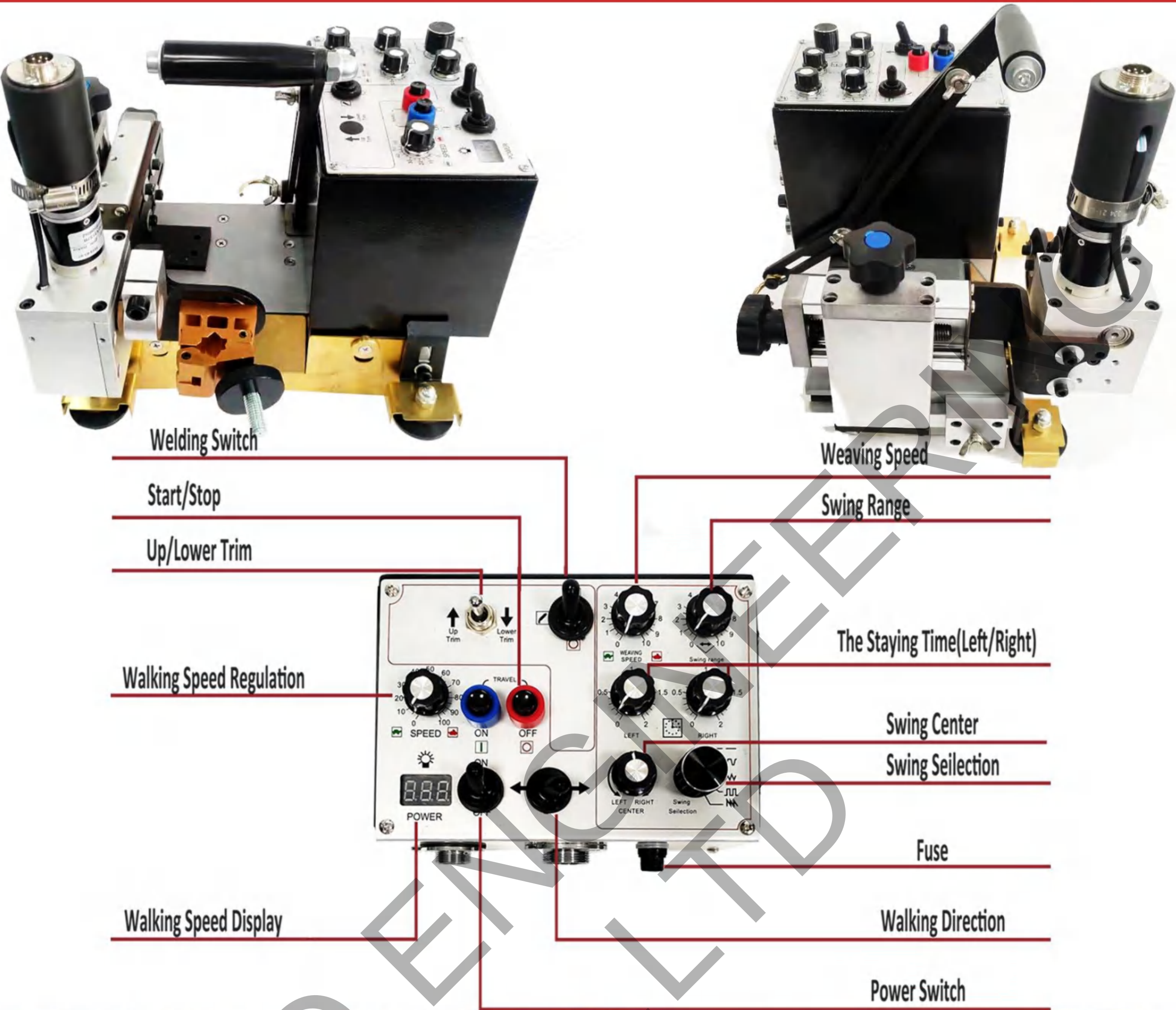


|                                           |                                                                                             |
|-------------------------------------------|---------------------------------------------------------------------------------------------|
| Diameter of pipe                          | >0150mm                                                                                     |
| Structural style                          | Magnetic trackless or trackless (material for welding that cannot be magnetically adsorbed) |
| Trolley drive                             | Constant torque motor + worm gear and worm drive                                            |
| Trolley walking speed regulation mode     | LCD screen setting + soft button adjustment                                                 |
| Move speed                                | 290mm/min                                                                                   |
| Welding speed                             | 50-290mm/min; Stepless speed regulation                                                     |
| Swing drive                               | Stepper motor + planetary reducer + linear slide rail                                       |
| Swing trajectory                          | Set according to welding requirement                                                        |
| Swing adjustment mode                     | LCD screen setting + soft button adjustment                                                 |
| Swing left and right to adjust the stroke | 78mm                                                                                        |
| Swing range                               | 0.5mm                                                                                       |
| Max swing                                 | 30mm                                                                                        |
| Swing frequency                           | 20-60 times/min                                                                             |
| Duration of stay (left, right)            | 0~3 seconds                                                                                 |
| Swing fine-tuning offset equivalent       | 0.1-0.5mm adjustable                                                                        |
| Welding gun up and down adjustment stroke | 128mm                                                                                       |
| Up and down electric adjustment           | 58mm                                                                                        |
| Up and down manual adjustment             | 70m                                                                                         |
| Weight of trolley                         | 26KG                                                                                        |
| Power of trolley                          | 120W                                                                                        |
| Drive power source                        | AC 24V                                                                                      |



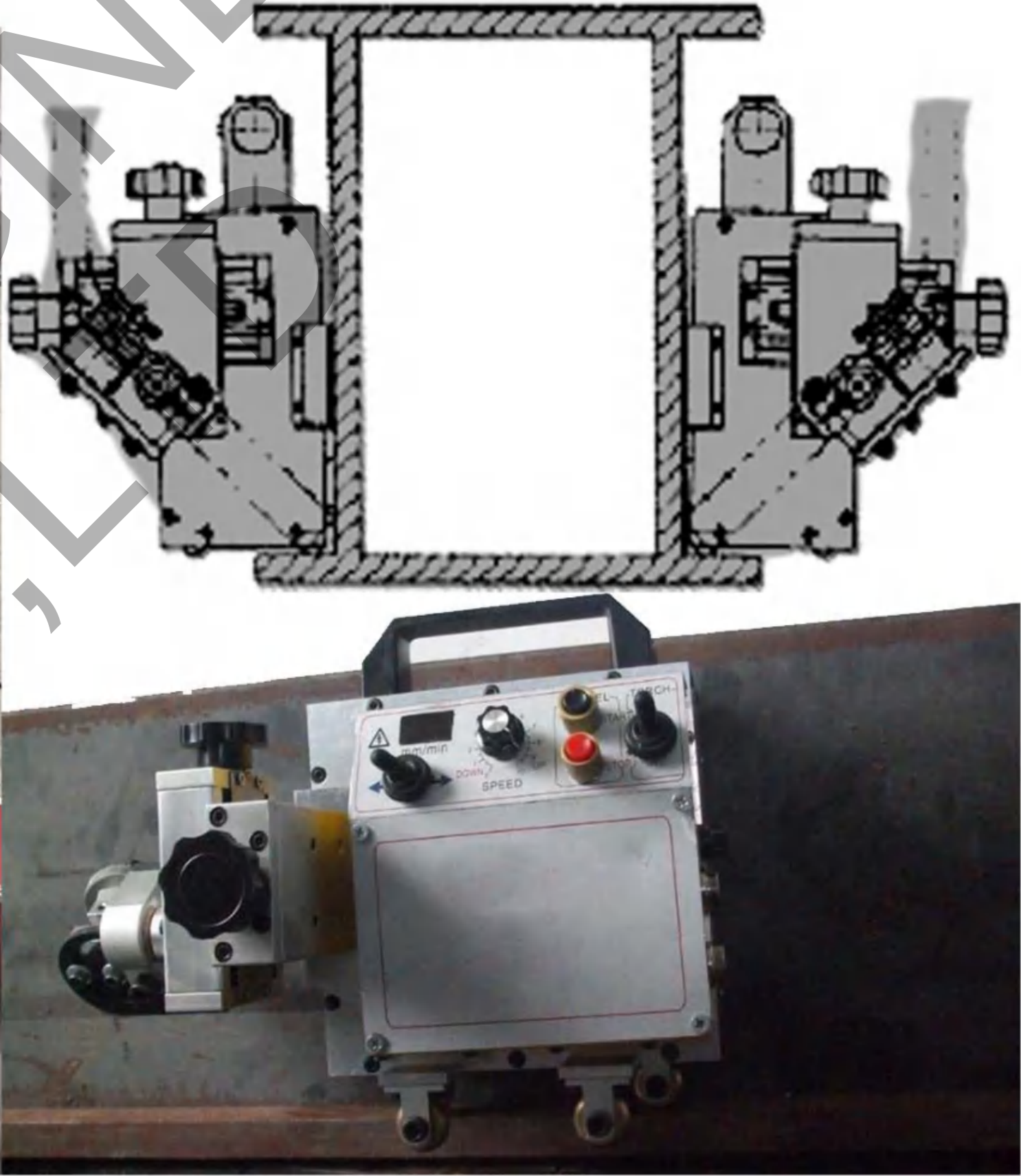
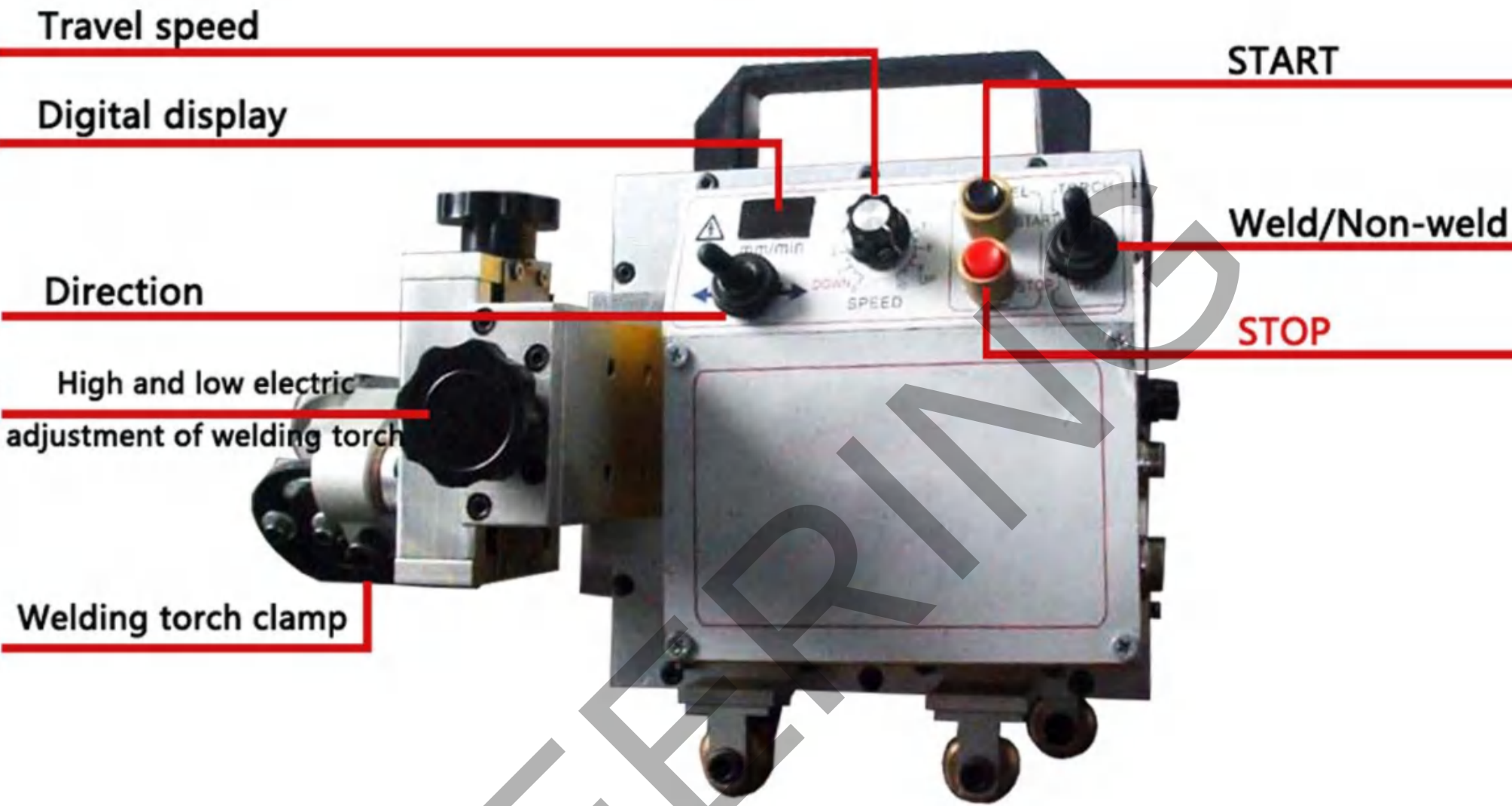
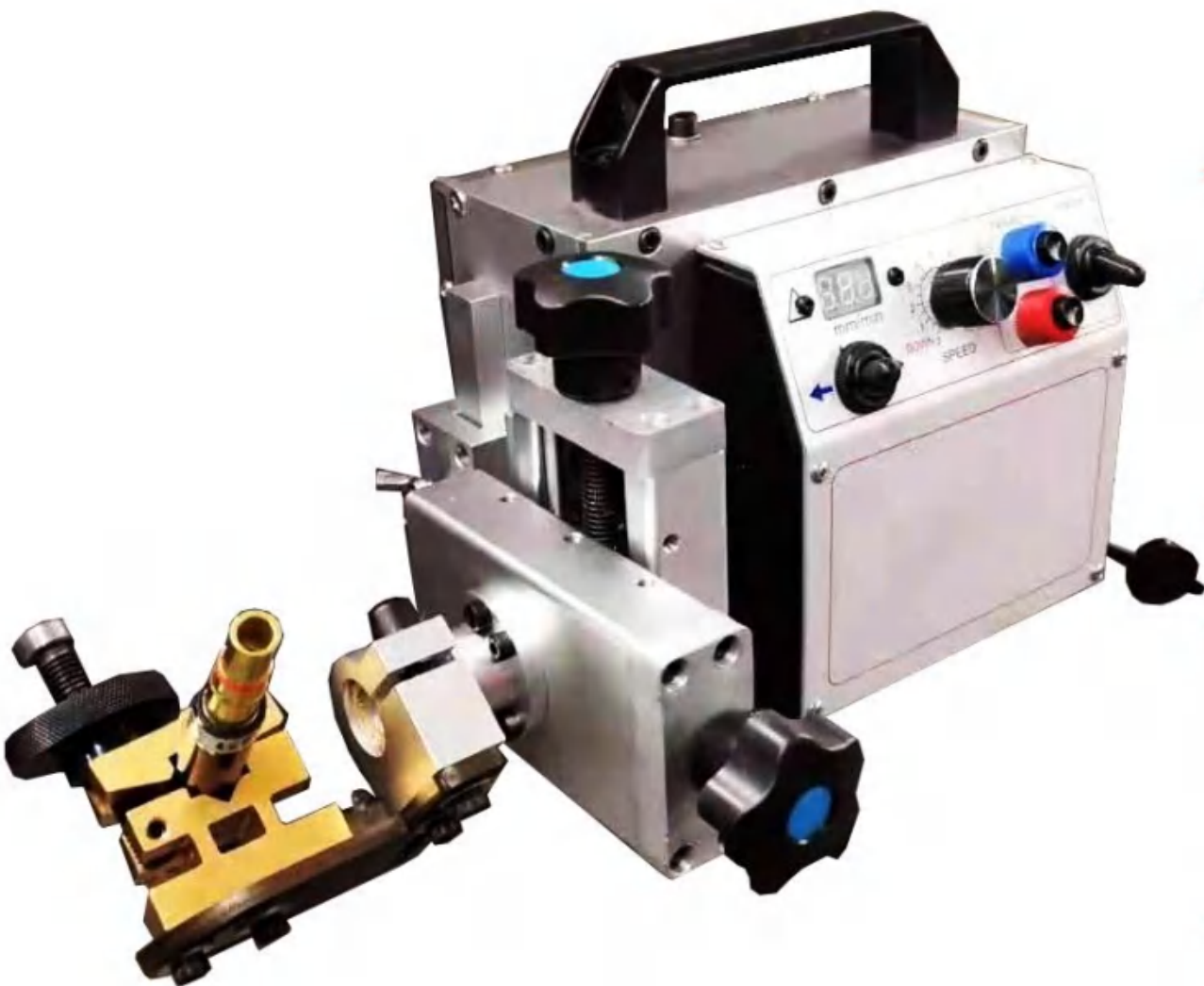
WJ-III

Automatic Fillet And Butt Welding Machine



|     | class                                                          | content                           | remark              |
|-----|----------------------------------------------------------------|-----------------------------------|---------------------|
| Car | power supply                                                   | AC 220V                           |                     |
|     | size                                                           | 240×330×310                       | W×L×H               |
|     | weight                                                         | 12 Kg                             | Oscillator included |
|     | move                                                           | four-wheel drive                  | Rubber wheels       |
|     | Walking speed                                                  | 0~880mm/min                       |                     |
|     | Swing motor                                                    | DC24V 18RPM                       |                     |
|     | Welding torch adjustment range<br>Welding gun adjustment range | Up and down                       |                     |
|     |                                                                | Before and after                  | 85mm                |
|     |                                                                | Operating angle adjustment range  | 360°                |
|     |                                                                | Make a range of angle adjustments | 0 °                 |
|     |                                                                | Welded/non-welded options         |                     |

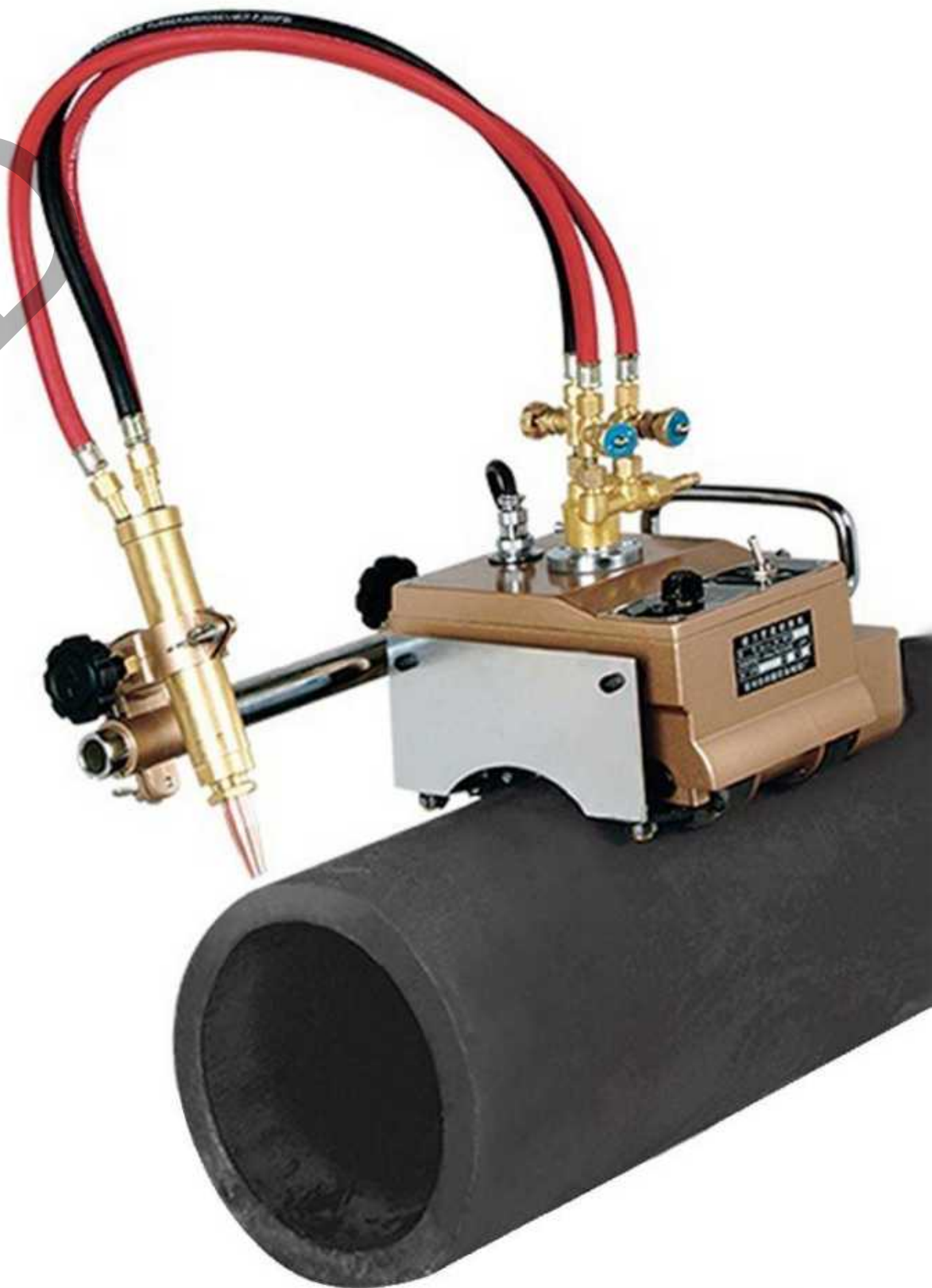
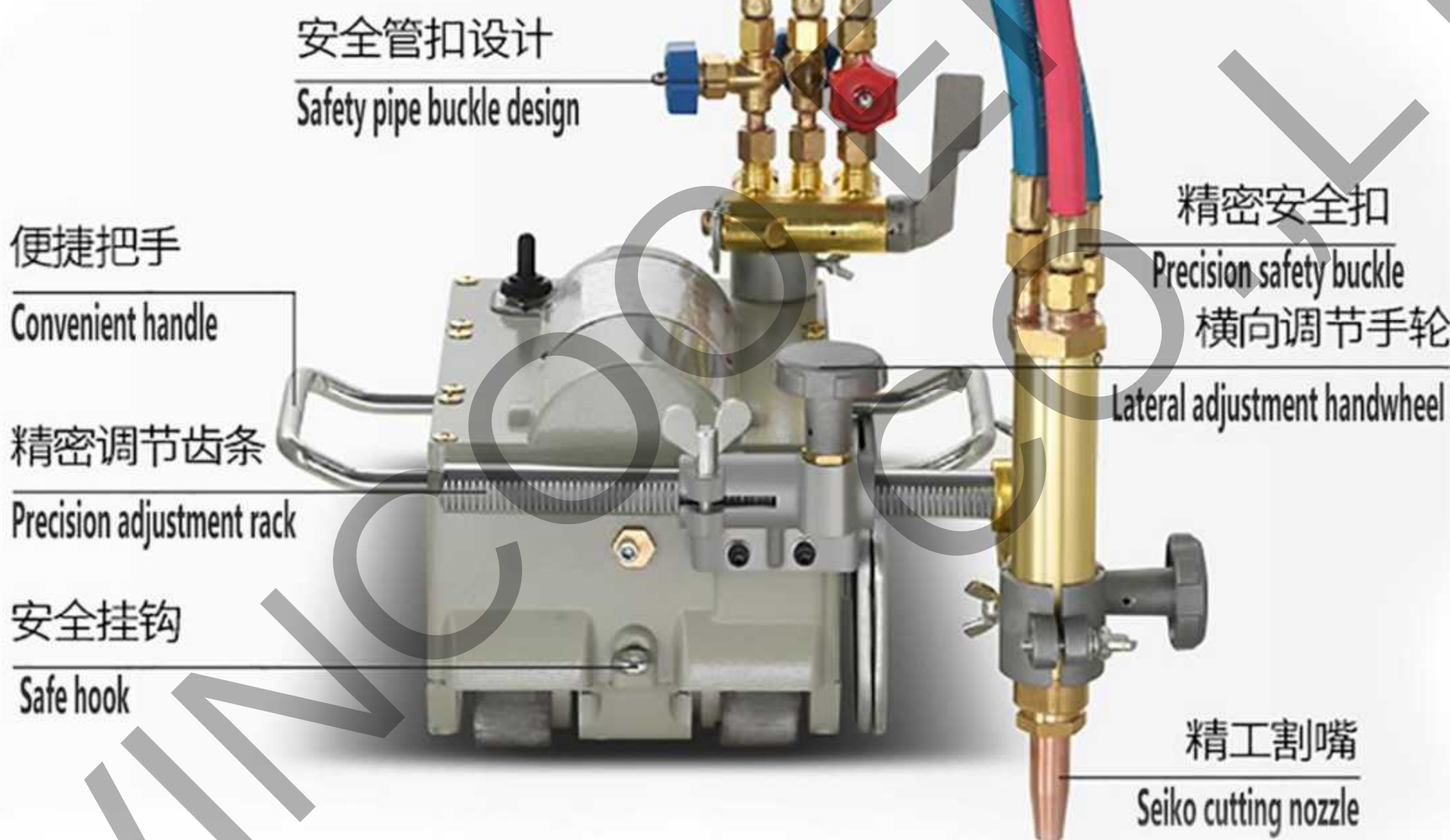




| class |                                | content                           | remark              |
|-------|--------------------------------|-----------------------------------|---------------------|
| Car   | power supply                   | AC 220V                           |                     |
|       | size                           | 500×250×255                       | W×L×H               |
|       | weight                         | 14.5kg                            | Oscillator included |
|       | move                           | four-wheel drive                  | Rubber wheels       |
|       | Walking speed                  | 0~1560mm/min                      |                     |
|       | Swing motor                    | DC24V 18RPM                       |                     |
|       | Welding torch adjustment range | Up and down                       | 55mm                |
|       |                                | Before and after                  | 55mm                |
|       |                                | Operating angle adjustment range  | 360°                |
|       |                                | Make a range of angle adjustments | 0°                  |
|       | Welding gun adjustment range   | Walking direction                 | Left and right      |



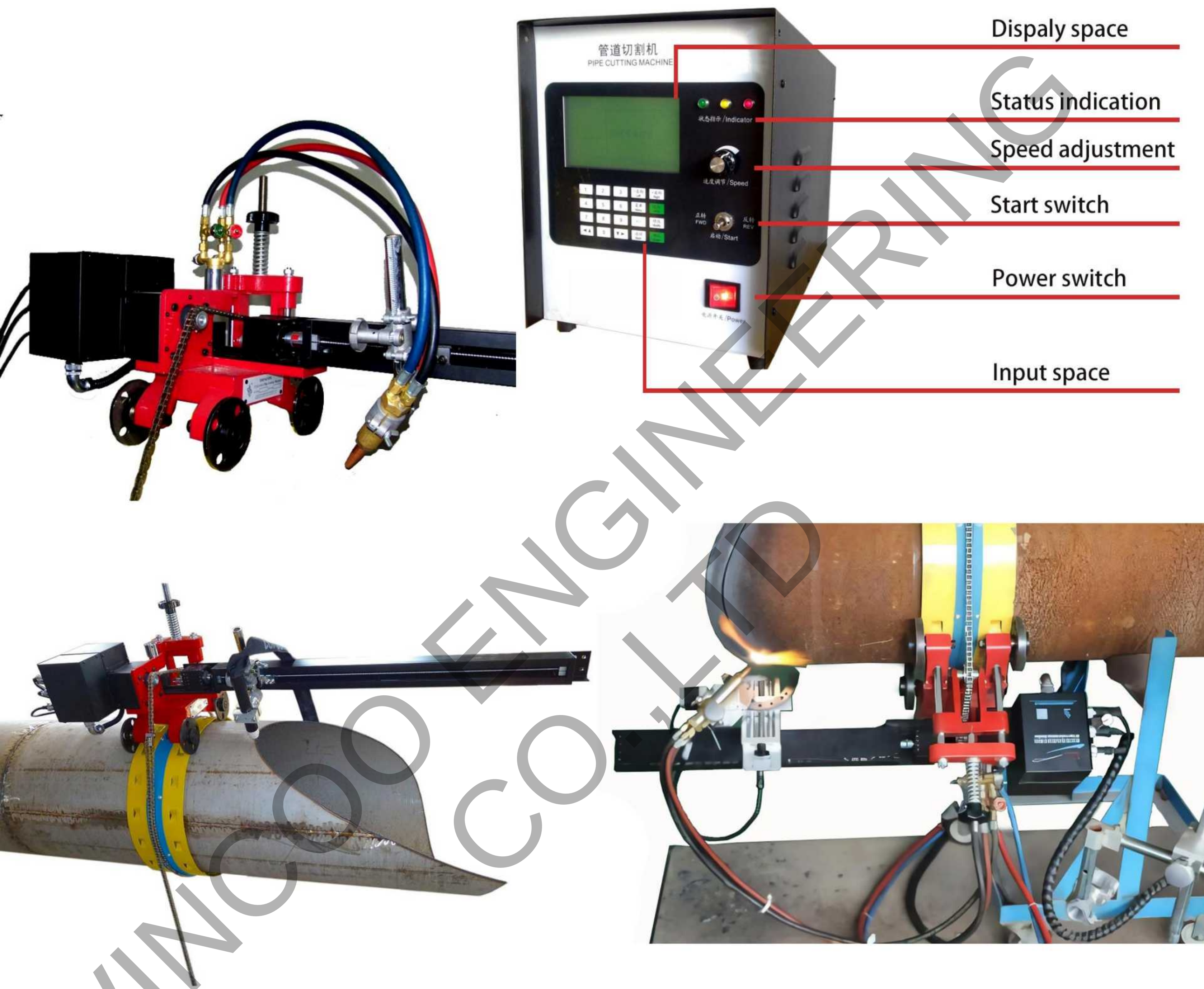
POWERFUL ADSORPTION  
AND FASTCUTTING



| Item                                        | Parameter        |
|---------------------------------------------|------------------|
| Product Model                               | WCG2-11          |
| Input Voltage                               | AC 220V/50Hz     |
| The diameter of cutting seamless steel pipe | More than 108 mm |
| The speed of cutting pipe wall              | 6~50mm/min       |
| The speed of cutting steel plate            | 50~750mm/min     |
| Magnetic adsorption force                   | More than 50kg   |
| Weight                                      | 20kg             |
| Overall dimensions                          | 350*310*180mm    |



# Portable Pipe Beveling Machine



|                       |                              |
|-----------------------|------------------------------|
| Display:              | 111mm×62mmLCD                |
| Button No.:           | 20pcs                        |
| Power-off Protection: | 10years                      |
| Working Temperature:  | -10℃~ +55℃                   |
| Voltage:              | 220V AC                      |
| Power:                | 600W                         |
| Main kit Weight:      | 5KG                          |
| Size:                 | 400 (L) ×200 (W) ×200 (H) mm |



# External Clamp Pipe Beveling Machine



Electric Type



Hydraulic Type



CNC Type



Pneumatic Type

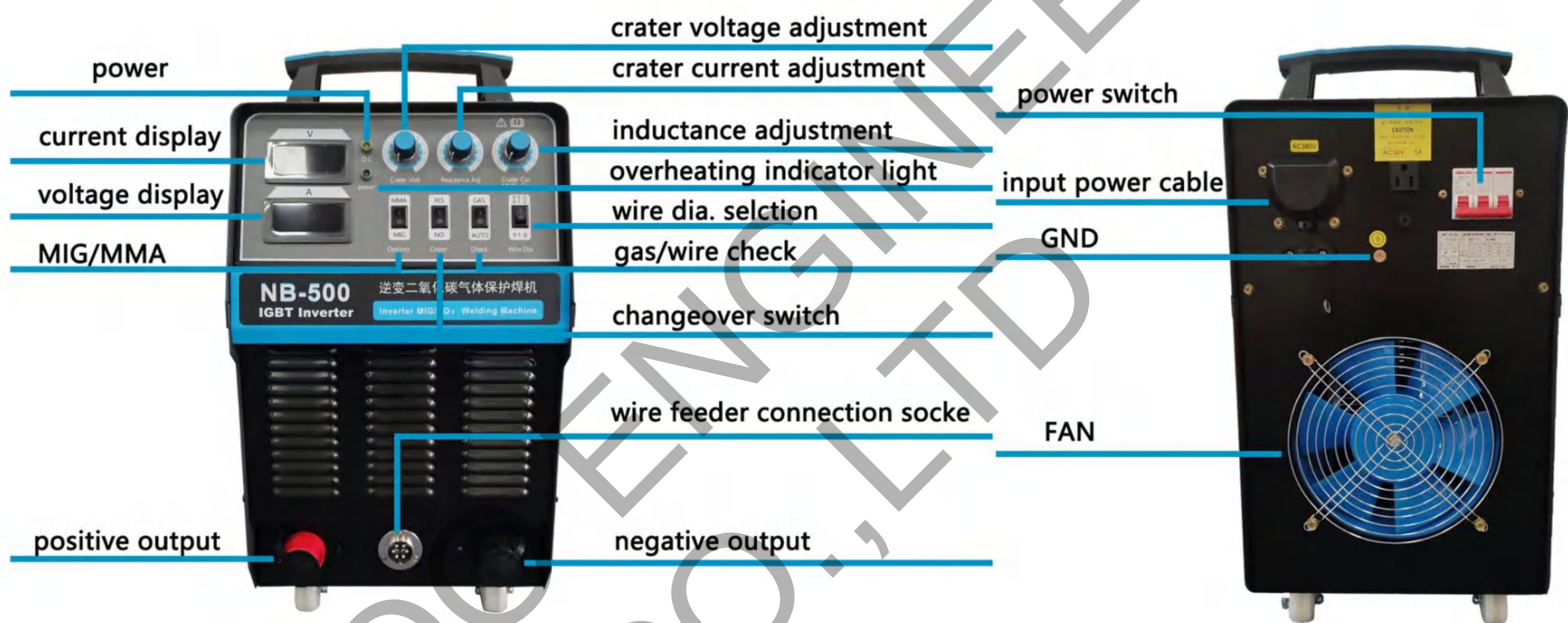


METABO

| Model              | Specification | Outside diameter | Thickness  |            | Speed of cutter head |
|--------------------|---------------|------------------|------------|------------|----------------------|
|                    |               |                  | Overloaded | Overloaded |                      |
|                    | 89            | 25~89            | ≤30        |            | 42 r/min             |
|                    | 159           | 65~159           | ≤30        |            | 20 r/min             |
|                    | 168           | 50~168           | ≤30        |            | 18 r/min             |
|                    | 230           | 80~230           | ≤30        |            | 15 r/min             |
|                    | 275           | 125~275          | ≤30        |            | 14 r/min             |
| Electric type/OCE  | 305           | 150~305          | ≤30        | ≤110       | 13 r/min             |
|                    | 325           | 168~325          | ≤30        | ≤110       | 13 r/min             |
|                    | 377           | 219~377          | ≤30        | ≤110       | 12 r/min             |
|                    | 426           | 273~426          | ≤30        | ≤110       | 12 r/min             |
|                    | 457           | 300~457          | ≤30        | ≤110       | 12 r/min             |
| Pneumatic type/OCP | 508           | 355~508          | ≤30        | ≤110       | 12 r/min             |
|                    | 560           | 400~560          | ≤30        | ≤110       | 12 r/min             |
| Hydraulic type/OCH | 610           | 457~610          | ≤30        | ≤110       | 11 r/min             |
|                    | 630           | 480~630          | ≤30        | ≤110       | 11 r/min             |
| CNC type/OCS       | 660           | 508~660          | ≤30        | ≤110       | 11 r/min             |
|                    | 715           | 560~715          | ≤30        | ≤110       | 11 r/min             |
| METABO/OCM         | 762           | 600~762          | ≤30        | ≤110       | 11 r/min             |
|                    | 830           | 660~830          | ≤30        | ≤110       | 10 r/min             |
|                    | 914           | 762~914          | ≤30        | ≤110       | 10 r/min             |
|                    | 1066          | 914~1066         | ≤30        | ≤110       | 10 r/min             |
|                    | 1230          | 1066~1230        | ≤30        | ≤110       | 10 r/min             |
|                    | 1430          | 1230~1430        | ≤30        | ≤110       | 8 r/min              |
|                    |               |                  |            |            |                      |



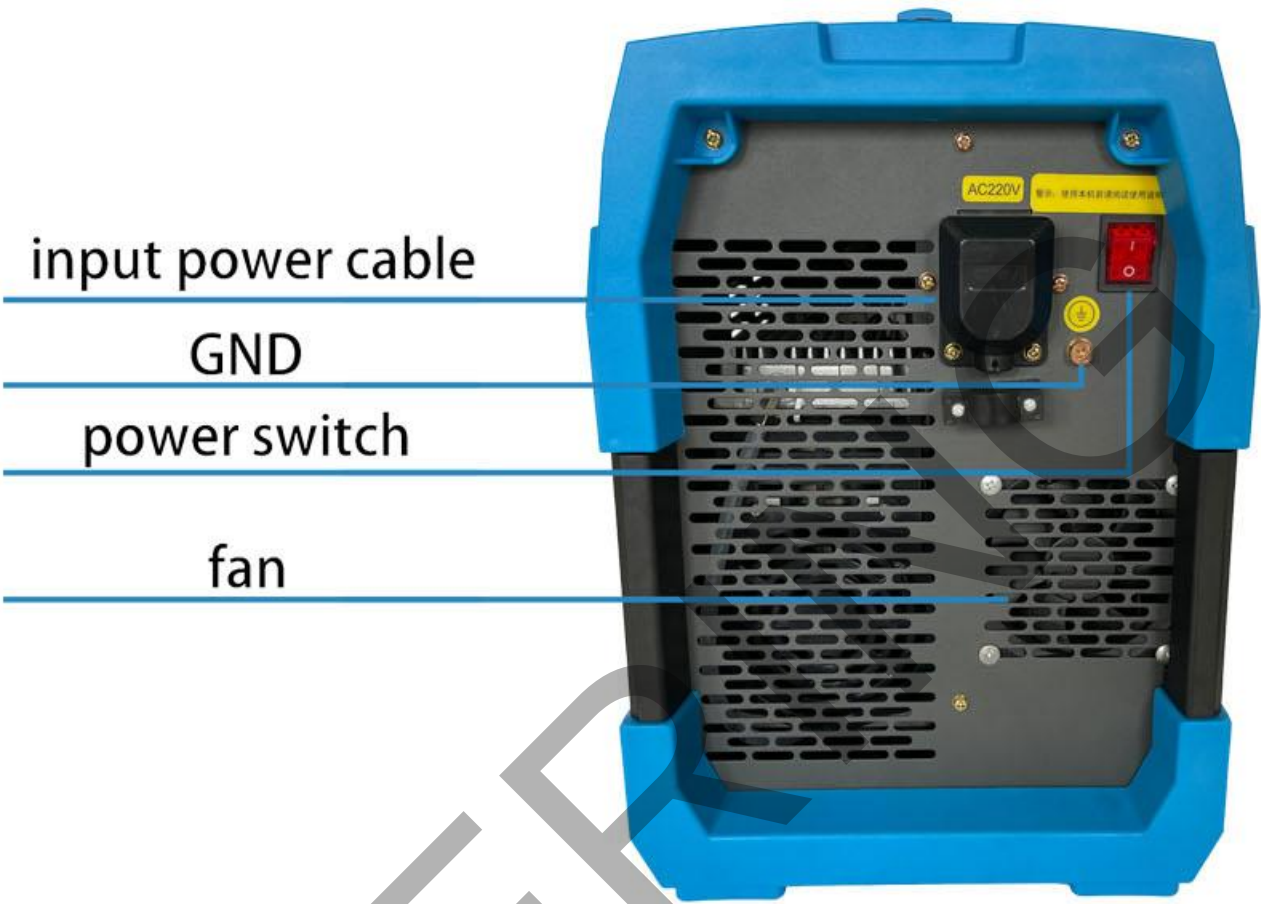
# NB-500 Welding Machine



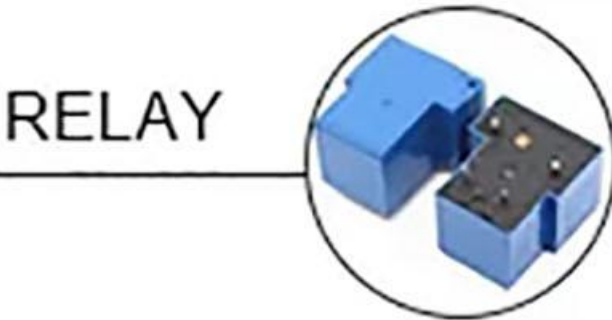
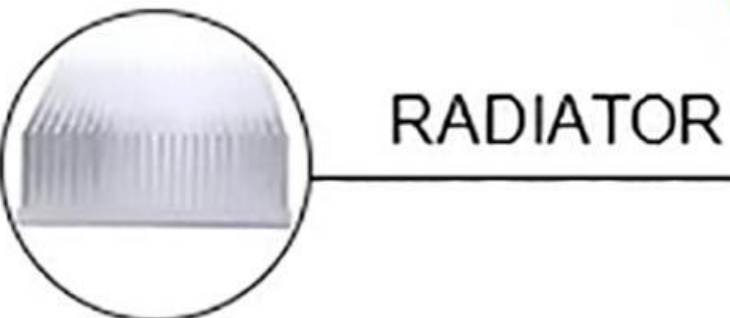
|                           |                |
|---------------------------|----------------|
| Power voltage (V)         | 3~380V 50/60HZ |
| Rate input power (KVA)    | 24.4           |
| No-load voltage (V)       | 25/66          |
| Rated welding current (A) | 500            |
| Duty cycle                | 60%            |
| Filler wires (mm)         | Φ0.8、1.0、1.2   |
| Temperature class         | F              |
| Protection class          | IP21S          |
| Weight (kg)               | 20             |
| Dimensions (mm)           | 650*340*560    |



# LGK-40Z Pump Integrated Air Plasma Cutting System

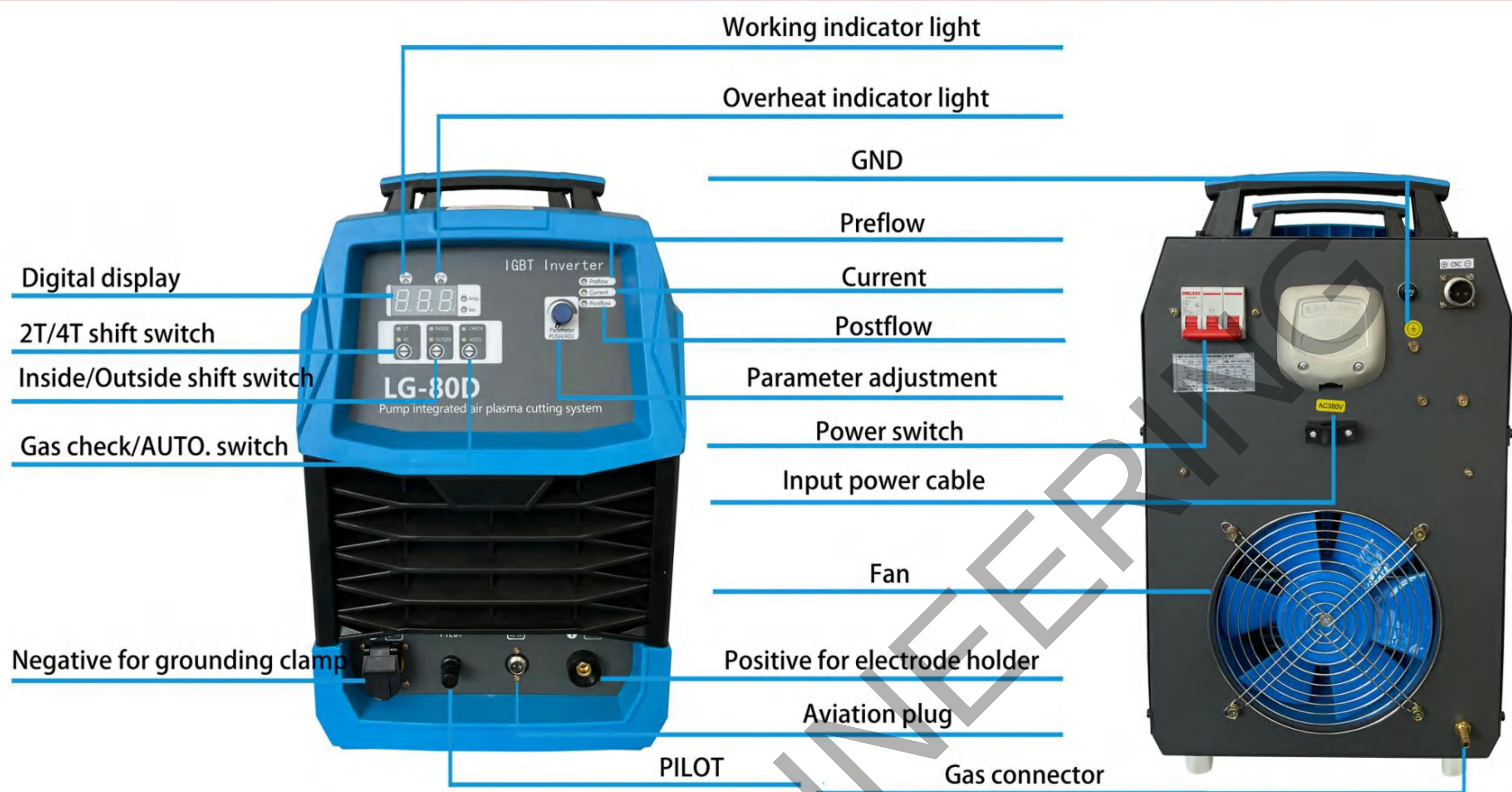


|                         |             |
|-------------------------|-------------|
| Power voltage (V)       | 220         |
| Rate input power (KVA)  | 5.2         |
| No-load voltage (V)     | 240         |
| Rated input current (A) | 23          |
| Cutting voltage (V)     | 96          |
| Duty cycle              | 0.6         |
| Pilot arc model         | touch       |
| Max thickness (mm)      | 10          |
| Weight (kg)             | 30          |
| Dimensions (mm)         | 580*370*530 |





# LG-80D Pump Integrated Air Plasma Cutting System



|                         |                  |
|-------------------------|------------------|
| Power voltage (V)       | 3~phase 380V±15% |
| Rate input power (KVA)  | 9.5              |
| No-load voltage (V)     | 290              |
| Rate output current (A) | 20-80            |
| Rate output voltage (V) | 120              |
| Duty cycle              | 0.6              |
| Pilot arc model         | Non-touch HF     |
| Max thickness (mm)      | 25               |
| Weight (kg)             | 42               |
| Dimensions (mm)         | 600*340*600      |



FAN



CAPACITOR



IGBT / MOS



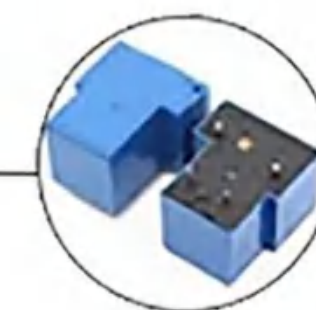
RADIATOR



TRANSFORMER



RELAY

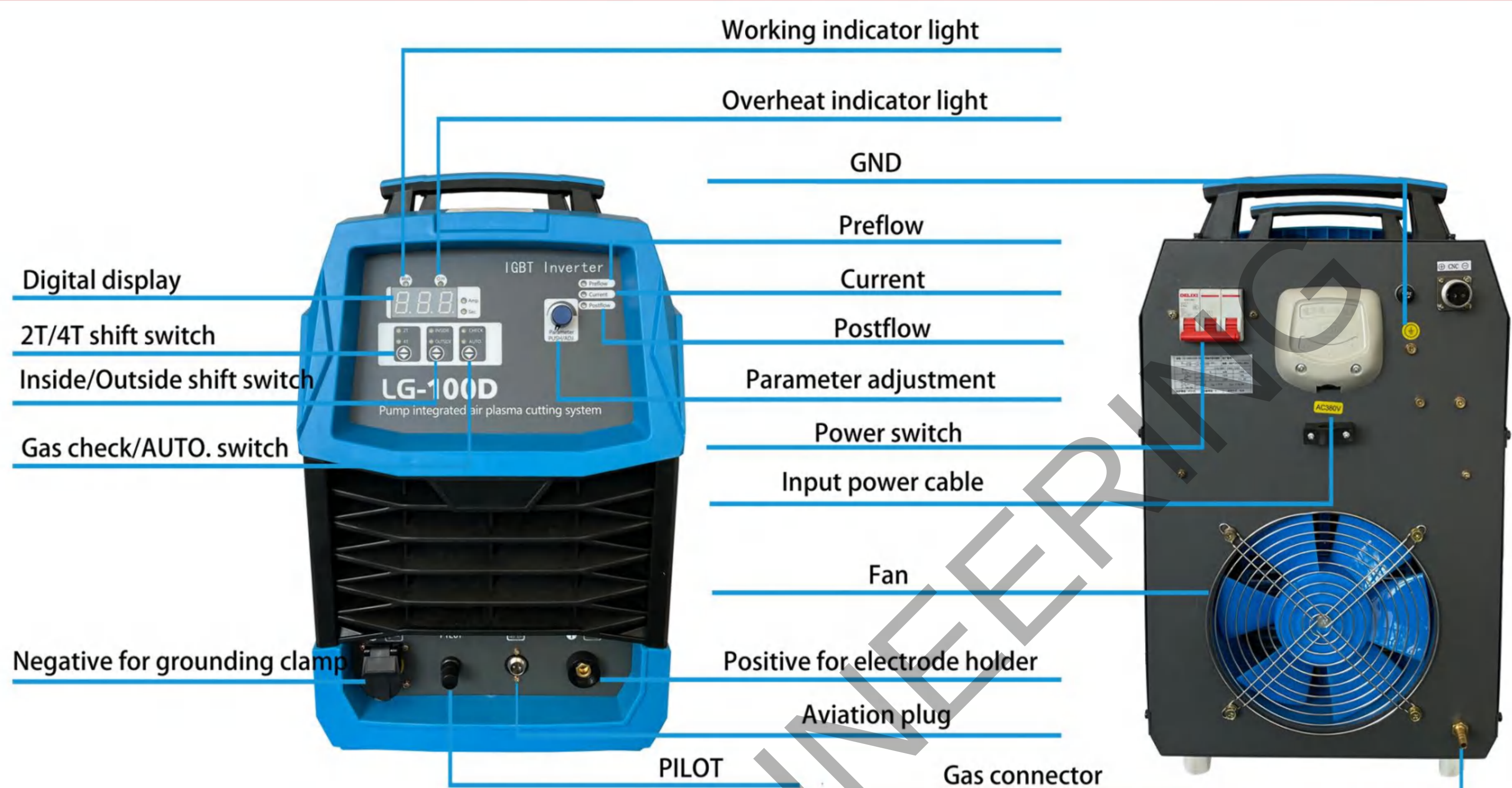


RECTIFIER  
BRIDGE





# LG-100D Pump Integrated Air Plasma Cutting System



|                         |                  |
|-------------------------|------------------|
| Power voltage (V)       | 3~phase 380V±15% |
| Rate input power (KVA)  | 13.8             |
| No-load voltage (V)     | 290              |
| Rate output current (A) | 20-100           |
| Rate output voltage (V) | 120              |
| Duty cycle              | 0.6              |
| Pilot arc model         | Non-touch HF     |
| Max thickness (mm)      | 32               |
| Weight (kg)             | 45               |
| Dimensions (mm)         | 560*330*600      |



FAN



CAPACITOR



IGBT / MOS



RADIATOR



TRANSFORMER



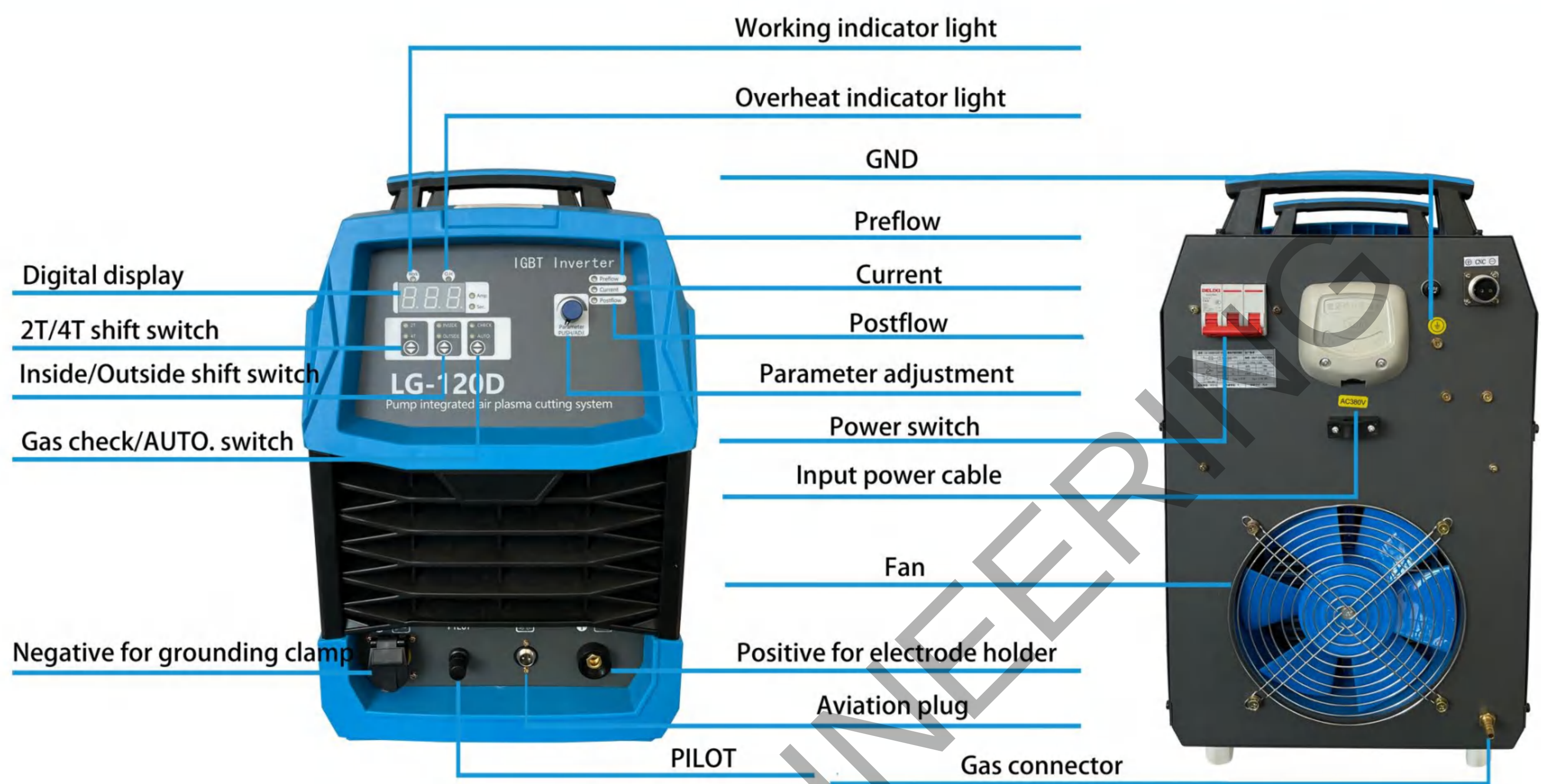
RELAY



RECTIFIER BRIDGE



# LG-120D Pump Integrated Air Plasma Cutting System



|                         |                  |
|-------------------------|------------------|
| Power voltage (V)       | 3~phase 380V±15% |
| Rate input power (KVA)  | 15.2             |
| No-load voltage (V)     | 290              |
| Rate output current (A) | 20-120           |
| Rate output voltage (V) | 120              |
| Duty cycle              | 0.6              |
| Pilot arc model         | Non-touch HF     |
| Max thickness (mm)      | 38               |
| Weight (kg)             | 45               |
| Dimensions (mm)         | 600*335*600      |



FAN



CAPACITOR



IGBT / MOS



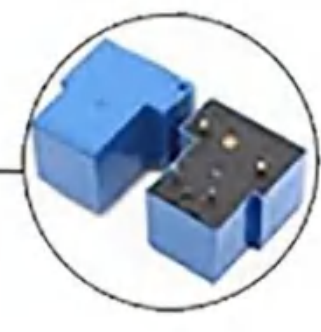
RADIATOR



TRANSFORMER



RELAY

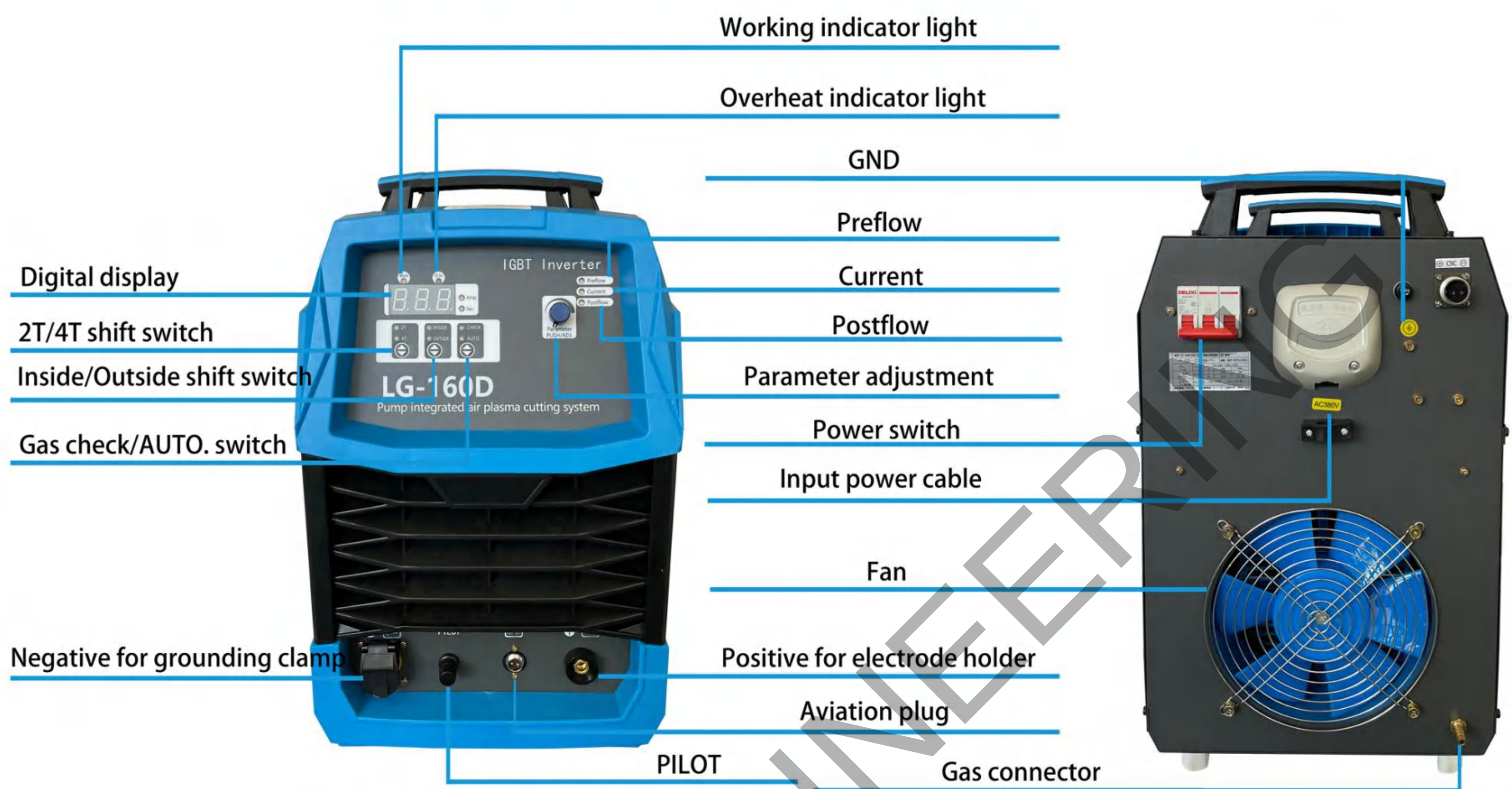


RECTIFIER BRIDGE





# LG-160D Pump Integrated Air Plasma Cutting System



|                         |                  |
|-------------------------|------------------|
| Power voltage (V)       | 3~phase 380V±15% |
| Rate input power (KVA)  | 30               |
| No-load voltage (V)     | 290              |
| Rate output current (A) | 20-160           |
| Rate output voltage (V) | 120              |
| Duty cycle              | 0.6              |
| Pilot arc model         | Non-touch HF     |
| Max thickness (mm)      | 48               |
| Weight (kg)             | 52               |
| Dimensions (mm)         | 600*335*600      |



FAN



CAPACITOR



IGBT / MOS



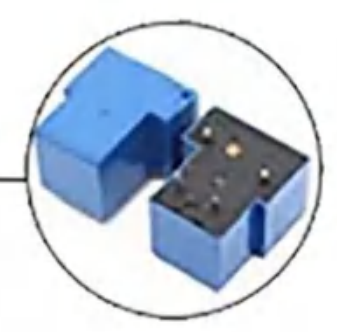
RADIATOR



TRANSFORMER



RELAY



RECTIFIER BRIDGE

