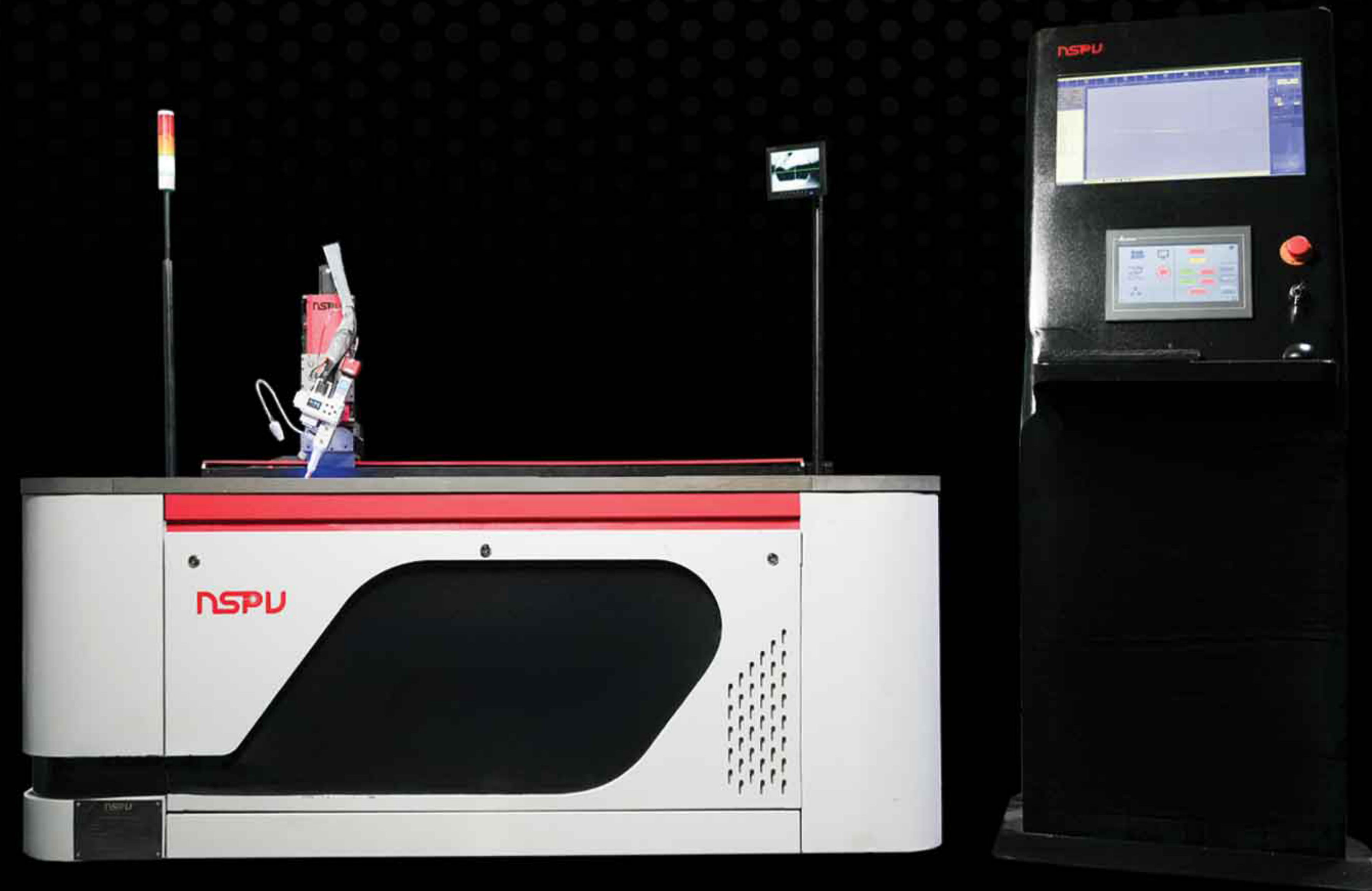


NSPV

2 models **TWB AUTOMATIC
LASER WELDING MACHINE**
V-TWB- A LW- 3A - 2000 | V-TWB- A LW- 3A - 3000



TWB AUTOMATIC LASER WELDING MACHINE



PHONE : 09137972932



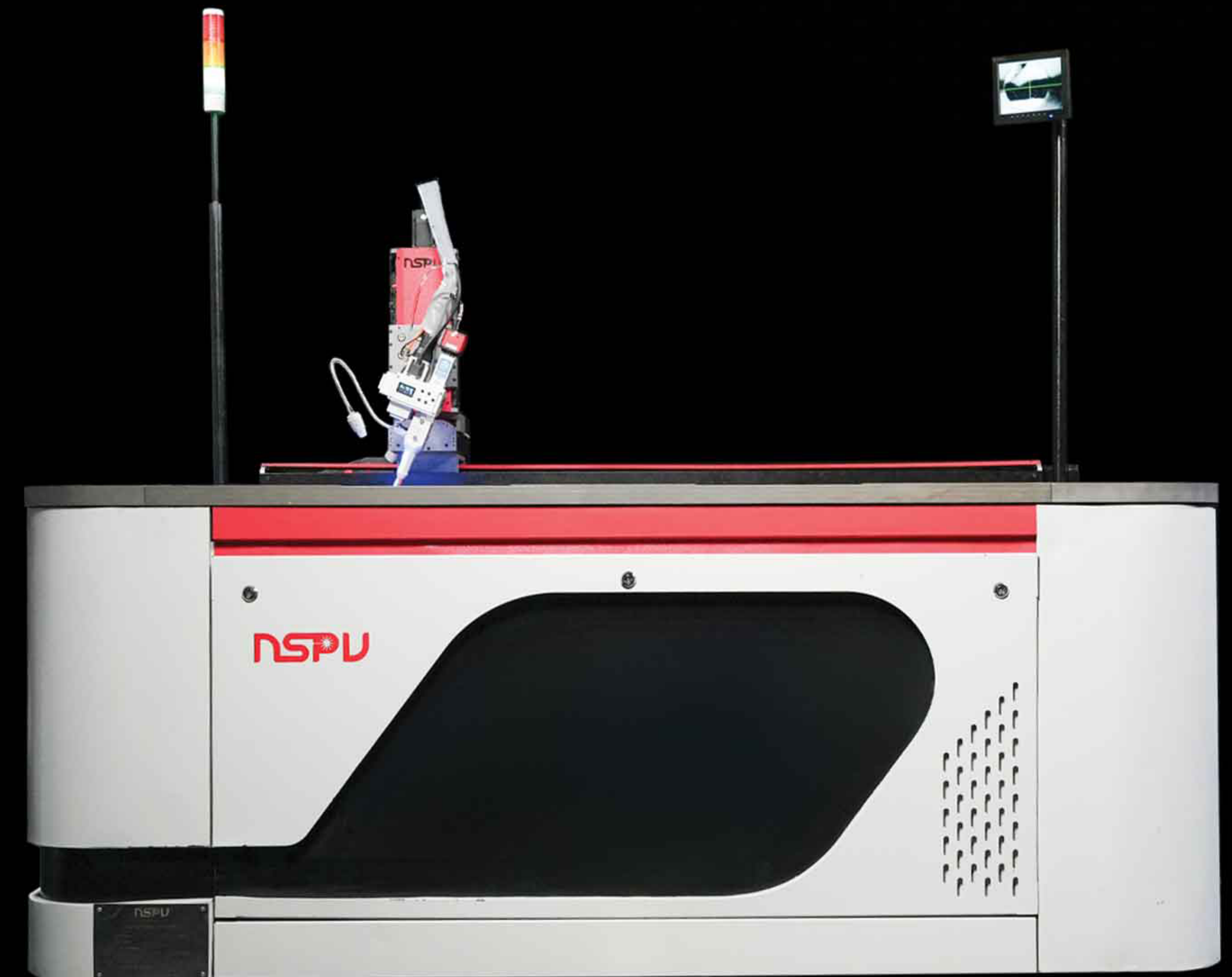
MOBILE: 031-91097097



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INFO@NSPVCO.COM



TWB AUTOMATIC LASER WELDING MACHINE

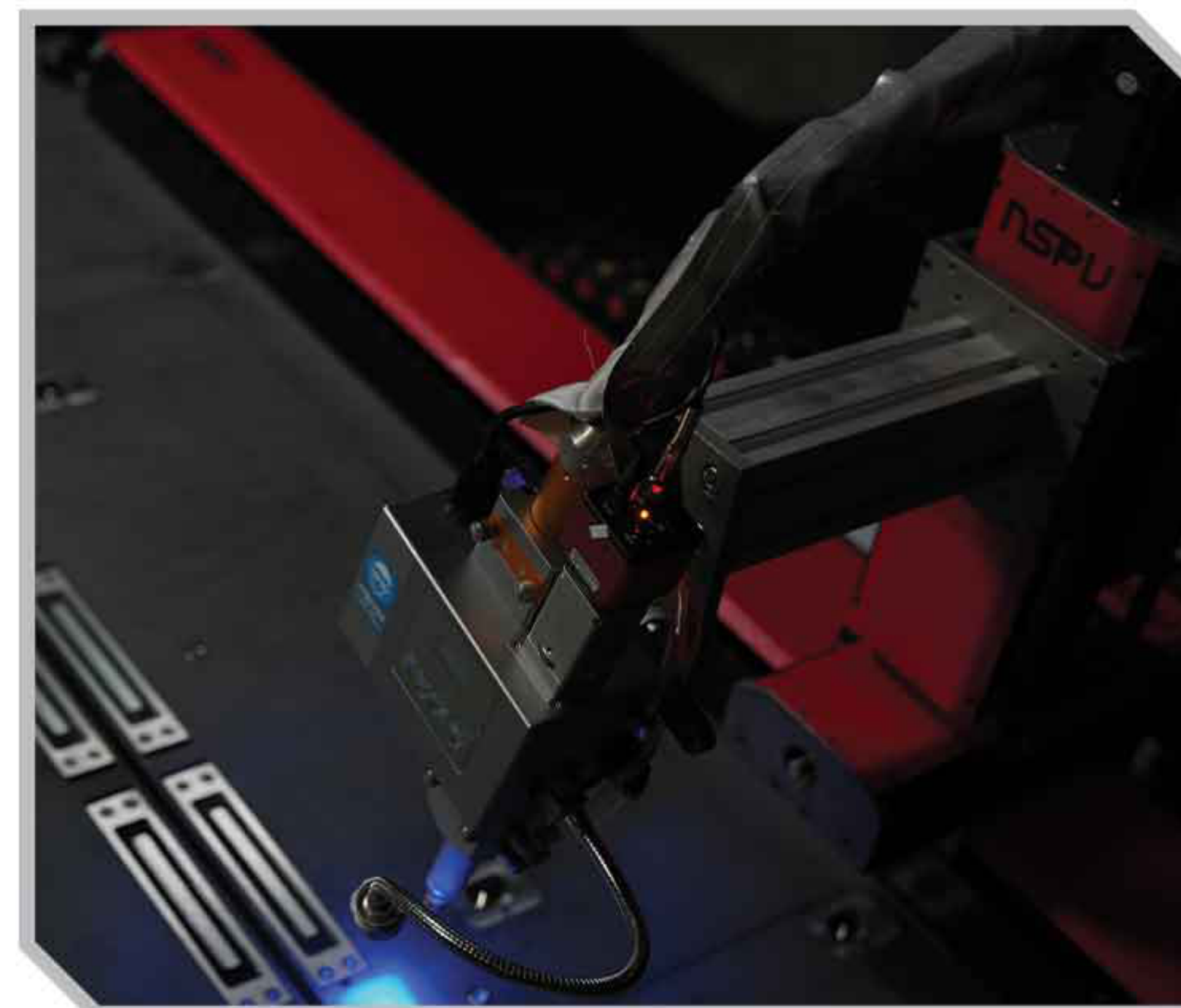
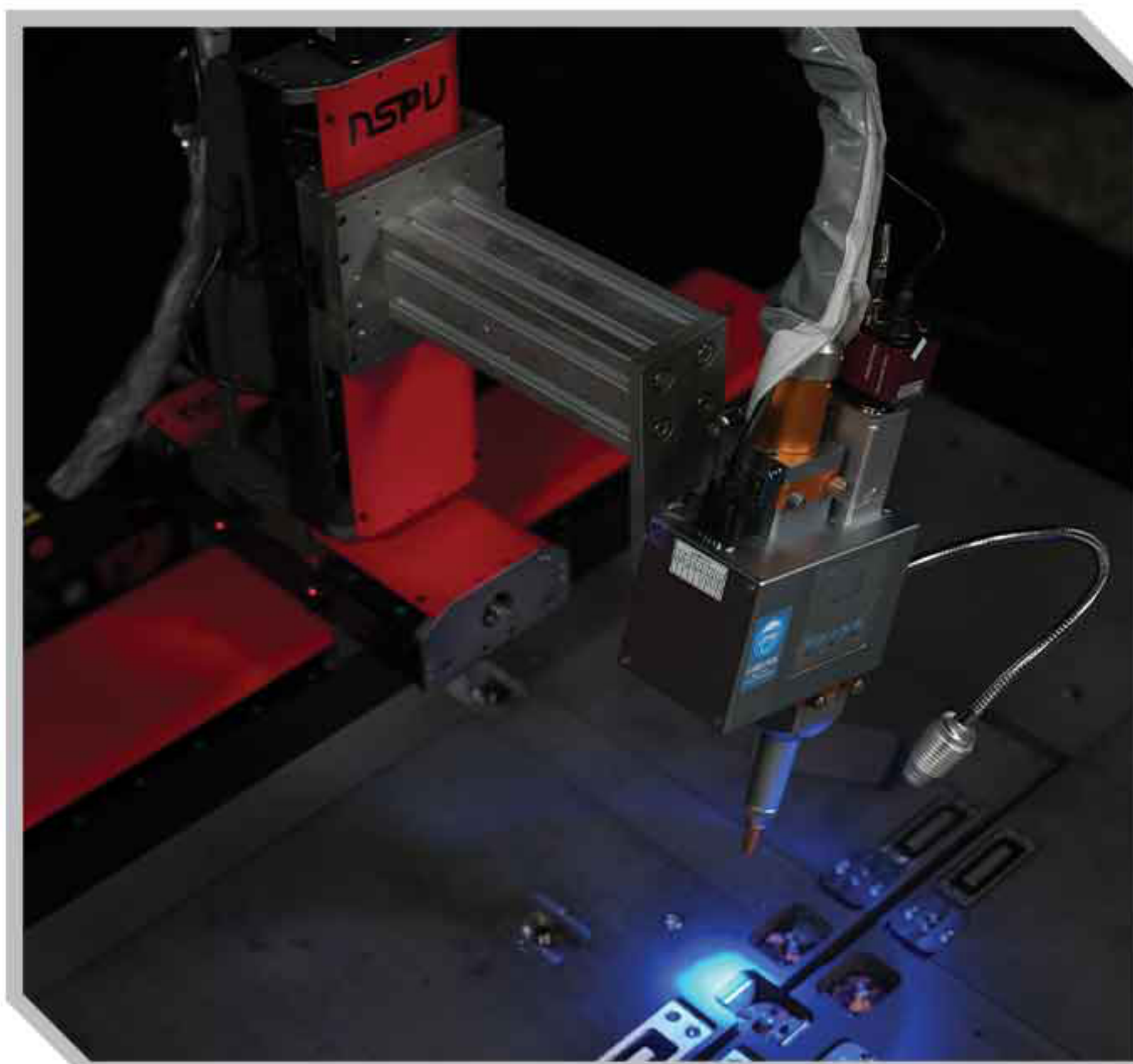
TWB AUTOMATIC LASER WELDING MACHINE

Device features:

- Manual loading and adjustment of sheets
- Precise adjustment of the weld line using pneumatic indicators
- Intelligent control of the device with PLC
- Magnetic and automatic sheet clamping
- Welding sheets of various thicknesses and materials
- Customization of the device based on sheet type and dimensions
- Manual angle adjustment of the welding head
- Equipped with a foot pedal for welding control and a handwheel for precise axis movement
- Equipped with a CCD system and display for real-time monitoring of precise and delicate welding processes

Applications:

Automotive industry, Steel industry



TWB AUTOMATIC LASER WELDING MACHINE

| Model | V-TWB-ALW-3A-3000 | V-TWB-ALW-3A-2000 |
|---------------------------------|---|-------------------|
| laser power | 3000 W | 2000 W |
| Laser source | Fiber laser | |
| Laser wavelength | Fiber laser 1080 nm | |
| Beam quality | M2 Less than 1.3 | |
| Laser mode | Continuous | |
| Pulsed frequency | Hz 50000-1 | |
| Power adjustment capability | to 100% 0 | |
| Weld spot diameter | mm 5-0.2 | |
| Focal length | mm 300/200 | |
| Weld location adjustment | Equipped with a red light indicator | |
| Weld location display | Weld location display via camera | |
| Cooling system | water-cooled chiller | |
| Welding head | Dual motor welding head (with wobble) brand QILIN | |
| Welding speed | Up to 150mm/s | |
| Positional accuracy on the axes | mm ± 0.01 | |
| Linear motion axes |)X=1500mm , Y= 100 mm , Z= 100mm(*) | |
| Device dimensions | 1700mm*2200mm*1722mm | |
| Device weight | 2500kg | |
| Power consumption | 8KW | 7KW |
| Power supply | AC 380V | AC 380V |

*With customizable motion axes capabilities