

>>> D100 Mobile Hand-held Laser Marker



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Mobile fiber laser system for marking of large equipment that would not fit into traditional marking systems. Optimized compact design makes possible to move the laser to any location, and one person can operate the laser easily.

To be transported the entire system is packaged into 2 suitcases, and common weight is only about 27kg;

The output power range from 10W to 50W allows to handle any material with high performance and quality.

Special safety viewing window and a red diode laser pointer help to position the image precisely on the products and control the marking process.

Our PC-controlled system is safe and easy to use. It requires practically no maintenance, needs only 200W of electric power and obtains the lowest operating cost available.

Enjoy the advantage of the latest laser technology with our CYCJET series marking system!

Materials:

- Any metals and alloys
- Coated and galvanized metals
- Hard alloys • Rubber • Painted surfaces

Industry:

- Aviation and aerospace
- Mold production • Metal fabrication
- Chemical Machinery • Pipe production
- Nuclear • Automotive
- Warehouses & many more.

Laser:

- Type – Fiber Laser
- Wavelength – 1.06...1.07 μm
- Nominal Power – 10, 20, 50W
- Pulse repetition rate – 20...200KHZ; 1.6...1000KHZ(optional)
- Pulse duration – ~100ns; 4...200ns(optional)
- Maintenance – free operation – up to 100000hours MTBF

Marking head:

- Marking field – 100X100mm; 70X70mm
- Weight – approx 6kg
- Output fiber delivery length – standard 3m
- Integrated beam expander and optical isolator
- Viewing safety window • Mini exhaust fans

Power and control unit:

- Operating voltage – 100– 240V AV
- Power consumption – 200W • Air cooled
- Robust plastic case with integrated computer
- Weight(approx.) – 22kgs