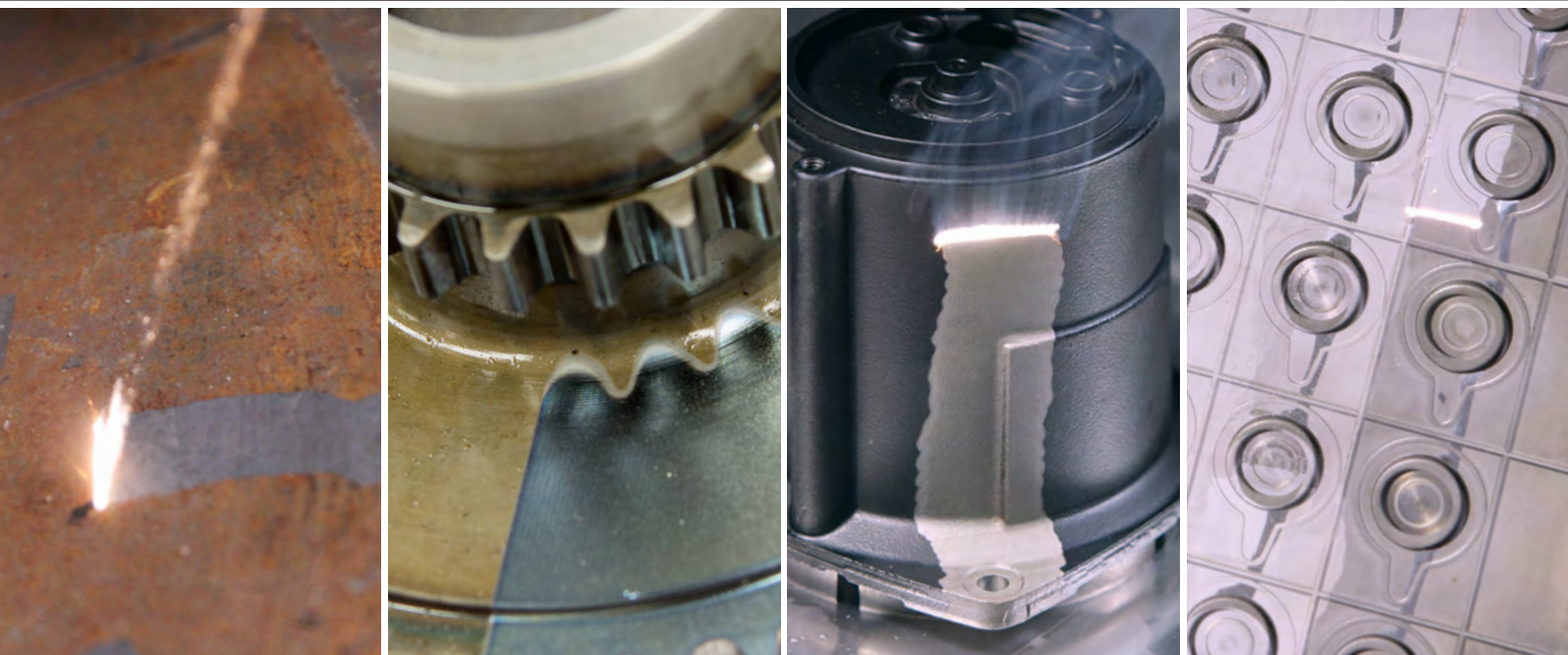


LASER | SYSTEME | SERVICES

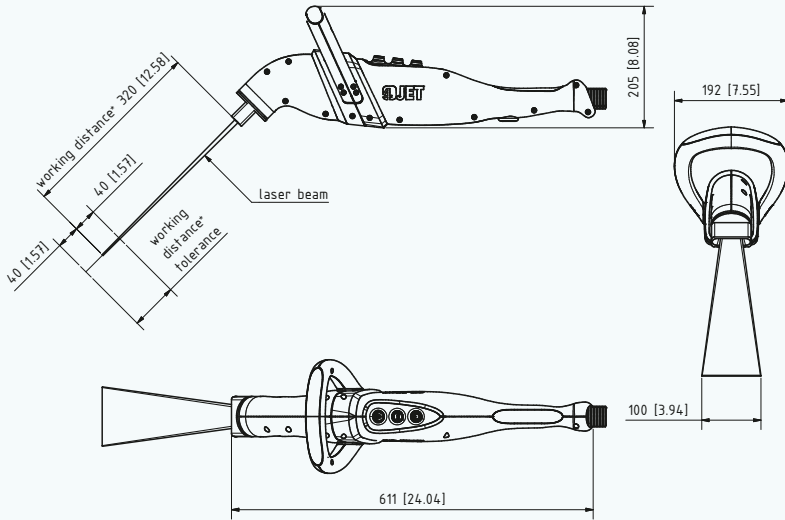
# 4JET

## JETLASER

Flexible Laser Cleaning

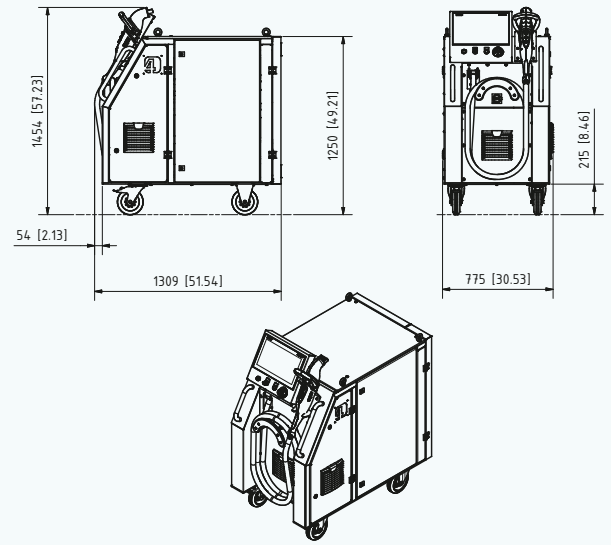


Devarnishing / Removal of Rust, Oil and Grease / Paint Stripping / Mold Cleaning



\* the drawn working distance and tolerance applies to a 200W laser with f=400mm lens

Handheld Device



Supply Unit

| JETLASER   |           | M200 / R200           | M500 / R500            |
|--|-----------|-----------------------|------------------------|
| LASER  | UNIT      |                       |                        |
| Laser Power*   | W         | 200                   | 500                    |
| Pulse Duration   | ns        | 100                   | 100                    |
| Laser Class  |           | Class 4               | Class 4                |
| Pulse Frequency  | kHz       | 20                    | 10                     |
| Pulse Energy   | mJ        | 10                    | 50                     |
| Wavelength   | nm        | 1064                  | 1064                   |
| ELECTRICAL DATA  | UNIT      |                       |                        |
| Power Supply   | VAC<br>Hz | 380-480<br>50-60      | 380-480<br>50-60       |
| Power Consumption  | kW max.   | 7,7                   | 7,7                    |
| MECHANICAL DATA  | UNIT      |                       |                        |
| Weight of Laser Head   | kg        | 7                     | 7                      |
| Weight of Supply Unit  | kg        | approx. 365           | approx. 365            |
| Working Distance   | mm        | 330                   | 105                    |
| Working Distance Tolerance   | mm        | ± 40                  | ± 25                   |
| Length of Cable Connection between Handheld Device and Supply Unit | m         | 3 (others on request) | 15 (others on request) |

\*Higher laser power on request

## SYSTEM FEATURES

- Optimized for manual use (**JETLASER M**) or integration with a robot (**JETLASER R**)
- Innovative approaches to ergonomics and worker safety by a symmetrical design
- Wide range of power levels
- Fibre-coupled, maintenance free solid state lasers
- Rugged mobile supply unit

## APPLICATIONS

- Cleaning of molds, tools and fixtures
- Paint and coating removal operations
- Pre-treatment of surfaces prior to welding, gluing or coating operations



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