



## SPI REDPOWER SP-400C

### Technical specifications

|                            |   |
|----------------------------|---|
| Manufacturer:              | SPI Lasers  |
| Designation:               | redPOWER SP-400C  |
| Condition:                 | very good   |
| Year of manufacturing:     | 2009  |
| Laser type:                | fiber laser   |
| Wavelength:                | 1070nm  |
| Operating mode:            | cw + pulsed   |
| Laser power:               | 400W  |
| Stimulation:               | diode pumped  |
| Beam quality (BPP):        | M <sup>2</sup> < 1.1 (single mode)  |
| Operating voltage:         | 240V AC   |
| AC frequency:              | 50 ... 60Hz   |
| Applications:              | cutting, welding, cladding  |
| Materials to be processed: | mild steel, high strength steels, stainless steel / CrNi, aluminium, titanium, copper / brass |



### Fiber cable

|                        |                  |
|------------------------|------------------|
| Fiber cable connector: | fiber collimator |
| Fiber cable length:    | 6m               |
| Fiber core diameter:   | 12µm             |

### Puls parameter

|            |              |
|------------|--------------|
| Puls rate: | up to 100kHz |
|------------|--------------|

### Description

water cooled, external water chiller required

**All listed systems are ready for demonstration at our location in Burgdorf. We are happy to perform a sample processing on your test components!**