



## LAR100 commercial affordable metal printer Makes metal printing available for everyone

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## LAR100 the first affordable metal printer

LAR100 was developed to print metal parts for affordable prices to make metal printing widely used in everyday production. Combining high precision optics and the world's best-known laser source with the affordable price it makes metal printing available not only for aerospace manufacturers but all types of prototyping bureaus and even series manufacturing of complex parts.

### Technical details

**Laser source:** Yb fibre laser, 200Wt

**Building volume:** Ø165 x 200

**Materials:** Steel, Aluminium and Titanium alloys

**Materials library:** Open interface allows to use custom materials

**Layer thickness:** 10-50um

**Inert atmosphere:** Argon

**Argon consumption (print/prepare):** 3/20 l/min

**Optics:** F-theta lens; galvo scanner

**Scanning speed:** up to 4m/s

**Slicing software:** Autodesk Netfabb ready

**Supported file formats:** common layer interface

**Interfaces:** Wifi, USB

**Power supply:** 220V, 2.4kWt

**Security:** password and physical key protection

**Mobility:** the machine is equipped with built-in wheels

**Powder containers:** 2 up to 3 litres

**Minimal powder volume:** 0.1l (manual feed), 0.8l (automatic feed)

**Dimensions:** 1500x1700x750mm

**Package size:** 1700x1800x900mm

**Weight:** 450kg

**Weight Brutto:** 510kg

**Recommended retail price: €69.900,-\***

\* Limited offer, regular price €85.000,-

