Let's optimize your production process with Dentas 3D Metal Printing.

Dentas
SIPRA BRAND

LMP100V3

ONE FOR ALL

- MATERIALS: **CoCr, medical and tool steel, nickel alloys, copper, gold, silver.**
- Also reactive metals like: **titanium, aluminium and magnesium, which are available in powder form, intended for printing.**
- **INTERCHANGEABLE BUILD CYLINDERS.**
- BUILDING VOLUMES: **ø50x100 mm - ø100x100 mm**
- LAYER THICKNESS: **15 - 100 µm, individually adjustable**
- LASER SOURCE: **200 W Yb - fiber laser**
- SCANNING SPEED: **7000 mm/s**

We are from Europe, but our machines are everywhere.

Access to comprehensive solutions at your fingertips.

LMP100V3

ONE FOR ALL

- MATERIALS: **CoCr, medical and tool steel, nickel alloys, copper, gold, silver, titanium, aluminium and magnesium, ...**
- **INTERCHANGEABLE BUILD CYLINDERS**
- **100 CROWNS** in less than 5 hours
- **LOW POWER CONSUMPTION**
- BUILDING VOLUMES: **ø50x100 mm - ø100x100 mm**
- LAYER THICKNESS: **15 - 100 µm, individually adjustable**
- LASER SOURCE: **200 W Yb - fiber laser**
- SCANNING SPEED: **7000 mm/s**

LMP200

ONE FOR ALL

- MATERIALS: **CoCr, medical and tool steel, nickel alloys, copper, gold, silver, titanium, aluminium and magnesium, ...**
- **INTERCHANGEABLE BUILD CYLINDERS**
- **100 CROWNS** in less than 5 hours
- **LOW POWER CONSUMPTION**
- BUILDING VOLUMES: **ø50x100 mm - ø125x100 mm**
- LAYER THICKNESS: **15 - 100 µm, individually adjustable**
- LASER SOURCE: **200 W Yb - fiber laser**
- SCANNING SPEED: **7000 mm/s**

LMP100

- MATERIALS: **CoCr, medical and tool steel, nickel alloys, copper, gold, silver.**
- **LOW POWER CONSUMPTION**
- BUILDING VOLUMES: **ø90x70 mm**
- LAYER THICKNESS: **15 - 50 µm, individually adjustable**
- LASER SOURCE: **100 W Yb - fiber laser**
- SCANNING SPEED: **7000 mm/s**

ARROW PROTECT SIVE

Is made for save and handling reactive metal powder.

Arrow Protect Sieve is made to ensure sieving in protective environments with as little as 0,1 % oxygen.

To make sure that the powder quality remains undisputed and ready for re-usage.

- **ULTRASONIC SIEVING SISTEM**
- **ADDITIONAL STORAGE CHAMBER**

ARROW PROTECT THERM

A furnace constructed for sinter metals and thermal stabilization annealing, which is possible because of the use of inert gas.

- MAXIMUM TEMPERATURE **1300°C**
- GAS MINIMUM **1 bar at 0,7 l/min**
- CAPACITY: **one bowl of Ø 110 x 45 mm**
- HEATING RATE: **1-60°C/min**

ARROW VACUUM THERM

KERA S-POWDER CoCr

Dentas
SIPKA BRAND

www.dentas.eu