





# Bercella srl

Italy @ CERN 2018



additive manufacturing

# New composite projects



Confidential 2



additive manufacturing

### New investment on metals

#### Electron Beam Melting EBM

The electron beam melting temperatures range between 700°C and 1400°C. EBM works materials such as Titanium Aluminide (Ti-Al), titanium-niobium powder alloys.



Titanium grade 5 - Ti6Al4V

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## New investment on metals

#### Direct Metal Laser Sintering DMLS

This technology builds fully dense, almost 100%, components, from numerous alloys and metals including Steel 316L, Steel 7-4 PH, Chromo-Cobalt, Aluminium AlSi10Mg and Titanium grade 5 Ti6Al4V.

We offer additive manufacturing of Inconel 718-625 parts: it is a <u>super alloy</u> with superior mechanical properties, corrosion and high temperature resistance.



Chrome-Cobalt MP1

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