



PROTOTYPING

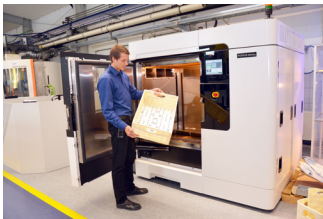
FOR HIGHER PRODUCTIVITY



haidlmair.at

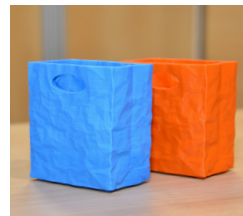
HAIDLMAIR 3D-PRINTERS:

- Build envelope: 914 x 610 x 914 mm
- Materials: ASA, nylon 12 (for flexible applications), more upon request
- Material colours: Ivory, black, dark grey, light grey, red, blue, green, orange, yellow, white
- Layer thickness (Slices): T12 nozzle: 0,17 mm, T16 nozzle: 0,25 mm, T20 nozzle: 0,33 mm
- Accuracy: min. +/- 0,5 mm



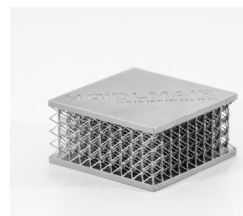
**STRATASYS
FORTUS
900MC**

- Build envelope: 203 x 203 x 152 mm
- Material: ABSplus
- Material colours: Ivory, white, black, stell grey, red, blue, orange, olive green, neon yellow
- Layer thickness (Slice): 0,25 mm
- Accuracy: min. +/- 0,1 mm



**STRATASYS
UPRINT
SE PLUS**

- Build envelope: 250 x 250 x 350 mm
- Materials: Hot work steel, stainless steel, aluminium alloys, titanium alloy, cobalt chromium alloy, nickel-base alloy (Inconel), ...
- Layer thickness: 20 - 80 µm
- Production speed: 2 - 35 cm³/h (depending on material / laser power)
- Laser: 2 fibre laser each with 400 watt



**CONCEPT
LASER M2
CUSING
UP1**

3D-DRUCK FOR HIGHER PRODUCTIVITY

Haidlmair stands for "Higher Productivity". With a Haidlmair mould you will not only be supplied with forming precision, but with an injection mould that renders more profit including all additional Haidlmair services integrated in an all-round carefree package.

Already prior to the start of mould manufacturing Haidlmair offers you the opportunity to have your product printed as a 3D model. By doing so, optimisations of the production process can be recognised at an early stage, which makes your product perfect.

Haidlmair has capacities in metal and plastics 3D-printing:

■ **Plastics:**

Haidlmair has the largest 3D-printer presently available on the market using the FDM technology. This allows to manufacture prototypes of your products up to large-size crates.

Additionally a smaller version is part of the Haidlmair machinery. With this version it is possible to print smaller products and scaled models cost and time efficient.

■ **Metal:**

In addition to our capacities in plastics 3D-printing Haidlmair has now a 3D-printer for various types of metal.

Additionally to the high quality and cost efficient contract manufacturing for various industrial sectors (aviation- & aerospace industry, car manufacturing, medical engineering and many more) we produce parts for Haidlmair-moulds to increase the possibilities of conformal cooling. Additionally it is possible to use wear-resistant materials at critical cooling areas and there are new ways for inserts insulation. All these lead to a maximisation of the mould performance.

We look forward to offering you our custom-tailored job order packages.

Please contact your advisor at Haidlmair for more information!

REDESIGN FOR MANU- FACTURING



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