



# TRACTOR CAB

## MANUFACTURED WITH THE 3D-DRUCKER PRINTER

**Walter Mauser GmbH used the HAGE3D FDM machine to manufacture prototypes for its CAB 2020 project. The Austrian manufacturer produces cabs for a range of different vehicles. It sets great store by 'delivering the best quality in the shortest time possible,' explains Wolfgang Szedenik, Head of Research and Development.**

The CAB 2020 project seeks to create the ultimate cab for agricultural and construction vehicles. Walter Mauser GmbH used a 3D printer from HAGE3D to manufacture the prototypes.

A large installation space, rapid system availability and short response times for support were the crucial parameters when deciding to purchase a 3D printer. With those in place, HAGE3D was selected. 'The HAGE3D features a construction platform in DIN A2 format with a height of 290 mm, which roughly corresponds to a 70 l construction volume. As an Austrian manufacturer from Styria, we were thus able to assert our position – not just in respect of suitable dimensioning – but also in terms of proximity and response time,' explains Thomas Janics, Managing Director of HAGE3D.

In addition to a modern design, the functionality of the cab was also important to Walter Mauser GmbH. Before manufacture of the driver's cab, certain components, including door handles, were additively manufactured, although by external service providers. The company had increasingly come to rely on additive manufacturing and had grown unwilling to hand over its own developments to external companies,

so it decided that the time had come to invest in its own 3D printer. In selecting the machine, a large installation space and rapid system availability were key criteria.

'Our decision to invest in our own additive manufacturing machine and to have HAGE3D as a partner is undoubtedly a step in the right direction when looked at from today's perspective. It does of course require introductory training and a certain basic technical understanding to familiarise yourself with the technology and a competent partner is vital. Still, the possibilities that we have seen have already impressed us,' explains Martin Horvath, Project Engineer.



# HAGE3D