Release Notes:
Senvol Database™ Data Module
for GRANTA MI

May 2016 Release

Introduction

The **Senvol Database**[TM] is the first and most comprehensive source of suppliers' data on industrial additive manufacturing (AM) machines and materials. This will enable you to quickly find and compare the performance of AM materials and machines, and understand the dependency between material and machine, in this rapidly growing industry focused on the production of low volume, highly complex and custom parts.

What's new in this release?

This first release of the **Senvol Database™** data module contains:

- Data on over 700 materials processed by additive manufacturing—includes information on both the feedstock and processed material. Covers ceramics, composites, metals, polymers, sands and waxes
- Data on over 500 industrial machines—includes information on the specific machine configuration, including build envelop size, machine size, price, achievable layer thickness and installation requirements. Covers the main industrial additive manufacturing processes, including; Binder jetting, Direct energy deposition, Material extrusion, Material jetting, Powder bed fusion, Sheet lamination and Vat polymerization
- Material datasheets are linked to datasheets for compatible machines.

How can accessing or installing this release help you?

The **Senvol Database™** data module will enable you to compare the performance of AM materials and machines and investigate how the combination of AM process, feedstock material, machine model and post-processing influence the final performance.

For example, you will be able to:

- Compare the performance of the same material produced on different machines
- Select materials based on material type, performance, AM process, and machine model
- Select machines based on AM process, material type, component size, machine cost and machine manufacturer

System requirements

This release of the **Senvol Database™** data module is compatible with GRANTA MI Version 8.1 or later.

For detailed system requirements and instructions on installing GRANTA MI reference databases, see the installation documentation for your GRANTA MI release.

Further information and contact details

Additional information about this data module is available on the Granta Design website here: http://www.grantadesign.com/products/data/senvol.htm

If you have further questions, please get in touch via the Granta How to Contact Us page.