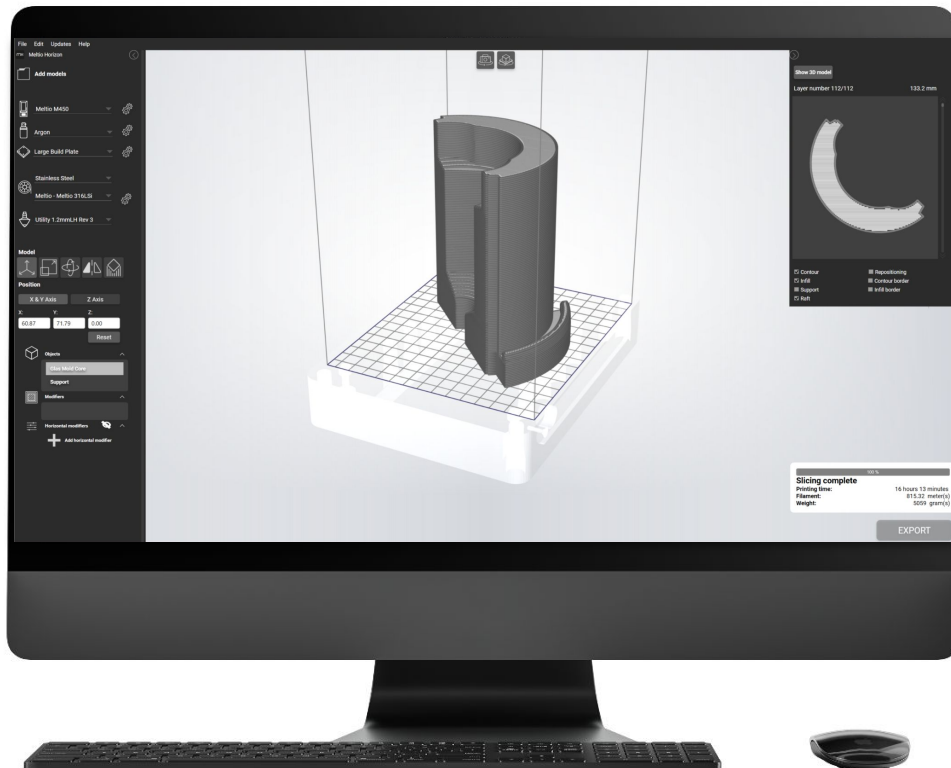MELTIO

Meltio Horizon

Meltio M450 3-Axis toolpath generator

Meltio Horizon is a proprietary slicer that ensures a fully tailored customer experience around our plug-and-play metal 3D printer, the Meltio M450 with its own unique features and custom-developed Meltio print and material profiles included.

Value Proposition Main Features

Easy-to-use:	Only settings relevant to Meltio's laser-wire metal 3D printing process are available. Also, specific settings are explained to make getting started with the printing process as smooth as possible.
Tailor-made to laser-wire:	Made to measure for Meltio's wire-laser metal 3D printing process as well as it also comes with built-in profiles for the Meltio Materials.
Combined material profile:	Previously split between printer and slicer - now everything is part of the slicer.
Custom build plates:	Select the right substrate right from the slicer depending on the part size. Build plates can be defined by the user and stored as presets. The machine workspace adjusts automatically, notifying the user if a selected build plate is too small.
Project files incorporated:	The complete project file, consisting of the model file, workspace, build plate as well as gas and material profiles can be conveniently stored and shared.

Main Features

2 Seats per license:	Each license comes with two seats for installation on two separate computers.
Tailor-made to laser and Dual-wire:	Made to measure for Meltio's wire-laser metal 3D printing process as well as it also comes with built-in profiles for the Meltio Materials and is fully compatible with our dual wire printing technology.
Custom gas profile:	Configure your gas source and cost directly within Meltio Horizon. Flow rates are defined within each material.
Custom build plates Work spaces:	Select the right substrate right from the slicer depending on the part size. Build plates can be defined by the user and stored as presets. The machine workspace adjusts automatically, notifying the user if a selected build plate is too small.
Project files incorporated:	The complete project file, consisting of the model file, workspace, build plate as well as gas and material profiles can be conveniently stored and shared.
Hotwire Compatible:	Make Full use of Meltio Hotwire features directly from the slicer and configure different sections of the build for quality and speed.

PC Requirements

Operating System:	Minimum: Windows 7 - Recommended: Windows 11
Processor:	Minimum: Intel Core I5-4200H - Recommended: Intel Core I7-11800H
Hard Disk Space:	Minimum: 1GB available - Recommended: 5GB Available
RAM:	Minimum: 4GB - Recommended: 8GB Available
Display Resolution:	Minimum: 1920 x 1080 pixels - Recommended: 2560 x 1140 pixels

PC Requirements

Meltio M450:	Meltio Horizon is fully compatible with the Meltio M450, including its Hotwire and Dual Wire capabilities.
Meltio Engine Robot Integration:	Meltio Horizon is not compatible with the Meltio Engine. Please See "Meltio Space"
Meltio Engine CNC Integration:	Meltio Horizon is not compatible with the Meltio Engine.