



# Print Directly on 3D Surfaces

Exploit new  
product design  
and structure  
options

Use normal plastic  
with good mechanical  
properties and wide  
color range or even  
as transparent

Benefit from  
low cost  
micron particle  
silver ink

Print prototypes  
quickly in your  
own R&D

Produce  
in-house  
with simple  
logistics

[www.fluidant.com](http://www.fluidant.com)

FluidANT is trademark registered in the US Patent and Trademark Office.



## FluidWRITER IV R&D

Tabletop model with one rotation axis

Designed to provide affordable entry option to printing and printed product development. The same capability to print on 3D surfaces as in production model but with limited max printing speed and only one rotation axis for fixtures to hold the parts to be printed on.

- **Print work area**  
 300 x 140 x 140 mm (one rotation axis)  
 500 x 350 x 190 mm (open table)
- **Max printing speed 50 mm/s**
- **Printer weight 200 kg**

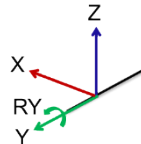


## FluidWRITER IV

Production model with two rotation axis

Designed for high speed and high precision production operation with capability to print on 3D surfaces. Printhead is on linear XYZ motion system and printhead operation is real time synchronized to actual motion which makes system capable to very precise dosing in high speeds. Printed line width and thickness remain stable in all situations. Unique digital 3D offset setting together with advanced control SW enables accurate printing on rotary three dimensional surface. Two rotation axis for fixtures to hold the parts to be printed on.

- **Print work area**  
 300 x 160 x 160 mm (two rotation axis)  
 650 x 480 x 350 mm (open table)
- **Max printing speed 200 mm/s**
- **Printer weight 1250 kg**
- **Print orientation freedom: 4D**



## SurfCAM with FluidANT customization



FluidWRITER IV print work is designed with the well-known SURFCAM 2015 equipped with FluidANT user interface customization to serve print work designing purpose. Design tool utilizes easy to use FluidWRITER IV post-processor for toolpath data generation.



**3D capability**  
 One part fixing enables access to four sides of cube with fixed tool orientation.

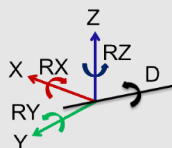


## FluidWRITER III

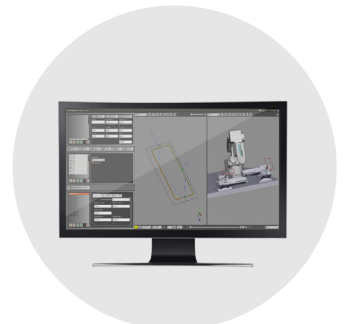
With two rotation axis

Designed for both prototyping and production use with ultimate 3D capability. Printhead is on six axis industrial robot and two rotation axis with fixtures for parts to be printed on.

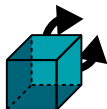
- **Print work area 260 x 150 x 150 mm**
- **Max printing speed 100 mm/s**
- **Printer weight 830 kg**
- **Print orientation freedom: 7D**



## FluidPATH



FluidWRITER III print work is designed with tailor-made Fluid-PATH CAM design software, which includes purpose developed advanced tools for pattern and circuit print programming, real printer environment based integrated simulation and build-in file transfer management.



**3D capability**  
 One part fixing enables access to five sides of cube with desired tool orientation.