



3D Disto Software
for Windows®

Leica 3D Disto

Tutorial

Projector for experts:
Surfaces & Projections



- when it has to be **right**



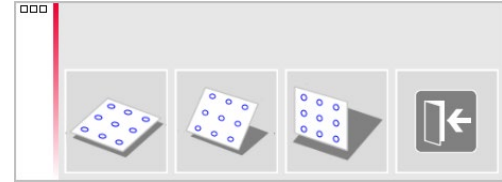
Projector for experts

Surfaces & Projections

The Projector offers 3 working area options:

- horizontal
- vertical
- slope.

For standard situations you don't need to know more.



Experts should consider the following in case of complex situations, such as

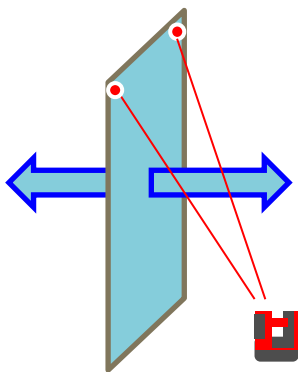
- multiple surfaces
- tilted surfaces
- curved surfaces
- irregular surfaces

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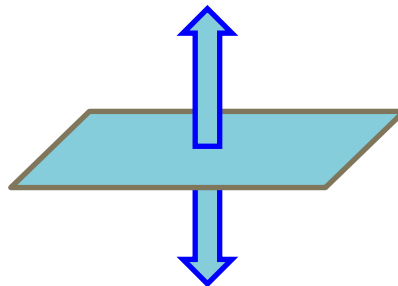
Surfaces & Projections

For a better understanding:

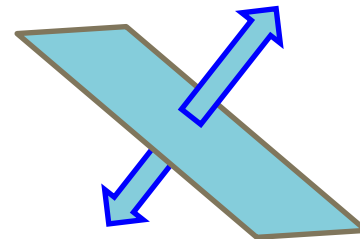
The 3 option's main effect is to define where the projection goes:



Working area option
«vertical»:
projection goes horizontal



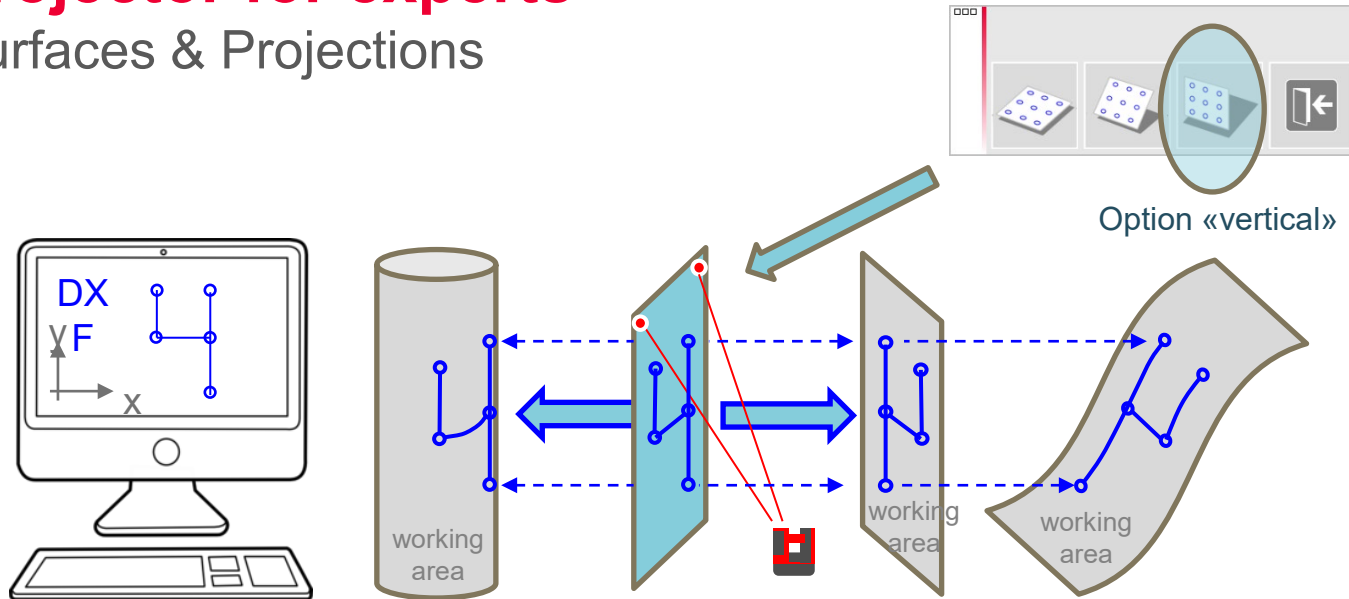
Working area option
«horizontal»:
projection goes vertical



Working area option
«slope»:
projection goes slope

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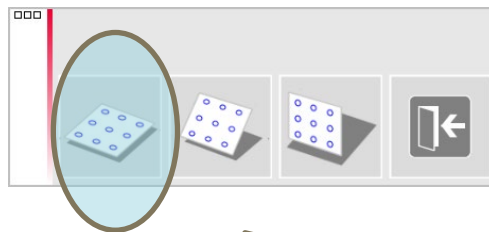
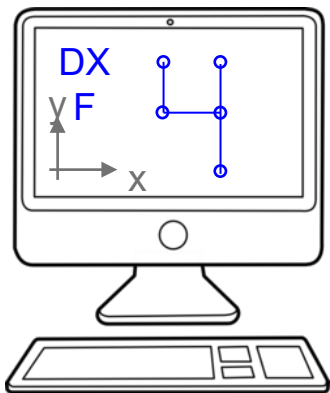


- The projection goes strictly horizontal.
- The 3D Disto's position and the working area's geometry don't matter.
- The projection will be distorted if the working area is curved or tilted.

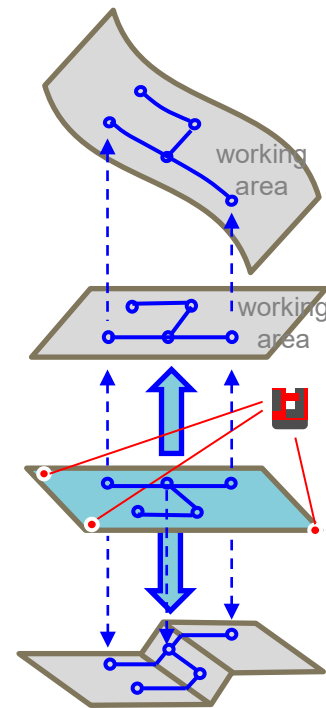
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Option «horizontal»



- The projection goes strictly vertical.
- The 3D Disto's position and the working area's geometry don't matter.
- The projection will be distorted if the working area is curved or tilted.

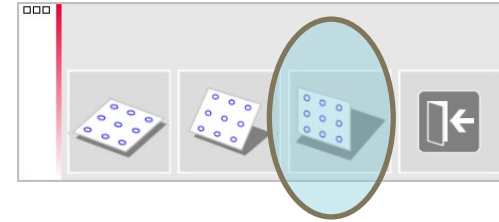
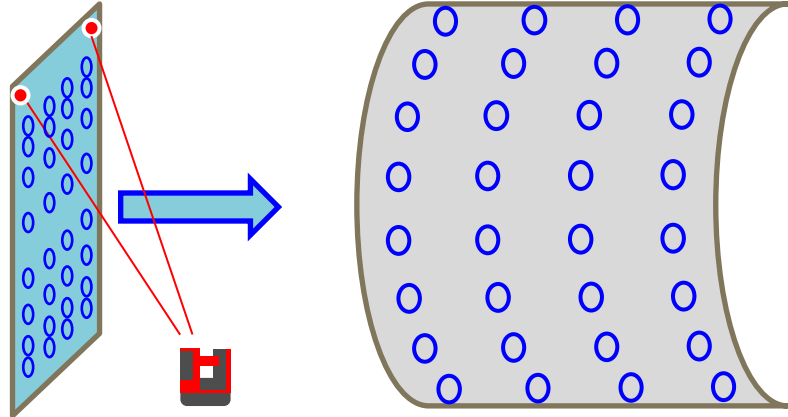
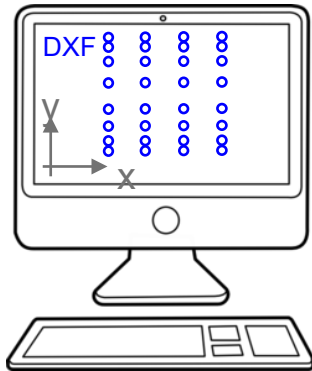


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Surfaces & Projections

Be sure to prepare the design data according to projection and surface.

It can be necessary to create distorted data to get a proper projection on an uneven surface.



Leica 3D Disto

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