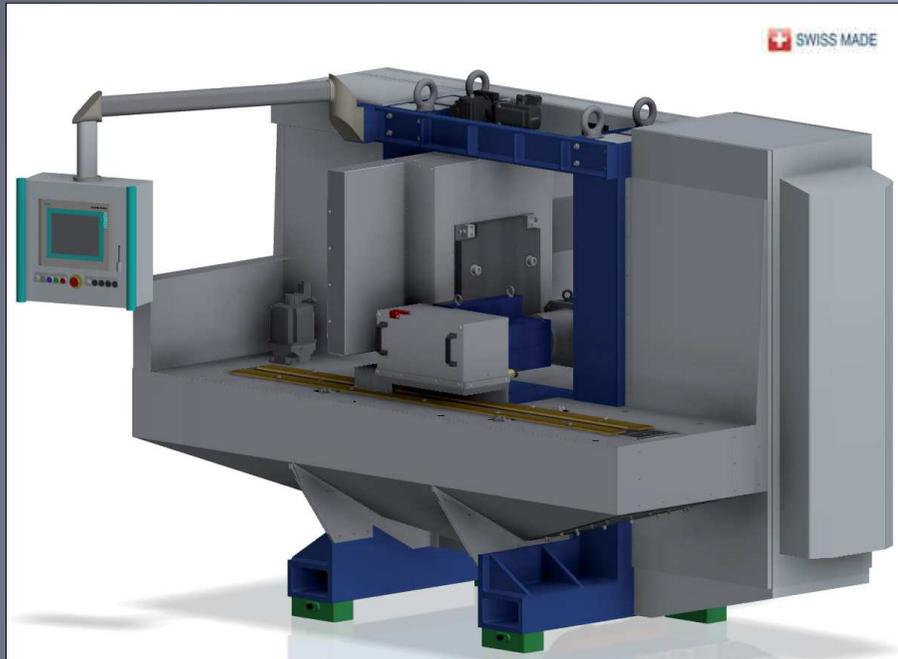
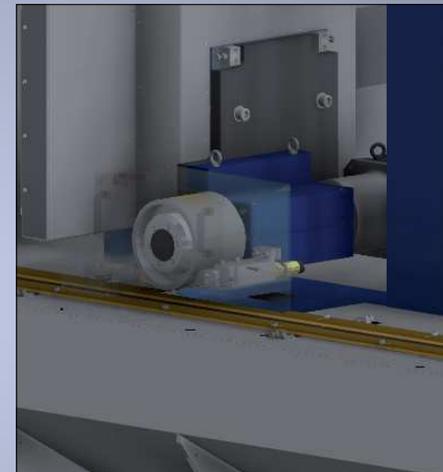


# SIEGFRIED 180/500

Tangential continuous through feed grinder equipped with 1 horizontal spindle



## Horizontal spindle



## Performances

- Resolution 0.001 mm
- High performance spindles, direct drive
- Modular rigid steel frame combined with prestressed concrete
- Measurement and automatic servo
- Automatic, semi-automatic or manual loading

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# LINEAR ABRASIVE

## Technical specifications

|                                      |                   |                         |                     |
|--------------------------------------|-------------------|-------------------------|---------------------|
| Number of spindles                   | 1                 | Abrasive tools          | CBN/diamond/Al2O3   |
| Spindle (mm)                         | 2x $\phi$ 200x500 | Grinding wheel (mm)     | $\phi$ 500          |
| Z-axis infeed (mm)                   | 120               | Infeed (mm/min)         | 0 - 6000            |
| Direct spindle drive (rpm)           | 0 - 3000          | Electrical control      | Siemens S7/1500/TIA |
| Power (kW)                           | 15                | Total weight (t)        | 3.5                 |
| Width of machinable parts max. (mm)  | 170               | Stock removal max. (mm) | 2                   |
| Height of machinable parts max. (mm) | 100               | Resolution (mm)         | 0.001               |

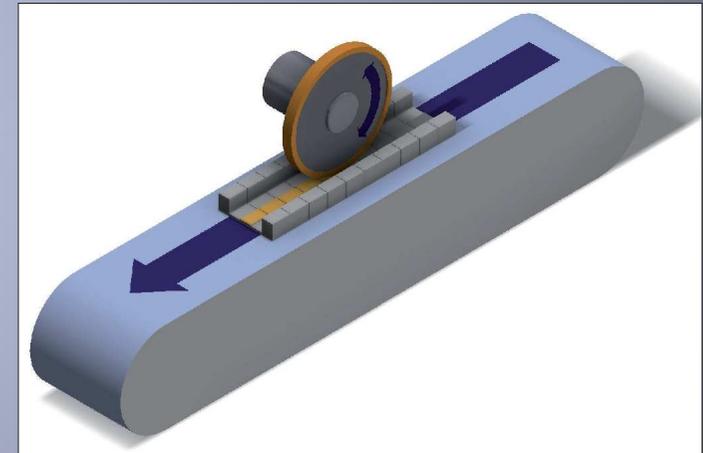
### Technologie 1H:

Continuous through feed profile grinder equipped with 1 horizontal spindle

Simple operation

Highly productive method for continuous through feed machining of surfaces, using corundum, diamond or CBN cup wheels.

Transported by a highly resistant composite belt, held by magnetic attraction (by mask or template for parts of non-magnetic material) the parts are guided between rails and pass beneath the grinding wheel. Controlled process and part program provide optimum performance.



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