

17.10.2025

Entry for "The 38th Precision Sheet Metal Technology Fair"

See ENTRY FORM for product name:

- Conexius.w - Raumteiler (room divider)*

Technical point of process

The sent part is the scaled noise barrier for offices (see the attached photos). It is part of the product program of Mauser Einrichtungssysteme, a leading manufacturer of office furniture.

It has 5.452 holes and a process time of 16min. each. That means 6 holes per second.

Until the installation of the new Ventis 3015 AJ, 4 KW (automated with ASF EU and TK II) the parts were produced on the the punching machine EMK 3510 with a cluster tool.

After the production on the punching machine the part has to be straighten before it can be continued processed on the bending machine (EP 2500 or HG 100.3 ATC).

After the installation of the Ventis 3015 AJ, 4KW Mr. Winkler tried to produce this part with the LBC Flash Cut fully automated on the fiber laser.

The original part consists of 65.000 holes which are cut in 3 hours. The process time is slower than on the punching machine, but the straightening is not necessary and the quality of the holes after powder coating is much better. In addition it is cost saving, because the abrasion of the cluster tool is very high and the maintainance is time consuming.

It is very good example of the advantage of our LBC technology.

Best regards

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