Pipe Laser Cutter

Dinex only aims for the best products. This has also huge impact on the way how the exhaust parts are produced in-house. So why cut the pipes manually, if it can be done better on an automatic laser cutting machine?

Therefore, Dinex has a full automatic laser cutting machine at the production facilities in Latvia. This is to speed up the production process without going on comprise on the quality. The machine will be able to make very simple cuts, but also complex cuts to fore example the mixer pipes in the EURO 5 exhaust systems. The benefits by using an automatic laser cutting machine are pretty easy to find:

- Production optimization with less operations
- "No scrap" technology for better use of the material, and to minimize the scrap in the process
- Precise and clean cuts to achieve high OE quality

Facts about the machine:
The model is called Adige LT5, and are mounted with a fiber laser source on 1 kW. The machine can operate with materials like mild / stainless steel, aluminum, copper, brass and galvanized steel in diameters from 36mm up to 152,4mm. The workload capacity is 13,5kg/meter and with lengths up to 6,5 meters.

Component for EURO 5 silencers. This part is made on pipe laser substituting saw cutting, drilling and milling operations previously required in production of this part. It is a high-runner amongst EURO 4/5 silencer components.