FROM AXIAL TO RADIAL -VENTILATION TECHNOLOGY AT LTI

You come to us with an idea for a product or an application in the field of ventilation technology. We provide you with advice in terms of manufacturing technology, look for the best solution in relation to the design and offer you the optimum realisation in production. Thanks of the entire sheet metal technology, almost any customer requests and market requirements can be fulfilled.

We have the right manufacturing technology available in our company, not just in tunnel and garage ventilation (JetFan) with product diameters of up to 3,000 mm, but also for air ducting in heat exchangers and housings for other air conditioning and ventilation units.

Specifically for radial fan wheels we have the corresponding tool technology and high-speed presses available in our company, in order to cover the entire range of ventilation technology up to a diameter of 1,200 mm, even with variable quantities.

Our in-house chamber test rig according to DIN EN ISO 5801 and the spin test rig for speeds up to 6,000 rpm are special features of the process monitoring.

We offer our own LTI-Fanwheels design programme to provide design support for radial fans (www.lti-fanwheels.de).



CHAMBER TEST RIG > Testing of fan wheels according to DIN EN ISO 5801



DESIGN > Data exchange formats: PDF, tiff, STEP, Parasolid, IGES, ACIS



FORMING/ROUNDING > Up to a diameter of 3,000 mm



SURFACE TREATMENT > 250 powder colours and qualities in stock



CNC SHEET METAL TECHNOLOGY > Punching, laser cutting, bending/edging, deburring/levelling



> Laser w



PRESSING > Pressing force up to 650 tons





WIRE PROCESSING
> Individual wire bending technology in combination with innovative welding technology



WELDING TECHNOLOGY

Laser welding, robot and longitudinal welding, stud and spot welding, manual welding



ASSEMBLY > Mechanical, mechatronic and electrical assembly



QUALITY

Our certificates: DIN EN ISO 9001:2015, DIN 50001:2011, DIN 2303, DIN EN 15085-2, DIN EN ISO 3834-2, DIN EN 1090-2