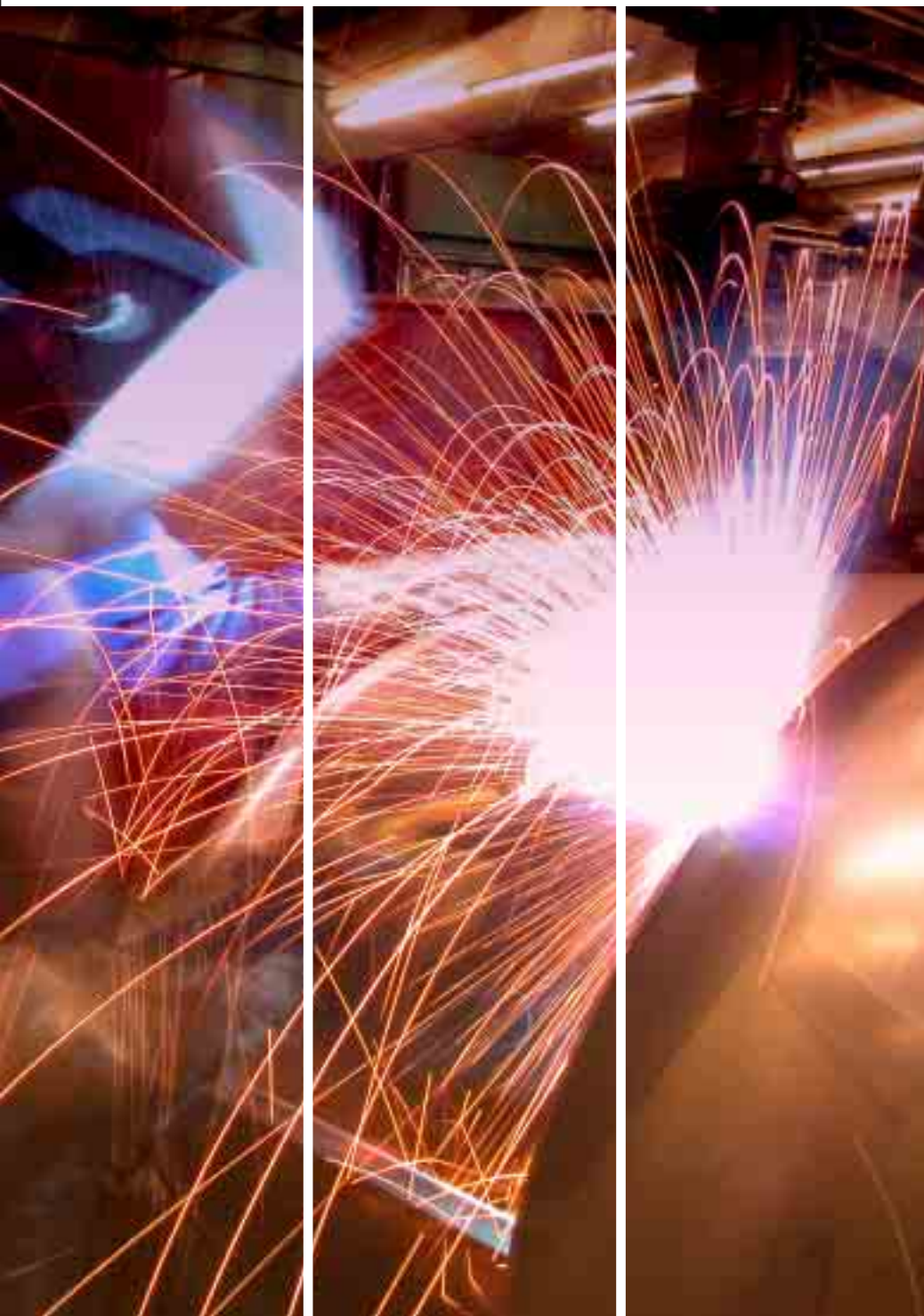




Standard Fans

Range of products

- ▲ Smoke exhaust fans
- ▲ General ventilation fans
- ▲ Air-heaters
- ▲ Industrial components



TLT-Turbo GmbH



Your partner for fans. in the field of techn

2) When it comes to preventive fire protection, airport companies all over the world trust in TLT smoke exhaust fans

For more than 175 years we have been substantially participating in the development of ventilation engineering with our pretentious product range.

By our numerous pioneering steps and trend setting product developments we again and again offer our customers marvellous products.

Our competence reflects in our sophisticated products. While taking into account every economical aspect we develop innovative technical solutions.

Especially in the field of preventive fire protection and the corresponding smoke exhaust fans for mechanical smoke extraction we again and again set standards.

Technical building equipment

Our self understanding is to be a partner to companies active in the field of technical building equipment.

TLT smoke exhaust fans offer greatest security. They all have been tested according to EN 12 101 part 3 at the Munich Technical University and admitted to the Building Rules List of the German Institute of Building Technology (DIBt).

Our fans and systems can offer the optimal solution for nearly every application. We are at your disposal for professional help and support in finding solutions for your problems.

We would like you to be successful with our products.

Udo Jung, Head of Business Unit Standard Fans



For more than 125 years
fans



ears



TLT Bad Hersfeld works

from Bad Hersfeld

Tradition and progress

When Benno Schilde and August Büttner, independently of each other, founded their factories in 1874, none of them probably thought that 125 years later Bad Hersfeld would host one of the most modern production facilities for fans.

Starting from the "exhaustors" that in the beginning were mainly made of cast-iron and that afterwards because of the use of steel sheets became much lighter and cheaper, our engineers developed fans of highest quality and reliable technique.

This tradition developed into a very successful company with innovative products. Our fans are used in a variety of versions in nearly all industrial branches.

Today TLT offer a complete range of products for the technical building equipment sector, fire protection, ventilation, heating and industrial applications.



TLT R&D facilities

Quality in the produ



Production process



Safe, reliable and economical

Above all there is the quality of our products. Our efficient and modern production process and highly qualified staff guarantee highest possible quality.

Research and development continue optimising our products. Our customers take profit especially from the high operational safety and efficiency of our fans and systems.

TLT-Turbo GmbH hold all important national and international quality certificates. Each and every fan undergoes an intensive test run acc. to DIN ISO EN 9001 before leaving our factory.

We not only want to be good but also efficient. We not only want to be up to our customers' expectations but think ahead. Also in future we will care for TLT products to hold a worldwide top technological position.



from A to Z

Research, Development and Quality Assurance



We set s



Edward Jaworski, production

More security by quality assurance

Our quality assurance system guarantees the same high quality level for all products with regard to material, working process, technique and functionality as well as to application- and operational safety.

Product quality is decisively influenced during its development already. This is why our quality assurance already starts at that stage.

Our staff understand quality as being an integral part of their daily work. Important part of their task is the daily control of our quality assurance system and its update if necessary. Only this way its permanent quality can be guaranteed.

Our quality management acc. to DIN ISO EN 9001 guarantees that all material processed and all parts, components, products and systems produced completely fulfil all stringent requirements at any time.

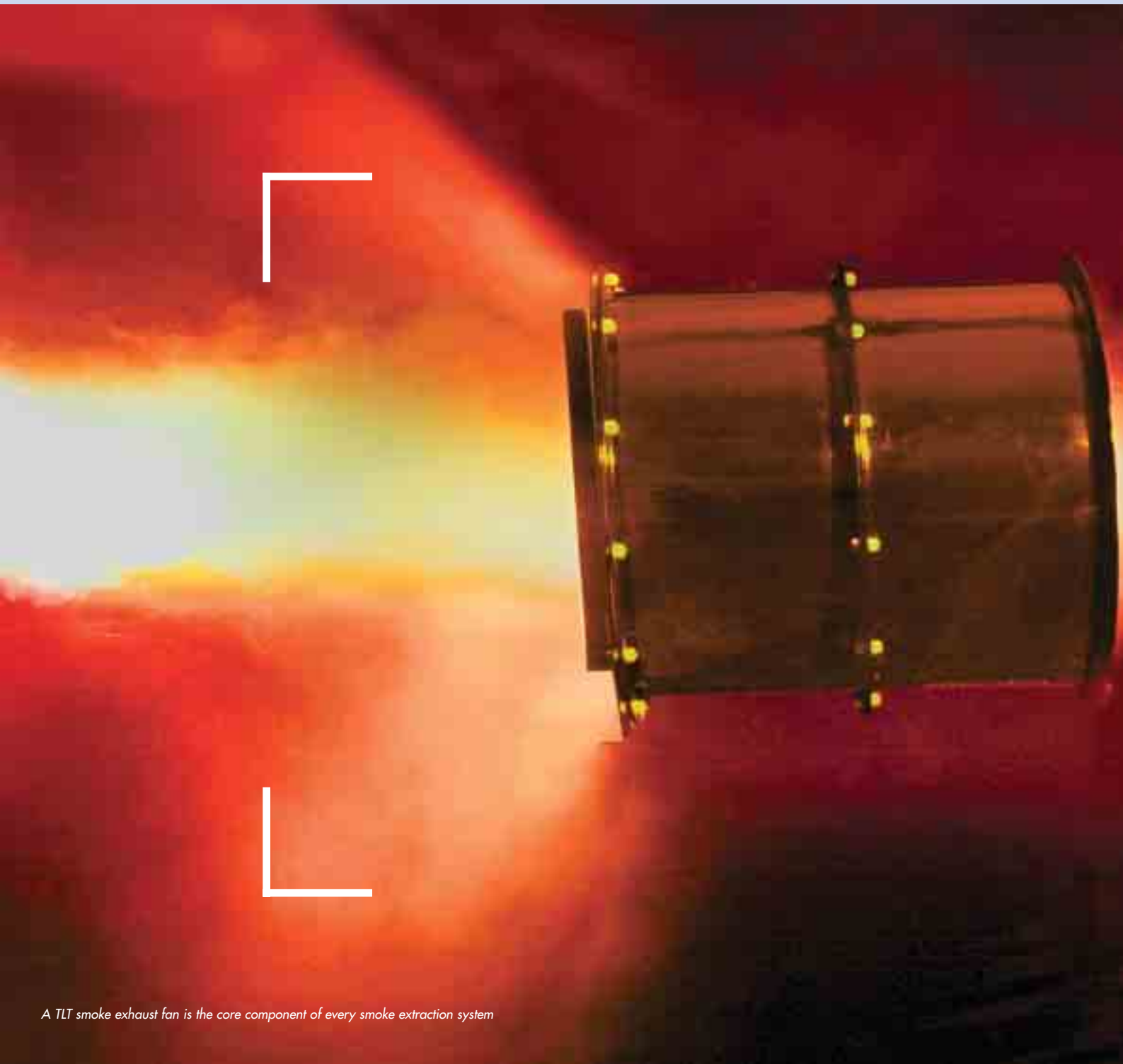
We of course abide to all national and international standards and laws as well as to all contractual obligations.

standards



Elke Meisinger, Procurement

TLT Smoke exhaust fans



A TLT smoke exhaust fan is the core component of every smoke extraction system

for pre



Smoke extraction in case of fire in buildings

Depending on the nature of the source of the fire smoke may be very toxic. On top, enormous volumes of smoke may fill a room in just a few minutes and thus hinder the rescue of human beings as well as fire-fighting activities.

With our smoke exhaust fans you can very quickly and efficiently control and extract this dangerous smoke from the premises.

TLT smoke exhaust fans are approved and secure. They have been tested by the Munich Technical University acc. to EN 12 101 part 3 and admitted to the Building Rules List of the German Institute of Building Technology (DIBt).

- roof-mounted smoke exhaust fans
- axial smoke exhaust fans
- wall-mounted smoke exhaust fans
- centrifugal smoke exhaust fans
- comprehensive range of accessories



TLT smoke exhaust fans are available for 200°C, 300°C, 400°C, 600°C/120 min.

TLT is a member of the German Smoke Extraction Association (AGE). The AGE introduces the subject of an all comprehensive smoke extraction into the concept of preventive fire protection and informs about conceptional and technical news in the field of smoke extraction from buildings.



The suitable fan

Air supply and -exhaust to and from buildings

Centrifugal roof units offer a simple and very competitive kind of mechanical ventilation. They may be used for decentralized as well as centralized air extraction.

TLT centrifugal roof units may be found where used or polluted air has to be extracted from industrial or commercial premises as well as in houses where they serve for normal air extraction.

Equipped with silencers our acoustically optimised fans fulfil the highest requirements for low-noise service.

-
- Roof units
 - Axial fans
 - Centrifugal fans
 - Plastic fans
 - comprehensive range of accessories
-



Roof unit, Budapest airport





for any application

Components for the



TLT roof mounted heat recuperator on a factory roof

air-heating market



Heating Buildings

Especially requirements for industrial components used in air-heaters have increased constantly.

Our products set new standards with regard to acoustic, power requirement and design.

Heat recuperation may be very efficiently realized with the help of our roof mounted heat recuperators.

TLT air-heaters Thermon® , renowned for their compact design, are available in different versions and with a large range of accessories.

They are mostly used in commercial premises as e. g. shops, show-rooms and shopping-malls, open-plan offices, restaurants and so on, but also in industrial premises.

-
- Air-heaters
 - Roof mounted heat recuperators
 - Controls and accessories
-





**Components for the me
market**

Partner for mechanical contractors

Working closely to our customers paired with comprehensive knowledge of fluid mechanics, acoustics, production and tests of newly developed appliances on our test rigs make TLT the ideal partner for mechanical contractors.

mechanical contractors'

From our range of fans we developed components for industrial applications.

Our clean room components are being used in micro-electronics, medicine, food-technology, pharmaceutical industry, automobile production as well as in the optics and clean room industry.

Our experience in fans integrated into drying equipment lead to the development of plug-in fans for the most diverse application concepts.

It was the use and production of impellers that made us develop "free-running impellers", showing very high efficiency rates, and in a next step centrifugal plug-in fans.

These plug-in fans are very successfully used in air handling units and dryers, but also in wagons, locomotives and ships.

• Clean room components	
• Impeller sets	
• Centrifugal plug-in fans	

Product Range

Smoke Exhaust Fans

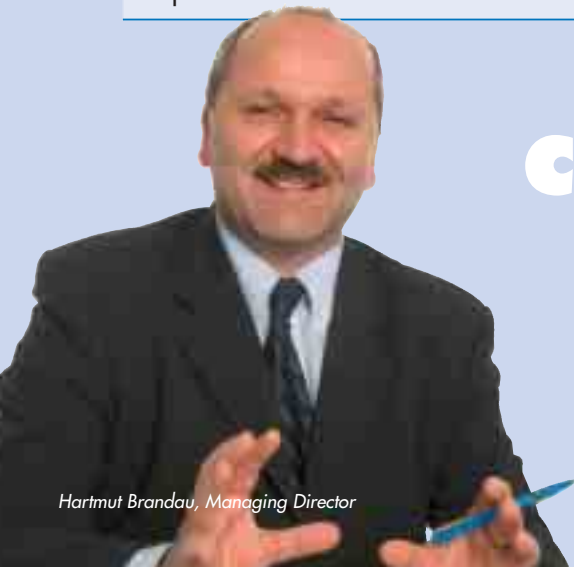
Type	Series	Sizes	V (m³/h)	Pressure (Pa)	T (°C)
Centrifugal roof units	BVD	7	1.000 - 52.000	0 - 1.900	400, 620
Axial fans	BVAXN	14	900 - 180.000	0 - 1.800	200, 300, 400, 600
Axial fans	BVZAXN	12	3.000 - 120.000	0 - 2.800	200, 300, 400
Axial fans	BVAXO	8	800 - 80.000	0 - 600	200, 300
wall-mounted fans	BVW	6	500 - 45.000	0 - 1.800	200, 300, 400, 600
Centrifugal fans	BVRA	19	400 - 125.000	0 - 2.500	600
Centrifugal fans	BVREH	9	2.000 - 71.000	0 - 3.000	400
Centrifugal fans	BVERV	4	400 - 60.000	0 - 2.100	200, 300

OEM-Equipment

Type	Series	V (m³/h)	Pressure (Pa)
Plug-in Fan	ERM	1.500 - 55.000	100 - 2.000
Fan for use in trains	ER 40/450	3 x 6.667	490
Fan for use in trains	ER-K 355	2.200	200

Clean room

Type	Series	Sizes	V (m³/h)	Pressure (Pa)
components	FFM	6	580 - 2.230	30 - 160
components	FFME	6	580 - 2.230	30 - 160
components	RS		1.500 - 2.500	



challenge us

General Ventilation Fans

Type	Series	Sizes	V (m³/h)	Pressure (Pa)
Centrifugal roof units	Minivent	4	100 - 1.000	0 - 420
Centrifugal roof units	DRH	9	100 - 35.000	0 - 750
Centrifugal roof units	DRV	9	100 - 32.000	0 - 750
Centrifugal roof units	DRVF	8	100 - 50.000	0 - 1.900
Centrifugal roof units	DRVF-H	8	100 - 50.000	0 - 1.900
Centrifugal roof units	DRVF-K	11	50 - 30.000	0 - 1.100
Axial fans	AXN	21	600 - 500.000	100 - 1.600
Axial fans	AXO	8	800 - 100.000	30 - 800
Axial fans	ZAXN	14	2.000 - 160.000	2.000 - 2.200
Axial fans	AX-K	13	350 - 25.000	350 - 800
Centrifugal fans	REH	13	2.000 - 140.000	220 - 3.100
Centrifugal fans	RZH	13	4.000 - 275.000	220 - 3.100
Centrifugal fans	REH-M	13	2.000 - 140.000	220 - 3.100
Centrifugal fans	REH-K	50	50 - 150.000	100 - 7.000
Plug-in fans	ERV 23/1.2-H	19	250 - 150.000	220 - 2.500
Plug-in fans	ERV 23/1.2-V	19	250 - 150.000	220 - 2.500

Air-Heaters

Type	Series	V (m³/h)	(kW)
Air-heaters	KTH Kompakt-Thermon®	1.000 - 11.000	250
Air-heaters	KTH-I Kompakt-Thermon®	1.000 - 11.000	250
Air-heaters	ETH Elektro-Thermon®	1.000 - 5.500	26
Air-heaters	RTH Radial-Thermon®	1.500 - 8.300	150
Air-heaters	C-KTH Comfort-Thermon®	500 - 4.900	60
Roof-mounted heat recuperators	DWR	2.000 - 17.000	100
Controls and accessories	Electric- and electronic systems		

Choose your product



on the internet



Product selection

Download

Information

Provide your information comfortably from your home – you can enter into a dialogue with us any time and without going long ways.

TLT-Turbo GmbH's homepage and all subjects you will find on it regarding fans and service offer a completely new way for marketing and sales.

This quick contact wants to offer you efficient and new services regarding the procurement of information.

Up-to-date and important company- and product-information, a product configurator that allows you to comfortably individually select and compose any time e. g. our smoke exhaust fans according to their type of installation as well as their temperature category.

A special download section offers documentation, brochures, product-information as well as –pictures and drawings and technical descriptions.

With the help of this new media and together with our partners we want to intensify our relationship with our existing and potential customers.

www.tlt.de



find it more quickly

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