

## Combifab Fans

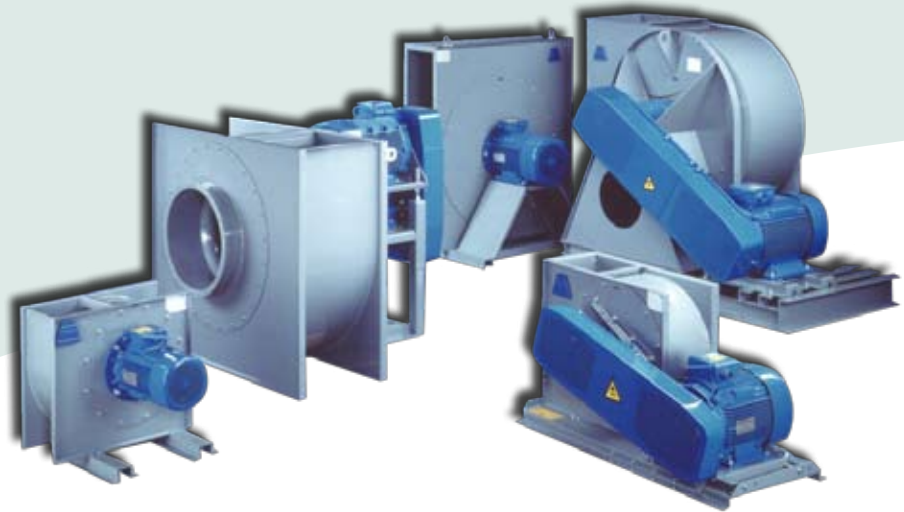
# COMBIFAB

## Features

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***Wood • Plastic • Welding Fumes • Smoke  
And Many Other Types Of Dust***

Suitable for use in positive or negative pressure applications handling clean air, light dust or heavy material loads. .



***500 - 40,000 CFM***

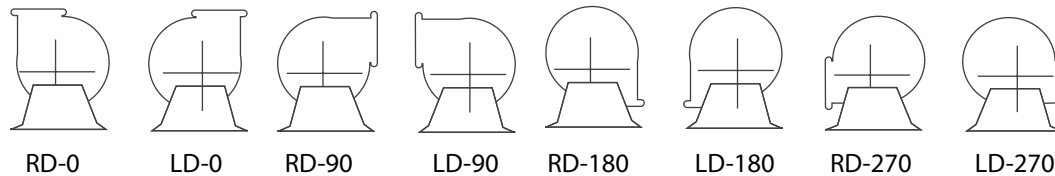
- Air and material handling fans
- 500 to 40,000 CFM
- Belt or direct driven
- High efficiency - up to 87%
- Available with 3 different types of impellers: Clean air wheel (R), backward inclined (S) or heavy duty transports fan (T)

# Fan

For COMBIFAB, we have developed three different impeller types for various operating conditions. The geometry of these bladed impellers has been refined through the application of advanced computer programs, and the interaction with fan inlet design is one of the secrets behind the fine performance of COMBIFAB.



Viewed from the motor side



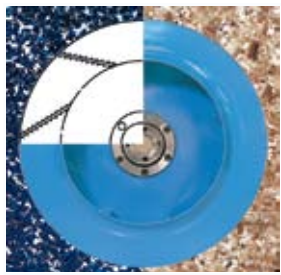
## Bladed impeller - the heart of the system



### Clean Air Impeller - Type R

The clean air impeller is a closed bladed impeller with backward curved blades. This impeller is used for transport of clean air and of air with a small quantity of fine dust, such as welding smoke, oil mists or exhaust gases.

The clean air impeller has an efficiency of up to 87%.



### Chip Impeller - Type S

The chip impeller is a closed, partly self-cleaning bladed impeller with straight, backward oblique blades. This impeller is used for transport of grinding and polishing dust, dry sawdust and shavings, etc.

The chip impeller has an efficiency of up to 81%.



### Transport Impeller - Type T

The transport impeller is an open, self-cleaning bladed impeller with straight, radial blades. This impeller is used for transport of shavings, chips, etc.

The transport impeller has an efficiency of up to 61%.

## World wide sales companies



## The world leader in air pollution control

Dantherm Filtration focuses on individual solutions for individual customer needs. We benefit from the experience and expertise of more than 35,000 air cleaning systems. And we deliver unbeatable reliability, low energy consumption and compliance

with all mandatory requirements for a wide range of applications in many different industries all over the world.

Dantherm Filtration is part of the Dantherm Group, a leader in industrial air management, offering

industrial cooling, heating, dehumidification, ventilation, air filtration and mobile air management. The group operates globally with production and sales companies in Europe, the US and Asia.



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