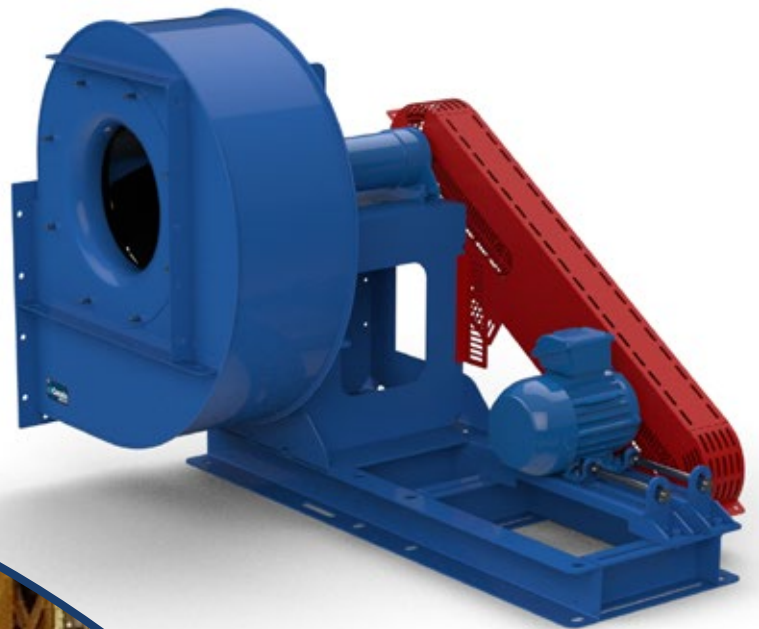


NIMUS-TR

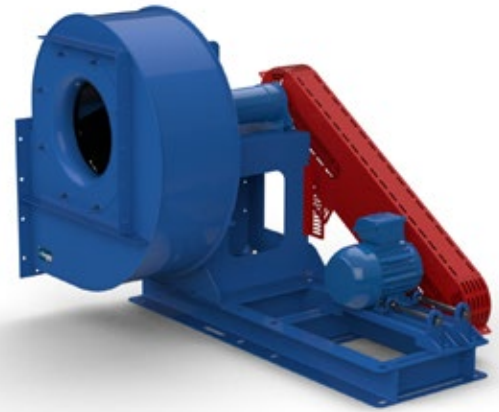
Centrifugal belt-driven fan for slightly dusty air and high temperature

AIR
RENEWAL



CENTRIFUGAL BELT-DRIVEN FAN FOR CLEAN OR SLIGHTLY DUSTY AIR AND HIGH TEMPERATURE

NIMUS-TR



ADVANTAGES

- Starting from the NIMUS range, equipped with highly efficient components, NIMUS-TR is the belt-driven variant.
- It is included:
 - Bench transmission system.
 - High efficiency and low maintenance transmission kit.
 - Transmission monoblock with premium all-steel bearings.
- Being a belt-driven fan, it allows to increase the product range or work area of the machines by adapting the working point of the system to the optimal operating point of the motor, minimizing its torque reduction.
- Unlike the direct version, NIMUS-TR allows working at higher temperatures, up to 350°C with a cooling impeller.

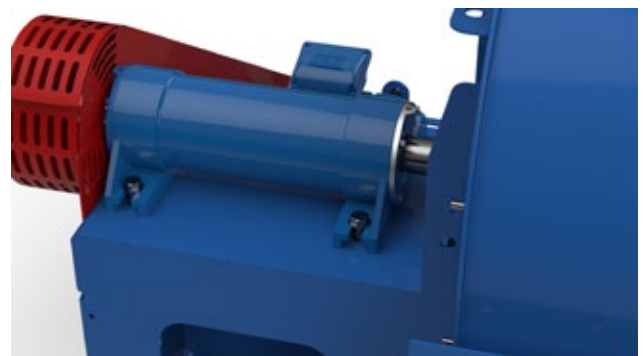
APPLICATIONS

Suitable for moving clean or dusty air. Designed to be installed in duct for air extraction or supply in:

- Paint booths
- Collection of dust
- Food industry dryers
- Food processing
- Incineration
- Odor control in industry
- Indoor / outdoor pollution control
- Big buildings
- Malls
- Factories / Industrial buildings
- Warehouses
- Extraction of smoke
- Boilers and ovens
- Manufacture and treatment of chemical products
- Tunnels, underground stations.

MANUFACTURING FEATURES

- Impeller sizes from 315 to 450.
- Maximum air flow from 6.100 to 15.410m³/h.
- Medium pressure centrifugal belt driven fan.
- Reinforced housing made of carbon laminated steel, protected against corrosion by powder coating polyester resin RAL 5010. Finish C3.
- Casing fully latched and adjustable.
- Self-cleaning turbine and reinforced impeller with high-performance backward (reaction) blades made of carbon laminated steel dynamically balanced to minimize noise and vibrations. Black painted RAL 9005.
- Squirrel cage standardized asynchronous IEC motor with IP-55 protection and class F electrical insulation. Standard voltages 230/400V 50Hz for three-phase motors up to 4kW and 400/690V 50Hz for higher powers. IE4 motors for 75kW power or higher.
- Motorized fan with base frame (configuration 12). Full equipped fans including: motor, pulleys, belts, belts guard and shaft guard.
- Models of size 500 and above are supplied with a front support foot, for the other models the front support foot is optional.
- Maximum working temperature: carried air: 200°C, ambient: 60°C.
- Available positions (to be indicated in case of order): LG270, LG0, LG45, LG90, LG135, LG180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD270, RD315.



Monobloque de transmisión con rodamientos premium completamente en acero



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