

The background of the entire page is a blurred, blue-tinted image of industrial fans. The fans are arranged in a way that creates a sense of depth and motion, with some blades in the foreground and others receding into the background. The overall aesthetic is clean, professional, and industrial.

HDF



Heavy Duty Fans



Products - Heavy Duty

Flow rates up to 1.200.000m³/h,
pressure up to 15.000 Pa and impellers
with different profiles designed
for a large number of applications.



Products - Special applications: Axial fans



Flow rates up to 500.000 m³/h and
pressure up to 3.000 Pa with airfoil blades.
Axial fans also according to ATEX
and API standards.

A wide range of accessories completes our offer:

- dampers with electric or pneumatic actuators;
- noise reduction boxes;
- cylindrical and rectangular silencers;
- thermic and sound-reducer insulations;
- chimneys;
- filters;
- venturi meters;
- vibration sensors;
- temperature sensors;
- counter-rotation devices;
- mechanical seals;
- inverters with control board.





Test and Controls



For specific test, **HDF** cooperates with third party laboratories and recently began a forceful partnership with CNR (Centro Nazionale di Ricerche).

Our engineering department is able to perform the following tests:

- performance and mechanical tests both in the workshop and on-site;
- noise tests;
- pneumatic tests;
- over speed tests;
- welding: magnaflux or penetrating liquids;
- ultrasonic test of shafts.

- DUST REMOVING PLANTS
- FILTRATION PLANTS
- COMPOSTING PLANTS
- INCINERATION
- PAINTING PLANT FOR CAR INDUSTRY
- FURNACES
- CHEMICAL PLANTS
- PETROL CHEMICAL PLANTS
- PAPER INDUSTRIES
- EXTRUDERS AND PVC PLANTS
- DRYERS
- MINING
- MARINE
- PNEUMATIC TRANSPORT PLANTS
- EFFLUENT TREATMENT PLANTS





Certification

HDF is certified ISO 9001 and started the certification process for ISO 14.001 and 18.001.

HDF fans are complying with:

- ATEX EU Directive
- API standards 560/673

Our products also meet the following standards:

- EN Standards
- UNI Standards
- ISO Standards
- API Standards



Products - Special applications: ATEX and API



Process centrifugal fans with flow rates up to 100.000m³/h and pressure up to 4.000 Pa.

Casing and impeller with hardfacing for cement and steel applications.

ATEX standards and EU Directive

API standards 560/673



Service

HDF may provide specialized technicians available for site activities:

- ON SITE AERAULIC, MECHANICALS AND NOISE TESTS
- COMMISSIONING
- START-UP
- TECHNICAL SUPERVISION OF THE ASSEMBLY
- ORDINARY AND EXTRAORDINARY MAINTENANCE
- SPARE PARTS





Heavy Duty Fans

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