



CENTRIFUGAL COMPRESSORS

Fully customized solution

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If your process needs a centrifugal compressor, Industrie CBI sales team will help you to find the best technical and commercial solution.

Why prefer a centrifugal compressor

- Compact design smaller footprint;
- Higher efficiency, lower power consumption;
- Process control with IGV and DGV to have a constant outlet pressure at any flow;
- Compressor skid delivered ready for operation, low installation and commissioning cost.

Together with compressor, Industrie CBI can supply compressors accessories:

- Noise hood, inlet and outlet silencers for noise reduction;
- Inlet filter with venturi for flow measurements;
- UCP for complete compressor handling linked with the existing DCS/ESD;
- Cabinet only for anti surge protection;
- Intercooler and aftercooler to reduce outlet temperature;
- IGV and DGV for performance control;
- Blow off system including blow off valve and blow off silencer.



Application of our compressors

- Ammonia and Urea plant (atomization and N2 start up compressor);
- Methanol plant (N2 start up compressor);
- SRU plant (combustion air compressor);
- Sulphur Acid production plant (air compressor);
- Mechanical vapor recompression;
- Plastic production plant (PET, PVC, etc.);
- Steel production plant (air for furnace);
- Waste water treatment (air for oxygenation pool).



Centrifugal compressors

- Single and multistage
- Integrally geared design
- Separate gear design
- Design in accordance to API 617 and 672

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The Company

Industrie CBI starts on 1963 to design and manufacture centrifugal fans.

Today Industrie CBI is one of European leading manufacturer of industrial and heavy-duty fans.

From the beginning, Industrie CBI was following the needs of the process in which the fans have to work.

In the last twenty years the requirements was to increase the differential pressure across the fan.

The first step was to design a new generation of impeller (also using a 3D design impeller) that works at the same speed of the driver (electric motor or steam turbine).

Since 2007, to have an additional increase of differential pressure together with a better efficiency, Industrie CBI designs and manufactures centrifugal compressors.