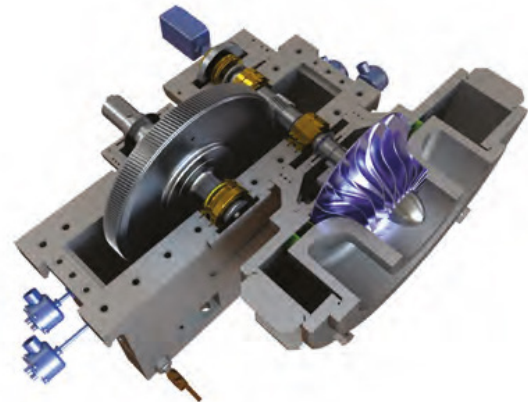
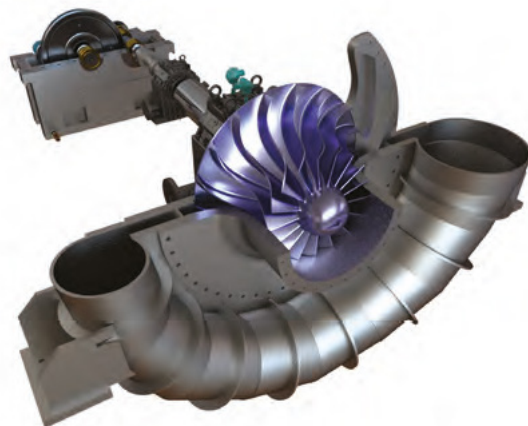


## COMPRESSORS



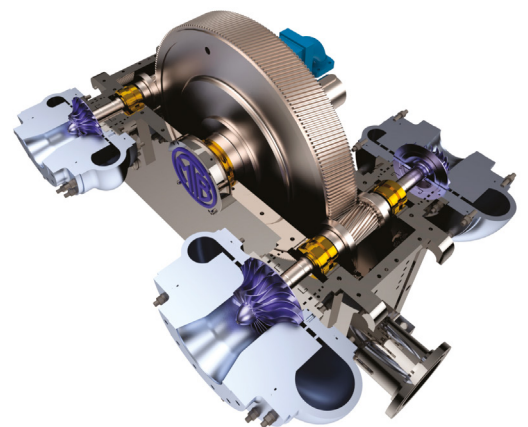
### Integrally Geared

- Flow rates up to 150.000 m<sup>3</sup>/h (88.300 ft<sup>3</sup>/min)
- Installed power up to 7 MW (9.500 hp)
- Tip speeds over 600 m/s (1.970 fps)
- Pressure ratio up to 2,5
- In-house manufacturing compliant to API 672 & 617
- Suitable for clean Air or Gases
- Impeller diameter up to 1 m (40")
- Maximum pinion speed 40.000 rpm



### Not Integrally Geared

- Flow rates up to 400.000 m<sup>3</sup>/h (235.400 ft<sup>3</sup>/min)
- Installed power up to 10 MW (13.600 hp)
- Tip speeds over 440 m/s (1.450 fps)
- Pressure ratio up to 2,5
- In-house manufacturing compliant to API 617 Ch.2
- Suitable for sticky and dirty gases
- Impeller diameter up to 1.7 m (67")
- Maximum shaft speed 20.000 rpm



### Multi Stage

- Flow rates up to 150.000 m<sup>3</sup>/h (88.300 ft<sup>3</sup>/min)
- Installed power up to 10 MW (13.600 hp)
- Tip speeds over 600 m/s (1.970 fps)
- Pressure ratio up to 15
- In-house manufacturing compliant to API 672 & 617
- Suitable for clean Gases
- Impeller diameter up to 1,7 m (67")
- Maximum speed 40.000 rpm



ESTABLISHED IN 1909

USA

MEXICO

PORTUGAL

FRANCE

GERMANY

EGYPT

ITALY

INDIA



### GROUP HEADQUARTER

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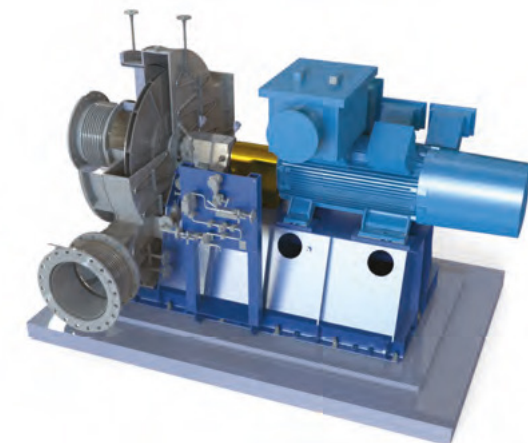


# BOLDROCCI

ESTABLISHED IN 1909

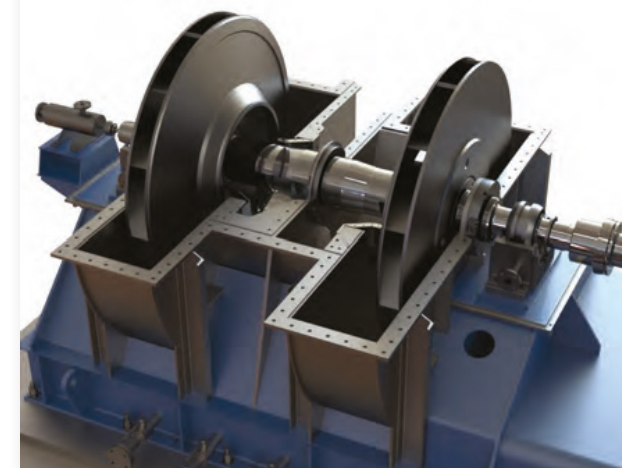
## BLOWERS & COMPRESSORS

## BLOWERS



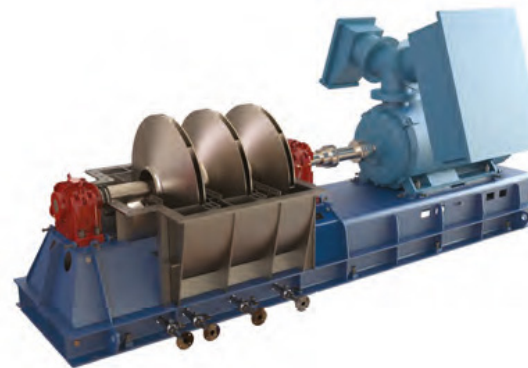
### Single Stage

- Flow rates up to 500.000 m<sup>3</sup>/h (147.145 ft<sup>3</sup>/min)
- Installed power up to 5 MW (6.500 hp)
- Tip speeds over 280 m/s (920 fps)
- Hot-gas circulating fans up to 650 °C / 1.200 °F (max. 850 °C / 1.560 °F)
- Special blades design
- Pressure rise up to 500 mbar (7 psi)
- In-house manufacturing compliant to API 673
- Welding: ASME, AWS, EN norms
- Impeller diameter up to 5 m (197")



### Double Stage

- Flow rates up to 200.000 m<sup>3</sup>/h (117.715 ft<sup>3</sup>/min)
- Installed power up to 4 MW (5.360 hp)
- Max tip speed over 280 m/s (920 fps)
- Pressure rise up to 800 mbar (11,6 psi)
- In-house manufacturing compliant to API 673
- Impeller diameter up to 1.8 m (71")
- Welding: ASME, AWS, EN norms



### Multi Stage

- Flow rates up to 50.000 m<sup>3</sup>/h (29.500 ft<sup>3</sup>/min)
- Installed power up to 2 MW (2.700 hp)
- Lay-out up to 4 stages
- Max tip speed over 280 m/s (920 fps)
- Pressure rise up to 800 mbar (11,6 psi)
- In-house manufacturing compliant to API 673
- Impeller diameter up to 1,6 m (63")
- Welding: ASME, AWS, EN norms

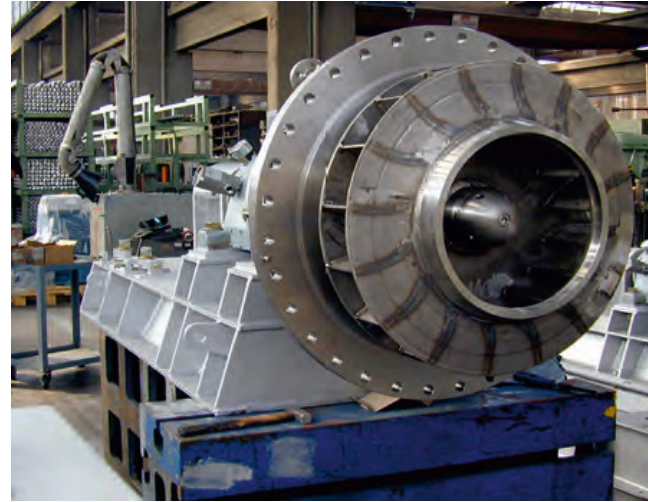
WORLDWIDE ENGINEERING EXCELLENCE

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◆ SRU



◆ CLORINATION CCR



◆ UREA PLANT



◆ MVR



◆ FLUE GAS DELPHURATION

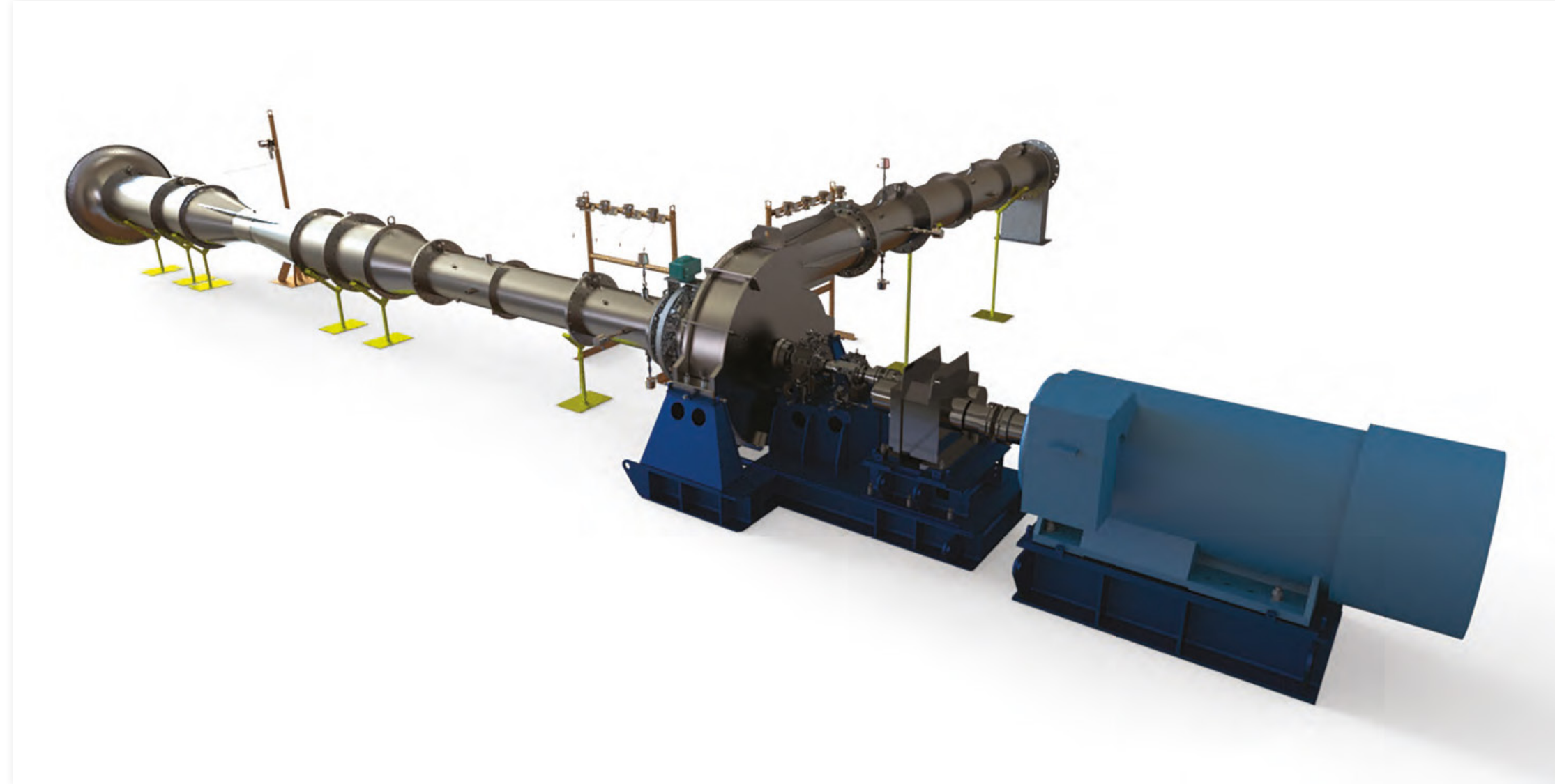


◆ AMMONIA PLANT

## TESTING FACILITIES

### ASME PTC 10 Compressor's Performance Test for API 672 & 617

We customize centrifugal compressors with lower operating costs and higher operating efficiencies.

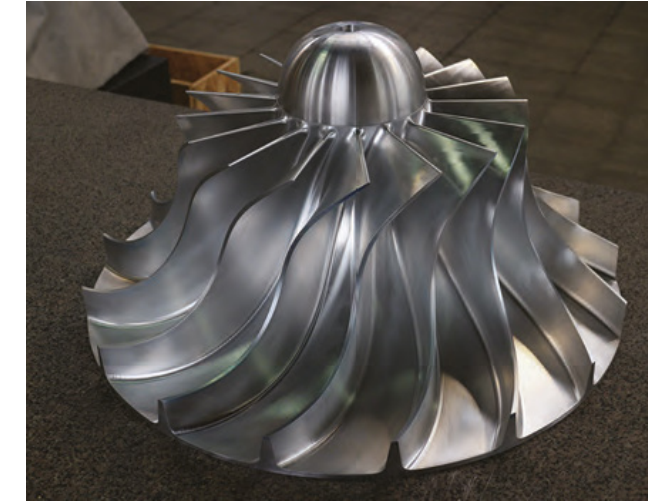


#### In-House Testing

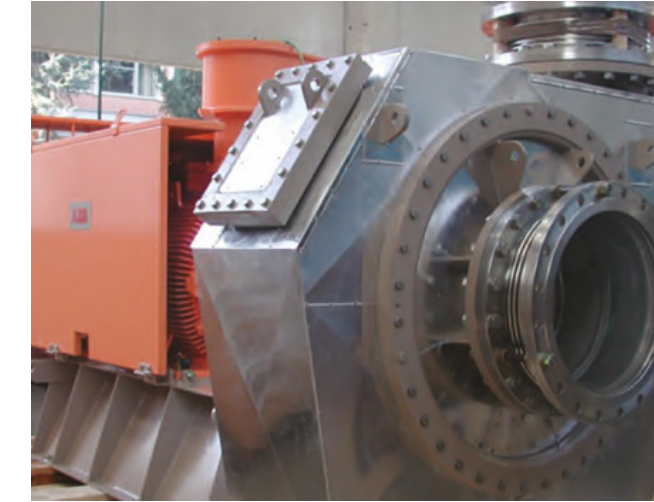
- AMCA 210, ASME PTC10 performance test room
- Full speed mechanical running test with motor up to 7 MW (9.500 hp)
- Permanent power supply: 11 / 6 / 4 / 3.3 / 0.69 / 0.4 kV
- Hot gas test duct setup

#### In-House Manufacturing

- API 672, API 617, API 673
- Welding: ASME, AWS, EN norms
- Available materials: High yield carbon steel, Low alloy steel, Stainless steel, Duplex and super duplex steel, Superalloys: Inconel®, Hastelloy®, Titanium, Aluminium



◆ AERATION BLOWER



◆ SULPHURIC ACID GAS BLOWER



◆ FORMALDEYDE GAS BLOWER



◆ COKE OVEN GLAS BLOWER



◆ RECYCLE GAS BLOWER



◆ CLAUS AIR BLOWER