Design:
- Cast iron cylinder with surface treatment,
  simple casing for air-cooled machines and
double casing for liquid cooled machines
- Bare shaft or skidded
- One-piece steel rotor
- Vanes are manufactured from high-strength
  composite materials (phenolic resin and
  aramide fibers) or from a specific polymer
- Single or double mechanical seal
- Roller bearings, ball bearings, double taper
  roller bearing, depending on the application
- API Coupling
- Proprietary micro-lubrication system : oil pump
  driven by compressor shaft or by independant
  electric motor (Minilub). Monitoring as an
  option
- Check valve on discharge
- Suction and discharge manometer
- Temperature and pressure switches on suction
- Inlet filter (strainer or ceramic plug type)
- Factory test with test report
- Long conservation packing with nitrogen
  insulation
- Engineering and documentation
- Automation

Performances:
- Flow rate: from 5 up to 6000 m³/h
- Pressure: above 30 bar

Standard materials:
- Cast iron or nodular cast iron casing
- Steel rotor
- Other materials according to the customer's
  technical requirements

Industrial applications:
- Flare & vent gas
- Collection and transport of biogas on landfills
- Mixing of Anaerobic Digestors on AD facilities
- Mixing of Sludge Digestors from Waste Water
  Treatment Plants
- Cogeneration
- Process compressor (chemical, food,
  pharmaceutical...)
- Mine gas compressor
- Steam compressor
- Petrol gas booster/suppressor