
Product Portfolio



Pumping Solutions



Selection & Application Software



www.imbil.com.br/produtos



INNOVATING IN THE PURSUIT OF EXCELLENCE!



IMBIL – 1982 – 2014 32 YEARS

IMBIL has evolved from a modest industrial park in 1982 producing spare parts for Sugar and Methanol segment, to be the largest manufacturer of Centrifugal Pumps with total Brazilian capital today. IMBIL provides Pumping Solutions and equipment for various industries both in Brazil and abroad.

Based on Strategic Planning process, IMBIL encourages continuous investment in manufacturing infrastructure, continuous development of its Human Resources, focus on Engineering, and diversification of Products and Markets. Today IMBIL has 10 manufacturing facilities placed on a total area of 120.000m², a modern and powerful industrial park, as well as more than 900 Collaborators who are constantly trained, completely qualified, and entirely focused on the Satisfaction of IMBIL's customers around the world.

IMBIL - Pumping Solutions, is self-sufficient in the various aspects involved in pumping of fluids and is able to offer solutions that meet the most stringent requisites of our customers around the world.

In order to continuously satisfy our Clients and Partners, IMBIL has established the following guidelines to be reference of Excellence which we are constantly pursuing in our current strategic plan model - "Toward 2015: Innovating to Achieve Excellency": Operating with stable and capable processes in an environment of Continuous Improvement; enforce Quality Management; Promote Personnel Development; enforce Work Safety to be considered a value and not only an activity to be prioritized, set a clear Vision and Systemic approach that prioritizes the Overall instead of only parts of the company, and systematically break paradigms by innovating to find solutions.



WELCOME TO IMBIL

Vladislav Siqueira
CEO - IMBIL





ITAP

Operation Range:
Flow rate: up to 2000 m³/h
Head: up to 120 m
Temperature: up to 350° C

Markets & Applications:
Irrigation, waste water, chemical & petrochemical industries, refineries, pulp & paper industry, textiles, food industry, sugar & ethanol industry, distilleries, fire fighting, cooling and HVAC.



INI

Operation Range:
Flow rate: up to 1300 m³/h
Head: up to 230 m
Temperature: up to 350° C

Markets & Applications:
Irrigation, waste water, chemical & petrochemical industries, refineries, pulp & paper industry, textiles, food industry, sugar & ethanol industry, distilleries, fire fighting, cooling, and HVAC.



Sugar and Ethanol Plants



Distilleries



TCI

Operation Range:
Flow rate: up to 2000 m³/h
Head: up to 40 m
Temperature: up to: 105° C

Markets & Applications:
Sugar & ethanol industry, chemical & petrochemical industries, pulp & paper industry, textiles, food industry, refineries, waste water and mining exploration. Handling fluid with fibrous materials.



INK

Operation Range:
Flow rate: up to 1600 m³/h
Head: up to 130 m
Temperature: up to: 350° C

Feature:
Process Pump

Markets & Applications:
Chemical & petrochemical industries, refineries, pulp & paper industry, textiles, distilleries, sugar & ethanol industry and irrigation.





IS - SLURRY

Operation Range:
 Flow rate: up to 3500 m³/h
 Head: up to 105 m
 Temperature: up to 120° C

Feature:
 Alloys in high-chromium or elastomer

Markets & Applications:
 Mining, steel industry, industrial processes, fertilizer industries, chemical & petrochemical industries, sugar & ethanol industry, waste water (pumping sludge).



SELF-PRIMING PUMP E & EP

Operation Range:
 Flow rate: up to 1200 m³/h
 Head: up to 60 m
 Temperature: up to 80° C

Feature:
 Passing solids up to 3"
 Two Stage is Available

Markets & Applications:
 Sewage & Waste Water, construction, chemical & petrochemical industries, pulp & paper industry, textiles, food processing, refineries, food, irrigation and drainage.



Mining / Steel



Sanitation



BVI

Operation Range:
 Flow rate: 70 cfm (115 m³/h) to: 12800 cfm (21600 m³/h)
 Vacuum: 8 to 27 inHg

Markets & Applications:
 Mining, cookers, evaporators, vacuum filter, vacuum extraction pulp & paper industry, textiles, food, chemical & petrochemical industries, waste water and sugar & ethanol industry.

“SI – IMBIL BLOWER – Vacuum Pumps operating as liquid ring blowers”



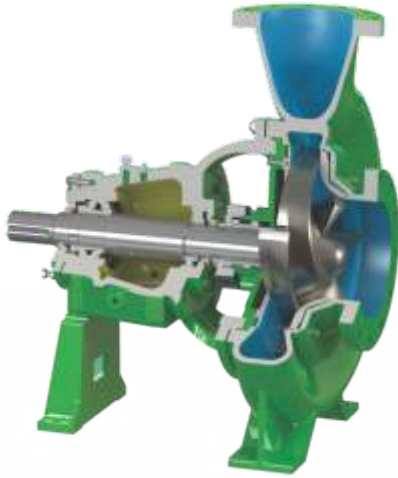
BP

Operation Range:
 Flow rate: up to 14000 m³/h
 Head: up to 230 m
 Temperatura até: 105° C

Feature:
 Axially Splited
 Double Suction Impeller
 Low NPSHR

Markets & Applications:
 Water, waste water, large irrigation systems, cooling, draining, fire fighting, chemical & petrochemical industries, pulp & paper industry.





BMS

Operation Range:
Flow rate: up to 3000 m³/h
Head: up to 110 m
Temperature: up to 120° C

Feature:
Open Impeller
Process Pump
6% Atró

Markets & Applications:
Pulp & paper industry,
waste water, pumping
waste, textiles, food industry,
chemical & petrochemical
industries, refineries,
sugar & ethanol industry,
construction and mining.



APN ANSI B73.1

Operation Range:
Flow rate: up to 1400 m³/h
Head: up to 200 m
Temperature: up to 105° C

Feature:
Open Impeller
Process Pump

Markets & Applications:
Pulp & paper industry,
chemical & petrochemical
industries, textile, food,
refineries, sewage, mining,
power plants, sugar & ethanol
industry, steel and irrigation.



Pulp and Paper



Chemical / Petrochemical



INI-K/O

Operation Range:
Flow rate: up to 1500 m³/h
Head: up to 100 m
Temperature: up to 105° C

Markets & Applications:
Waste water, chemical &
petrochemical industries,
refineries, pulp & paper
industry, sugar & ethanol
industry, construction and
operation of mining.



INI-VR

Operation Range:
Flow rate: up to 640 m³/h
Head: up to 80 m

Feature:
Columns up to 7 meters

Markets & Applications:
Chemical & petrochemical
industries, naval, pulp & pape
industry, textile, food and
sugar & ethanol industry.





BEW

Operation Range:
Flow rate: up to 500 m³/h
Head: up to 250 m
Temperature: up to 140° C

Markets & Applications:
Irrigation, chemical & petrochemical industries, refineries, pulp & paper industry, textiles, food, supplies, fire fighting and sugar & ethanol industry.



ILI ANSI B73.2

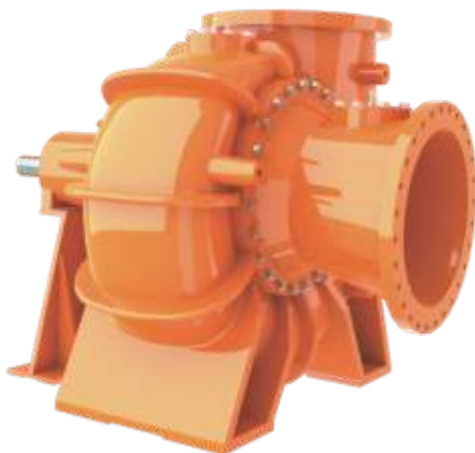
Operation Range:
Flow rate: up to 375 m³/h
Head: up to 245 m
Temperature: up to 105° C

Markets & Applications:
Air conditioning system (HVAC), chemical industry, cooling, circulation of hot water supply water, irrigation and waste water.



Irrigation

Air Conditioning



NCI

Operation Range:
Flow rate: up to 9500 m³/h
Head: up to 30 m
Temperature: up to 105° C

Markets & Applications:
Irrigation, waste water, chemical & petrochemical industries, pulp & paper industry, textiles, food processing, refineries, mining and sugar & ethanol industry.



INI-BLOC

Operation Range:
Flow rate: up to 700 m³/h
Head: up to 200 m
Temperature: up to 105° C

Markets & Applications:
Irrigation, waste water, chemical & petrochemical industries, refineries, pulp & paper industry, textiles, food, sugar & ethanol industry and HVAC.



BMI ANSI B73.1



Operation Range:
Flow rate: up to 1400 m³/h
Head: up to 200 m
Temperature: up to 105° C

Feature:
Open Impeller
Process Pump

Markets & Applications:
Pulp & paper industry,
chemical & petrochemical
industries, textile, food,
refineries, sewage,
mining, power plants
sugar & ethanol industry
and irrigation.

BCI - High Head

Operation Range:
Flow rate: up to 600 m³/h
Head: up to 1800 m
Temperature: up to 125° C

Feature:
Axially Splited
Low NPSH 3%
Back-to-Back Impeller
Long Cross Over e Short Cross Over

Markets & Applications:
Boiler feed, Pipe Line,
Chemical & petrochemical
industries, pulp & paper
industry, textiles, food,
refineries and sugar &
ethanol industry.



Food



**Thermal Fluid
Generation / Cogeneration
Vapor Unoverheating**

BHI

Operation Range:
Flow rate: up to 250 m³/h
Head: up to 240 m
Temperature: up to 160° C

Markets & Applications:
Food, pulp & paper industry,
chemical & petrochemical industries,
beverages, cosmetics, vegetable
oils, slaughterhouses and meat,
waste water, treatment of agriculture
and livestock effluents, tanneries,
dairy products, paints and
sugar & ethanol industry.

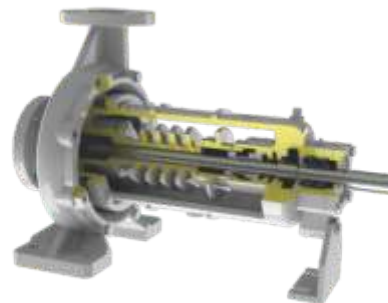


INI-HT

Operation Range:
Flow rate: up to 600 m³/h
Head: up to 230 m
Temperature: up to 400° C

Feature:
Center mounted casing

Markets & Applications:
Pulp & paper industry,
textiles, food, chemical
& petrochemical
industries, refineries.



PQI API 610 (OH2)



Features:
Flow rate up to 1600 m³/h
Head up to: 230 m
Temperature: -160°C up to 450°C

Applications:
Oil, Refinery, Petrochemical, Gas Processing, Coal Processing, Offshore Installation, Nuclear, Cogeneration and Desalination.

MULTIROTOR



Features:
Flow rate up to 300 m³/h
Head up to: 600 m
Temperature up to: 140° C
Possible vertical mounting

Applications:
Boiler power, changer heat, water supply in General, fire-fighting systems, hot water, elevation of pressure, irrigation, distillate solvents and lubricant.

ILI-SC



Markets & Applications:
Naval industry.

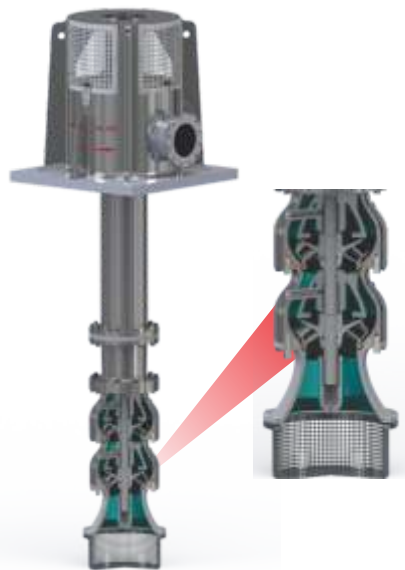
Operation Range:
Flow rate: 600 m³/h
Head: up to: 245 m
Temperature to: 125° C



Oil and Gas



Naval industry



VTI

Operation Range:
Flow rate: up to 5000 m³/h
Head: up to 900 m
Temperature: -200°C up to 300°C
Vertical turbine multistage pump

Markets & Applications:
Booster suction condition, waste water, naval industry, nuclear, chemical & petrochemical industries and refineries.



FIRE FIGHTING SYSTEM

Main pump:
Centrifugal pumps IMBIL, designed for application in fire fighting, in accordance with the **NFPA 20** STD last edition.

BOOSTER

Operation Range:
Flow rate: up to 2000 m³/h
Head: up to 150 m
Temperature: up to 105° C





F1. Medium size pumps
F2. Casting of iron

F3. Development center
F4. Large pumps

F5. Small pumps
F6. Contracts and Maintenance Services

IMBIL - Generating Pumping Solutions.

Growing in the global pumping market, IMBIL - Industries and Maintenance of Pumps ITA Ltda., is located in the city Itapira, Sao Paulo on its own area of 120,000 square meters.

IMBIL disposes of advanced technical resources, practices of modern Administration and Engineering techniques, and the constant development of competencies, skills and attitudes of employees.

Our Quality Management System is certified by the international standard ISO 9001-2000 - "Bureau Veritas Certification."

CRCC - Petrobras has two families of service and five families of materials.

Currently IMBIL has accelerated the development of its Integrated System of Social and Environmental Management.

All Commercial, Administrative and Industrial functions of IMBIL are fully interconnected by Management software in a network with more than a hundred stations that are connected by wireless fiber optic.

Supported by three privately owned Modeling Foundries, IMBIL is self-sufficient in the production of their castings, which attends the most varied materials, especially those resistant to abrasion and corrosion.

IMBIL uses Lean Manufacturing – a philosophy that aims to reduce the time between order placement and shipment of the product - which results in greater flexibility and shorter delivery times to customers.



F7. Precision casting
F8. Coupling and expedition

F10. Pumps for oil and gas

IMBIL offers an appropriate and personalized Pre-sales service, from initial startup up to the maintenance of the equipment. IMBIL also, under Contract of Services, provides pumping installations for Sugar and Methanol, Steel, Mining, and other Industries in general. This whole set of Human, Technological, and Financial resources are focused on IMBIL's Mission - "Provide pumping solutions and associated services to meet the needs and desires of its customers in the global market", while also respecting ethical principles that guide their relations with employees, partners, the environment and the society.



F-15 Casting of stainless steel and special alloys

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