

# CPP-21

## ANSI HORIZONTAL PROCESS PUMPS

All CPP-21 pumps are designed around a single, basic hydraulic and mechanical design concept which ensures efficiencies across a wide spectrum of operating conditions, unparalleled application flexibility, and superior interchangeability.

Ruhrpumpen's quality program and in-house foundry, along with the latest testing equipment, ensures that the pumps we manufacture will provide long operating life, even under the most severe conditions.

### Quick ship program Available in North America\*

\*Please contact your Ruhrpumpen representative or distributor for availability.

## DESIGN FEATURES

- Single stage horizontal centrifugal pump.
- Radially split casing with flanged connections.
- Horizontal end suction and vertical discharge on the center line.
- Enclosed impeller, clockwise rotation (viewed from coupling end).
- Exceptional L / D deflection index.
- Foot mounted.
- Oil-lubricated bearings standard, grease, sealed and oil mist optional.
- ANSI / ASME standard B-73.1 (OH1).
- "Back pull-out" design allows pump disassembly without disturbing pipe connections.
- Standard or large bore stuffing boxes are available for packing, single, or double seals.
- All API flush plans are offered, as needed, in a variety of configurations.
- Labyrinth type bearing protectors.
- Low Flow High Head design available.

## OPERATING LIMITS

- Capacity to 5,000 U.S. gpm (1,150 m<sup>3</sup>/h)
- Head to 770ft (235m)
- Temperature -50 to 600 °F (-45 to 315 °C)
- Pressure to 375psig (25.85 bar)
- Discharge 4,600Kpa



CPP-21 Standard Construction

## APPLICATIONS

- Food Processing ■
- Power Generation ■
- Pharmaceuticals ■
- Water Treatment ■
- General Process ■
- Petrochemical ■
- Oil & Gas ■
- Steel Industry ■
- Automotive ■
- Fire Service ■

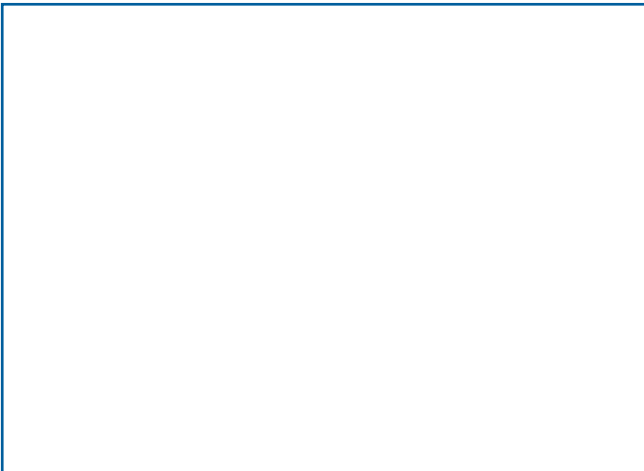
And many other applications

## STANDARD CONSTRUCTION MATERIALS

- Ductile Iron / Stainless Steel ■
- All 316 Stainless Steel ■
- Alloy 20 ■
- Hastelloy ■
- Zirconium ■
- Duplex Stainless Steel ■
- Other Materials available upon request ■








## MORE INFORMATION

[www.ruhrpumpen.com](http://www.ruhrpumpen.com) email: [info@ruhrpumpen.com](mailto:info@ruhrpumpen.com)



CPP-21 Fire System

## RUHRPUMPEN PLANTS

-  GERMANY, Witten
-  INDIA, Chennai
-  USA, Tulsa & Orland
-  BRAZIL, Rio de Janeiro
-  MEXICO, Monterrey
-  ARGENTINA, Buenos Aires
-  EGYPT, Cairo

