



INTERNATIONAL MINERAL PROCESSING EQUIPMENT

intMPE inc. provides global industrial end-users highest quality mineral processing equipment. Industries are served by us with competitively priced engineered packages, and parts that have superior delivery times, and wear characteristics.



intMPE inc. is a Mining Equipment Manufacturer with an excellent history assisting varied clientele facing ever increasing first cost, and cost of ownership issues. We are the innovators in applying cutting edge technology to parts production, complete pump skids, and other mining equipment.

Our focus is the highest quality control in manufacturing standards, designs conceived for both energy efficiency and ruggedness, and on time completion, for severe duty mining and related applications.

intMPE inc. manufactures and sources mining equipment parts that are ISO Certified and of AQAP, API, ANSI, AS, BS, DIN & JIS Quality Standards. Our MPP (Mineral Processing Pump) slurry pumps are used in the most corrosive and erosive fluid combinations encountered in the sector. We review materials of construction options thoroughly with our clients, before making selection recommendations based on many years of experience. We combine tradition with conservative innovation.

Industrial parts end-users are supported by our local stocking distributors worldwide, stocking reasonably priced and readily available parts, for our own and many other makes. Parts such as **Hydrocyclone and Crusher Parts, plus Pump Impellers, Liners, Shaft Sleeves, Wear Rings, and Sealing Devices.** In wetted parts we have built and tested many materials in both traditional and innovative **Alloys** and **Elastomers.** In summary, our objective is to support the mining equipment user with the most reliable and economical solutions, in a sector where budgets are being increasingly squeezed, and managers are under tremendous pressure to do more with less.

PARTS FOR MINING SLURRY PUMPING AND PROCESSING EQUIPMENT

intMPE inc. offers a full range of rotating mechanical equipment wear parts for Mineral Processing Equipment in alloys suitable for all processes with PH ranging from 1 - 14.

Some Wear Resistant Alloys provided include

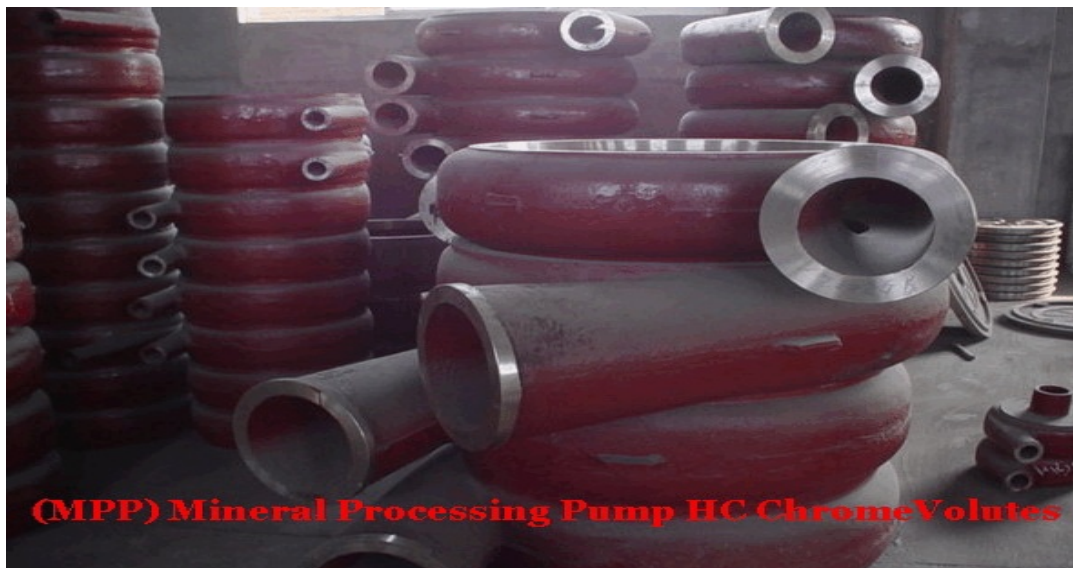
NI HARD 4. . . Meets ASTM A532, Class I, Type D Chemical Analysis requirements. It has the highest strength and greatest resistance to impact of all the "Ni Hard" family.

POLOX 700. . . An alloy of the Ni Hard 4 family providing a hardness level of 700-744 Brinell. The close control of chemistry and a special heat treatment results in improved abrasion resistance.

ULTRA-CHROMIUM IRON (36% HCR) . . High-Chromium Iron similar to ASTM A532, Class III, Type "A". A low carbon alloy containing additional molybdenum for 700-750BH. This has a better corrosion resistance than the Ni Hard alloys.

MPAHC... Super chrome of the ASTM A532 family is preferred to increase parts service life in the phosphate industry with its high corrosion/erosion challenges.

Elastomers such as Natural Rubber, Gum Rubber, Neoprene and Polyurethane are also offered.





PARTS FOR REFINERY, CHEMICAL & PETROCHEMICAL INDUSTRIES

intMPE inc. offers all corrosion and heat resistant alloys that are commonly used in the refinery, chemical, and petrochemical industries. Our foundries produce **API & ANSI** pumps and pump parts in the following alloys:

CA-6NM,
CF-8M(316)
CN-7M
HH
410
MONEL
CARBON STEEL
ZIRCONIUM
7-4 PH
IRIDIUM
TANTALUM.
BRONZE
HAINES ALLOYS

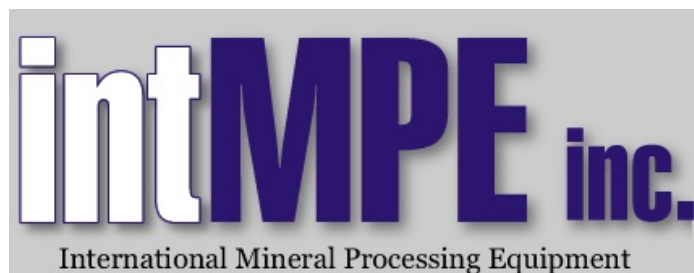
CD-4MCU
CF-3M(316L)
HC
HK
440C
INCONEL
TITANIUM
ALL HASTELLOY RANGES
INVAR
NIMONIC ALLOYS
ALUMINUM
CAST IRON
MANGANESE

Typical **intMPE** products end users are:

- Power and Refining Works
- Mining and Ore Operations
- Phosphate Mining and Processing
- Dredging, Oilfield Waste Management
- Froth Processing
- Coal Washing and Ash Conveying
- Petrochemical Facilities

Some of the Industries that use **intMPE** products are:

- Alberta Oil Sands Projects, Canada
- Indonesian Coal Industries
- Silver, gold mines Mexico
- Steel, coal mines India
- Gold mines South Africa
- Fertilizer plants Israel





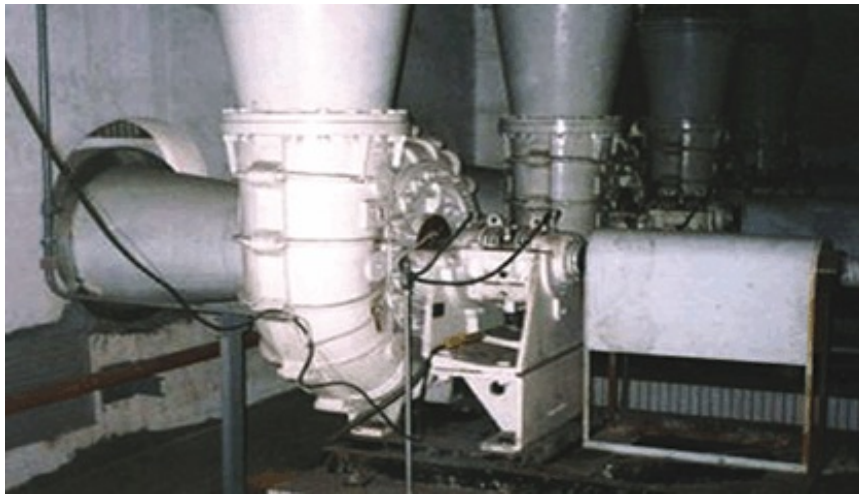
PATTERN TOOLING



intMPE PUMPS HAVE BEEN INSTALLED IN:

Mexico
Zimbabwe
Vietnam
United Kingdom
Western Canada
Ghana
Peru
USA

Silver mining companies
Iron and Steel plants
Taiyuan Iron and Steel Company
Phosphate industry
Tar Sands Plants
Gold Mining Company
Iron Mining Plant
Sand Mining



MPP SERIES SLURRY PUMPS

intMPE inc. provides thorough quality control with in-house heat treating of finished parts and sophisticated modern equipment such as:

Vacuum Spectrometer
X-ray
Zyglo
Magnoflux
Hydrostatic Testing
Dye Check
Spin Testing
Microscopic Analysis

The Design of **intMPE MPP PUMPS**, combines ruggedness and reliability with the highest energy saving BEPs (Best Efficiency Points). The pumps are standard designed for solids-bearing slurries up to a maximum 45% ash by weight concentration, and 60% ore by weight concentration.

For higher % concentrations contact **intMPE**: sales@intmpe.com

These robust, state of the art engineered and manufactured pumps are operated in series, by end - users with that requirement.

intMPE can test pump up to 40,000m³/hr capacity and 3,000KW, one of the largest test facilities in the world.







(MPP) Mineral Processing Pump HC Chrome Inventory

