

# Main Products and Services

## ■ Iron and Steel Sector

### Iron and Steel Products

Wire rods, bars, plates, hot-rolled sheets, cold-rolled sheets, electrogalvanized sheets, hot-dip galvanized sheets, painted sheets, deformed bars, pig iron

### Steel Castings and Forgings

Marine parts (crankshafts, engine parts, shafts, ship hull parts), electrical parts (rotor shafts, turbine blades, casings), industrial machinery parts (forgings for molds, rolls, bridge parts, centrifugally cast steel pipes, pressure vessels), powder metallurgy products (high-speed steels, hot isostatic pressed cylinders)

### Titanium Products

Rolled titanium and titanium alloys for aircraft parts, heat exchangers, construction materials, golf club heads, motorcycle mufflers, wristwatches, IT-related fields

### Steel Powders

Atomized steel powders for sintered parts, handwarmers, deoxidizers and metal extrusions

## ■ Welding Company

### Welding Consumables

Covered welding electrodes, flux-cored and solid welding wires for semi-automatic welding, solid wires and fluxes for submerged arc welding, TIG welding rods, backing materials

### Welding Systems

Robot systems for welding steel columns, welding robot systems for bridge construction, off-line teaching systems, other welding robots, power sources

### High Functional Materials

High functional filters for deodorization, dehumidification, ozone decomposition, toxic gas absorption, and oil mist elimination; odor neutralizers; dehumidifiers; solvent recovery equipment

## ■ Aluminum and Copper Company

### Aluminum Products

Sheets, (can stock, general sheet, blanks and substrates for hard disks), extrusions and fabricated products, castings and forgings

### Copper Products

Sheets, strips, tubes, leadframes

## ■ Infrastructure and Plant Engineering Company

### Environmental Protection

Sewage and sewage sludge treatment plants, municipal solid waste treatment plants, industrial solid waste incineration plants, appliance recycling plants

### Construction

General bridge construction, open-grid steel dams, harbor structures, hanger cable work, acoustic absorption panels, urban transit systems, short-distance transit systems, continuous reclaiming systems, noise insulation systems

### Steel and Industry

Direct reduction plants, rolling mills, cement plants, pellet plants

### Energy

Heavy wall pressure vessels, open rack vaporizers, brazed aluminum heat exchangers, spent fuel casks, power systems

### Chemical

Chemical plants (petrochemical, oil refining, synthetic fabrics), air separation plants, pharmaceutical plants

### New Business

Fly ash treatment equipment for power plants, chemical recycling using supercritical water, plasma melting system for radioactive waste

## ■ Machinery Company

### **Tire and Rubber Machinery**

Batch mixers, twin-screw extruders, tire curing presses, tire testing machines

### **Plastics Processing Machinery**

Large-capacity mixing/pelletizing systems, compounding units, twin-screw extruders, optical fiber processing equipment, wire coating equipment, injection molding machines

### **Advanced Products**

Hot isostatic presses (HIP), cold isostatic presses (CIP), surface modification systems (AIP, UBMS), inspection and analysis systems, uninterruptible power sources

### **Crushers and Mills**

Crushers, mills, feeders and separators, dry aggregate and sand plants, mobile crushers, sand crushing systems, waste sludge cake treatment plant, construction waste treatment system

### **Compressors**

Screw compressors, centrifugal compressors, reciprocating compressors, refrigeration compressors, heat pumps, standard compressors

## ■ Real Estate Company

Real Estate

Condominium and Home Sales

Property Leasing

Brokerage Services

Remodeling

Building Management

## ■ Information and Telecom Products Dept.

### **Urban information Systems**

Environment monitoring systems, environment information systems

### **Network Audio Player (Solid Audio)**

## ■ Medical Implants and Materials Dept.

Implants for artificial hip joints

New designs