

Custom Processing Solutions

CPEG offers a comprehensive line of bulk material handling and processing technology through a wide range of equipment manufacturers, ensuring the most extensive selection of complementary equipment to build out your production line. We serve industries such as plastics, chemicals, mining, lithium-ion battery minerals processing, fly ash, cement, foundry operations, foods, pharmaceuticals, carbon dioxide capture, biomass and other waste-to-energy markets.

Prior to manufacturing any equipment, materials and products are tested and proven in one of our state-of-the-art Innovation Centers to provide the best solution to unique processing challenges. Our team of experts use the lab analysis of material characteristics and measurements of material behavior to build systems that meet your specific requirements. And, with a worldwide team of aftermarket sales and support experts, CPEG ensures optimal performance of your equipment and process line.



**Thermal & Dry Solids
Processing Equipment**

CPEG

CARRIER
PROCESS
EQUIPMENT
GROUP



Carrier Vibrating Equipment engineers reliable, efficient machinery to solve unique challenges. From performance testing to design and manufacturing, processors trust Carrier with production equipment such as vibrating conveyors, feeders, screeners, fluid bed dryers and coolers, and more.



Vibratory & Static Fluid Bed Dryers / Coolers



Flash, Tornesh & Media Slurry Dryers



Bulk Material Heating / Cooling Exchangers



Foundry Shakeouts & Equipment



Vibrating Conveyors



Vibrating Spiral Elevators



Vibrating Feeders



Vibrating Screeners



Bin & Storage Pile Dischargers



Heyl Patterson Thermal Process equipment is used in industries around the world for process heating and cooling needs. From industrial rotary calciners, rotary dryers and coolers, to specialized thermal processors, our products are highly efficient in processing a wide range of materials.



Rotary Calciners



Rotary Dryers / Coolers



MultiDisc Processors



S. Howes has been designing and manufacturing custom, quality, and American-made industrial processing equipment for generations. Our mixing, conveying, screening, size reduction, and thermal process equipment are built to last a lifetime. In fact, we have equipment built 75 years ago that is still in use today.



Thermal Screw Conveyors



Split Tube Screw Conveyors



U-Trough Screw Conveyors



Tubular Screw Conveyors



Thermal Mixers



Batch & Continuous Mixers



Screener & Separators



Size Reduction



Sly designs and manufactures a high-quality line of reliable baghouses, dust collectors, wet scrubbers, loading spouts, replacement parts, sheet metal fabrication, and a variety of fabric filter media options that will keep your company running cleanly and efficiently for years to come.



Dry Dust Collectors



Wet Scrubbers



Bulk Solids Loading Spouts

Bufovaks

Bufovaks' products range from dryers and flakers to evaporation, distillation and separation equipment. We specialize in providing engineering driven solutions for food, chemical, pharmaceutical and environmental processes. Our products provide expert drying or cooling solutions tailored to our customer's process needs.



Atmospheric &
Vacuum Drum Dryers



Vacuum Shelf, Pan
& Rotary Dryers



Cooling Drum
Flakers



Evaporation, Distillation &
Separation Systems

PK BLENDERS

Patterson Kelley (PK) provides blending and powder processing equipment for a wide variety of processing applications for pharmaceuticals, foods, and more. Our custom designed and manufactured solutions include tumble blending, intensified blending, liquid-solids blending, lab blending, wet granulation, and vacuum drying.



Tumble Blenders



Continuous Blenders



Lab Applications



Dryers

HEBELER HOWARD MARTEN

HHM provides fluid systems for lubrication, seal oil, heating and cooling, fuel and filtration applications for large rotating equipment OEMs. HHM serves the power generation, mining, petrochemical, cement, pulp and paper, and steel industries.



Lubrication Systems



Hydraulic Systems



Kinergy focuses on engineering vibratory equipment that functions with the least amount of power being used. Products include bin activators, feeders, conveyors, and screeners for a wide variety of industrial applications.



Bin Dischargers



Vibratory Feeders

Aftermarket Parts & Service

We understand that timely access to genuine spare parts is essential for maintaining the reliability and performance of your equipment. We offer an extensive inventory of both fabricated and component aftermarket parts that are precision engineered and tested to provide the best performance.

- 24/7 service availability with a worldwide network of service technicians
- Stock parts and fabricated components for all CPEG companies
- Preventative Maintenance and Service Agreement programs available
- Commissioning Support and Services



Industries We Serve

CPEG serves many industries worldwide with innovative equipment solutions for powder and bulk solids processing and material handling. Our industrial manufacturing companies and comprehensive product line is recognized around the globe for reliability and performance.



Complete Process Systems from One Single Source

CPEG provides equipment solutions for every stage of the process, including material handling and preparation, mixing and blending, thermal and mechanical processing, chemical reaction and conversion, finishing and conditioning, and product recovery or reuse. Across our family of companies, each brand contributes specialized technologies designed to integrate into complete production lines. With a broad range of process equipment, auxiliary systems, and automation capabilities, CPEG delivers engineered solutions to meet precise production requirements in diverse industrial applications.

Carrier

HEYL PATTERSON
THERMAL PROCESSING

S.HOWES[®]

SLY[®]
AIR POLLUTION
CONTROL

Bułłovak

IPK
BLENDERS

**HEBELEH
HOWARD MARTEN**

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**Custom Process Solutions.
Tested Here. Proven Around the World.**

Engineering, Design & Manufacturing

- Technology profile of over 150 patents
- Equipment designs are verified using Finite Element Analysis (FEA)
- 3D equipment modeling
- Manufacturing facilities on 3 continents and two state-of-the-art laboratory testing facilities
- Expertise working with a wide variety of steel and other exotic alloys
- In-house machining, cutting, robotic welding, CNC plate roller and 500 ton press brake
- Welders certified to ASME & AWS standards



Innovation Center & Test Lab

Trust that your powder and bulk solids processing is efficient with CPEG's state-of-the-art test labs. Validate your process and secure reliable production samples through multistep testing that simulates field operation. Our thorough analysis ensures an efficient, reliable, scalable, and safe solution.

- Field testing is available when lab testing would not effectively simulate process operating environments.
- Rental equipment is also available for longer-term testing and product development at your facility.

