

EXPERTISE

Work with a company that understands your business. Gasbarre has been building presses for over 40 years, and we understand the needs of our customers— and the obstacles to their success. Expert advice comes standard with a Gasbarre press.

SELECTION

Mechanical, Hydraulic, Electric, Isostatic, High Speed; Gasbarre Press offers the widest selection of presses and accessory products available. Our presses are designed and built for maximum flexibility within your operation, allowing a wider range of use and faster ROI. Because your press should fit your needs, not the other way around.

SERVICE

Our customers require maximum up-time, and we provide unmatched field service to deliver just that. In addition to emergency press service, Gasbarre offers machine operation and maintenance training as well as custom-designed maintenance programs performed by Gasbarre professionals. When our customers need help the most, we're only a call away.

WORLDWIDE SUPPORT

Gasbarre Products' qualified technicians, trainers, and sales staff offer prompt courteous assistance to help maintain your press at peak performance. Consultation is available via telephone or email, or on-site through our worldwide network of factory trained technicians.



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PRESS
FURNACE
TOOLING
AUTOMATION

CORPORATE OVERVIEW



GASBARRE



Gasbarre Mechanical Press
Die Set Series

GASBARRE MECHANICAL PRESSES

Mechanical, Compacting & Sizing Presses

The Gasbarre Mechanical Press is an internationally acclaimed designer and manufacturer of mechanical powder compaction and sizing presses for the particulate material industries. Press capacities range from 5 tons to 800 tons. There is a variety of designs available to manufacture simple-to-complex multiplelevel components. Gasbarre also offers a wide range of industry related accessories including the TOPS Warm Compaction System, Die Wall Lubrication System, Fluidized Fill Shoe System, Rotary Parts Accumulators, and Gasbarre Sizing Press feeding systems. Gasbarre's Customer Service technicians are ready to help, and support the extensive rebuild services which are offered. All of this coupled with a state-of-the art manufacturing facility provide for an unparalleled supply of equipment and services.



PTX Multipak® Anvil Press
With Powder Feeder

PTX-PENTRONIX

High Speed Compacting Presses

PTX-Pentronix designs and manufactures high-speed mechanical powder compaction presses ranging from 2 to 35 tons for ceramics, magnets, ferrites, carbides, plastics, and powder metal industries worldwide. We pioneered precision anvil pressing for unprecedented accuracy, repeatability, and productivity. Also offered, is the opposed ram design that is a 3-mode press; it can press in anvil mode, conventional to down mode, or opposed ram mode.

At Gasbarre Products, Inc., we believe in partnering with our customers to provide the right machine for each application. We offer start-to-finish equipment, from powder handling equipment, to tool and die, presses, furnaces and finishing, for production of parts in the powder metallurgy, technical ceramics, plastics, carbides, and refractory metals industries.

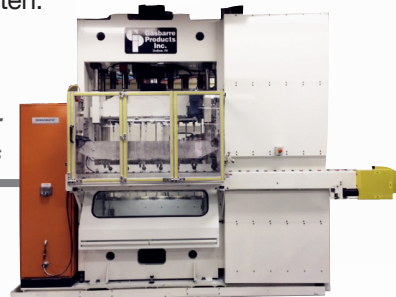


Gasbarre Hydraulic Press

GASBARRE HYDRAULIC PRESSES

Hydraulic Compacting & Sizing Presses

Gasbarre's Hydraulic Compaction Presses are manufactured in capacities from 15 tons to 1,200 tons for single level or multi-level parts for carbides, ceramics, powder metals, polymers, and other particulate material industries. Gasbarre's CNC Control System allows easy operation utilizing a touchscreen HMI for parameter setting and storage. This allows for remote diagnostics by Gasbarre's Customer Service Team. Possible configurations include opposed ram with push-up ejection, or withdrawal ejection with a conventional top ram and lower ram, connected to the die platen.



Simac Denso 2100 Bar
Cold Isostatic Press

SIMAC

Isostatic Presses

Simac produces cold isostatic presses for compaction of various powder compositions. The latest technology for dry bag pressing is employed. Monostatic presses are single-cavity dry bag isostatic presses designed to cover the production needs from research development, to batch production. Densoomatic presses are automatic, multi-cavity dry bag isostatic presses capable of producing different components at the same time. All Simac presses are capable of producing a wide range of complex shapes or basic components from a variety of materials.

Sinterite Continuous Furnace



SINTERITE

Continuous Belt Sintering Furnaces

Sinterite Products is a custom designer and manufacturer of continuous and batch furnaces for sintering, steam treating, annealing, heat treatment, tempering, and brazing. Specially designed continuous mesh belt furnaces have temperature capabilities to 2200°F (1200°C) and 100 percent hydrogen gas atmosphere. Sinterite also manufactures the HyperCooler Accelerated Cooling System for sinter-hardening or in-line gas quenching. The Sinterite Accelerated Delube Systems can be placed in-line with the sintering furnaces to enhance the delubrication process. Powder handling products, such as Powder Barrel Dumpers, Bulk Powder Inverters, and Flexible Bag Hangers are available. Fast turn-around of replacement muffles, cooling chambers and specialty fabrications.

C.I. Hayes Continuous Vacuum Furnace



C.I. HAYES

High Temperature Furnaces

C.I. Hayes, established in 1905, is a well-known industrial furnace manufacturer that has been active in many industries. Hayes uses the latest technologically advanced designs and components for all of the equipment manufactured. Specific Hayes designs include batch vacuum furnaces, continuous vacuum furnaces, integral quench vacuum furnaces, high temperature push type furnaces, atmosphere generators, and dryers. Full rebuild services available.



McKee and Major
Tooling Components

McKEE CARBIDE TOOL

Tooling & Precision Machined Components

McKee Carbide Tool has been a leader in precision machining and tooling components for the electronics, powder metal, and advanced materials industries for over 30 years. Manufacturing tolerances as low as .0001 inch (0.0025 mm) assure precision accuracy and repeatability while following McKee's stringent ISO 9001 quality system. Our areas of expertise include design and manufacture of miniature compaction tooling, shock absorber component compaction tooling, precision jigs and fixtures, and wear parts for precision automated machinery.

Gasbarre IFS
Integral Quench
Furnace



GASBARRE IFS

Heat Treatment Equipment & Components

Gasbarre Industrial Furnace Systems provides a line of leading-technology heat treating equipment. Products including batch and continuous annealing furnaces (including powder annealing), continuous harden, quench and temper furnace lines, batch and continuous tempering furnaces, box furnaces for reheat and forging. IQ furnaces, mesh belt brazing furnaces, tip-up furnaces, pit furnaces, charge cars, quench tanks, water cooling systems, endothermic, exothermic and dissociated ammonia gas generators, and parts washers. Computer Management System (CMS) and other options are available. The field service department at IFS can repair, rebuild or relocate your heat treat equipment from small-to-extremely large projects.

MAJOR GAUGE & TOOL

Tooling & Precision Machined Components

Major Gauge & Tool has led the global Powder Metallurgy Industry in innovative tool design for more than 60 years, manufacturing tooling & adaptors for 2 to 1650 ton presses. Conventional and multi-level PM tools, gears such as helical, spur, bevel, and straight gears are our core business. Major has pioneered tools for the pre-form and hot forging of various PM connecting rods and warm-formed parts. We design for all presses used in the PM process; mold, coin, size, warm-forming, and hot forge. Quality is assured with ISO 9001 certification.