

The Equipment category is for EPMA Member companies that are active in the manufacture of powder metallurgy equipment, such as pressing machines, furnace/sintering kilns, vacuum or atmospheres, optional manufacturing steps, sizing, repressing, metal infiltration and optional finishing steps, heat treatment, plating, Hot Isotatic Pressing (HIP).

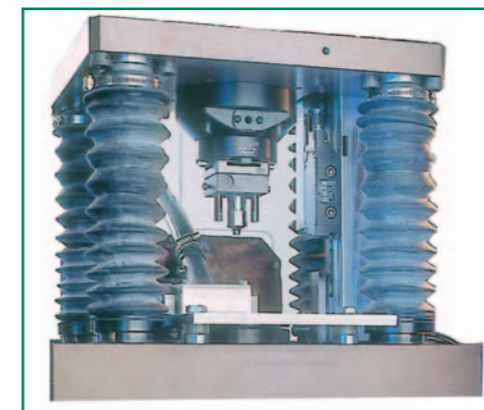
2009 Guide to

Powder Metallurgy Powders & Equipment Manufacturers

Company	Country	Powder Production Equipment	Presses/ Moulding Equipment	Sintering Furnaces /Debinding Equipment	Process Consumable / Tooling	Finishing Processes Equipment	Handling & Testing Equipment	Website
ALD Vacuum Technologies GmbH	Germany			X				www.ald-vt.de
ALVIER AG PM-Technology	Switzerland				X		X	www.alvier.com
ARBURG GmbH + Co KG	Germany		X		X		X	www.arburg.com
Atomising Systems Ltd	United Kingdom	X						www.atomising.co.uk
Avure Technologies AB	Sweden		X		X			www.avure.se
Cell Impact AB	Sweden							www.morphic.se
Cremer Thermoprozessanlagen GmbH	Germany	X		X	X	X	X	www.cremer-furnace.com
Dieffenbacher GmbH + Co. KG	Germany		X		X		X	www.dieffenbacher.de
Dorst Technologies	Germany	X	X		X		X	www.dorst.de
Eisenmann Anlagenbau GmbH & Co. KG	Germany			X			X	www.eisenmann.de
ELINO Industrie - Ofenbau Carl Hanf GmbH + Co. KG	Germany	X		X	X	X	X	www.elino.de
Elnik Systems div. of PVA MIMtech, LLC	USA			X				www.elnik.com
EROWA Ltd	Switzerland				X		X	www.erowa.com
Fette GmbH	Germany		X					www.fette.com
Hydropulsor AB	Sweden		X					www.hydropulsor.com
KOMAGE Gellner KG	Germany		X		X		X	www.komage.de
Lasco Umformtechnik GmbH	Germany		X				X	www.lasco.de
Lauffer Pressen	Germany		X		X		X	www.lauffer.de
Loemi GmbH	Germany			X				www.loemi.com
Mahler GmbH	Germany	X		X	X	X		www.mahlerofen.de
Matcon Group Ltd	United Kingdom	X					X	www.matcon-cone.com
Osterwalder AG	Switzerland		X				X	www.osterwalder.com
SMS Meer GmbH	Germany		X				X	www.sms-meer.com
SUMCA SAS	France				X			www.sumca.fr



Powder Metallurgy (PM) is the innovative and environmentally friendly process of producing component parts using metal powder. The EPMA 2009 Guide to Powder Metallurgy Powders & Equipment lists all of the EPMA Members that are active in the manufacture of metal powders, such as Ferrous, Bronze, Brass, Copper, Tungsten and Hardmetal powders and the Member companies that produce PM supply chain Equipment, such as pressing machines, furnace/sintering kilns, vacuum or atmospheres, optional manufacturing steps, sizing, repressing, metal infiltration and optional finishing steps, heat treatment, plating and Hot Isotatic Pressing (HIP) equipment.



Additional to the PM Process is the Metal Injection Moulding (MIM) process that has over the past decades established itself as a competitive manufacturing process for small precision components, which would be costly to produce by alternative methods.

Both the PM & MIM processes are capable of producing large and small volumes of complex shaped components from many different types of materials including metals, ceramics, intermetallic compounds and composites.



PM & MIM components made are finding applications in industry sectors such as automotive, chemical, aerospace, business equipment, computer hardware, bio-medical and armaments, to name but a few.

This booklet is in an easy-to-use quick reference tabular format, providing product information and contact details for each EPMA Member company.



EPMA Website: Comprehensive PM Information

The EPMA Website is a world leading source of PM information. The EPMA Members online directory is an easy-to-use searchable database that provides detailed company profiles, product listings and contact details.

www.epma.com/members_directory

Metal Powder Manufacturers

Company	Country	Ferrous	Non-Ferrous	Refractory	Magnetic	Hardmetals	Other	Pressing	MIM Feedstocks	Website
AcuPowder International LLC	USA	X	X					X		www.acupowder.com
Air Products Europe	United Kingdom									www.airproducts.com
American Chemet Corporation	USA		X				X			www.chemet.com
AMETEK Specialty Metal Products	USA	X			X		X			www.ametekmetals.com
Asbury - Southwestern Graphite Co.	USA						X			www.asbury.com
BASF SE	Germany	X							X	www.basf.de/catamold
Boehler Uddeholm Powder Technology	Austria					X				www.boehler-uddeholm.com
Carpenter Powder Products AB	Sweden	X	X				X			www.carpenterpowder.com
CM Chemiemetall GmbH	Germany			X						www.chemiemetall.de
Diamond Innovations	Germany					X				www.diamondinnovations.com
Durit-Metalurgia Portuguesa Do Tungstenio Lda	Portugal					X				www.durit.pt
ECKA Granulate GmbH & Co. KG	Germany		X				X			www.ecka-granules.com
Element Six	Ireland					X				www.e6.com
Erasteel SA	France									www.erasteel.com
Eurotungstene Metal Powders	France	X	X	X		X				www.eurotungstene.com
Global Tungsten & Powders spol. s r.o.	Czech Republic			X		X				www.globaltungsten.com
Graphit Kropfmühl A G	Germany						X			www.gk-graphite.com
H C Starck GmbH	Germany			X		X	X			www.hcstarck.com
H L Blachford Ltd	Canada							X		www.blachford.ca
Hitachi Powdered Metals Co Ltd	Japan									www.hitachi-pm.co.jp/english
Hoeganaes Corporation	USA	X			X		X			www.hoeganaes.com
Hoeganaes Corporation Europe GmbH	Germany	X								www.hoeganaes.com
Hoganas (Great Britain) Ltd	United Kingdom	X								www.hoganas.com
Hoganas AB	Sweden	X	X		X		X	X		www.hoganas.com
Hoganas Belgium SA	Belgium	X								www.hoganas.com
Hoganas GmbH	Germany	X	X		X			X		www.hoganas.com
Intrinsiq Materials	United Kingdom		X	X	X	X	X			www.intrinsiqmaterials.com
JFE Steel Co.	Japan	X								www.jfe-steel.co.jp
Jinduicheng Molybdenum Group Co.,Ltd	P R China			X						www.jdcmmc.com
Kobe Steel Ltd	Japan	X	X		X		X			www.steel.kobelco.co.jp
Linde Gas	Germany									www.linde-gas.com
Makin Metal Powders Limited	United Kingdom		X				X			www.makin-metals.com
Metallied Powder Solutions SA	Spain	X	X				X			www.metallied.com
Metalpolveri Srl	Italy	X								www.metalpolveri.it
Nippon Atomized Metal Powders Co	Japan	X	X				X			www.atomize.co.jp
NMD New Materials Development GmbH	Austria									www.nmd.at
OMG Kokkola Chemicals Oy	Finland		X	X						www.omgi.com
Polymer - Chemie GmbH	Germany	X								www.polymer-chemie.de
Pometon SpA	Italy	X	X							www.pometon.com
QMP, Canada	Canada	X			X					www.qmp-powders.com
Sandvik Osprey Ltd - Powder Group	United Kingdom	X	X	X	X		X			www.smt.sandvik.com/osprey
Schlenk Metallic Pigments GmbH	Germany		X							www.schlenk.de
SCM Metal Products Inc	USA		X				X			www.scmmetals.com
Sentes-BIR A.S.	Turkey		X				X			www.sentes-bir.com
Sintez RusMIM	Russia	X					X			www.sintez.nnov.ru
Timcal Graphite & Carbon	Switzerland						X			www.timcal.com
Uddeholm Tooling AB	Sweden	X	X							www.uddeholm.com
Umicore SA	Belgium			X		X				www.umicore.com
United States Metal Powders Incorporated	USA		X							www.usbronzepowders.com
Vale Inco Europe Ltd	United Kingdom		X				X			www.valeinco.com
Wolfram Bergbau & Huettenges GmbH	Austria			X		X	X			www.wolfram.at

The Metal Powders category is for EPMA Member companies that are active in the manufacture of metal powders, such as Ferrous, Bronze, Brass, Copper, Tungsten and Hardmetal powders, for use in the Powder Metallurgy process.

Powder used in the PM Process



Components that can be made using the PM Process



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