

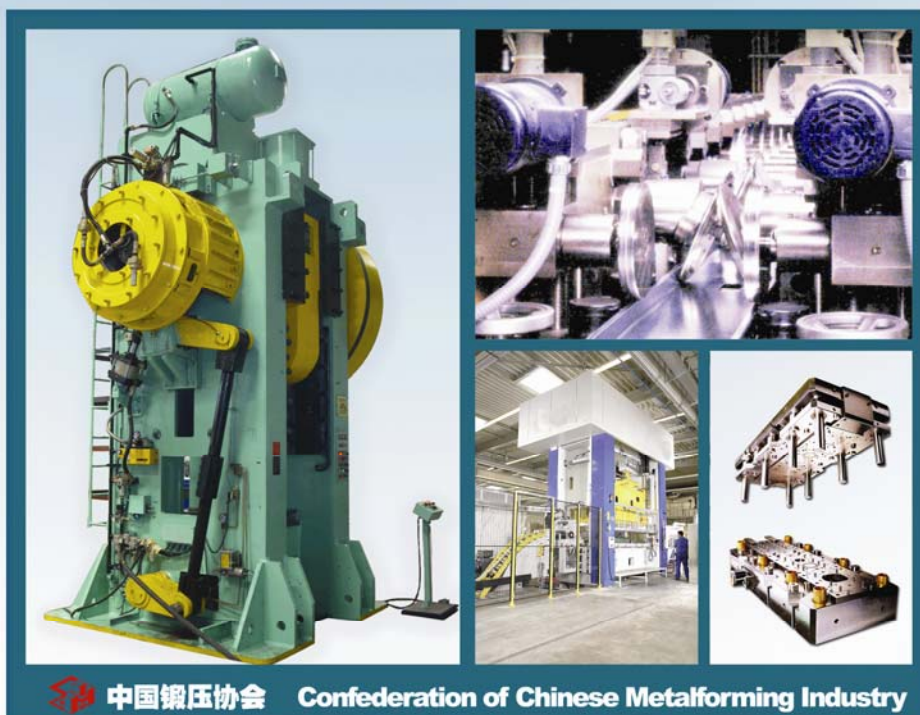
Good Opportunity to let Chinese Buyers know you



**METALFORMING
MACHINERY & TECHNOLOGY
WORLD BUYERS GUIDE (2009-2010)**
(CHINESE & ENGLISH VERSION)

世界锻压装备与技术采购指南

中英文版 (2009 ~ 2010)



Welcome to the unique Buyers Guide through the whole Chinese Metalforming Industry:

Targeted Reader: the Chinese stampers, fabricators, forgers, the related department of OEM enterprises, commercial companies and R & D institutes etc.

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METALFORMING MACHINERY & TECHNOLOGY WORLD BUYERS GUIDE

(CHINESE & ENGLISH VERSION) (2009-2010)

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Email: exhibition@chinaforge.org.cn Website: www.china-metalform.com/english/

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ENTRY INTO A FOCUSED WORLD BUYERS GUIDE BOOK NOW

It is well known that, in recent years China is the only one country that is still showing the very fast growth rate. To keep up the pace, there is no doubt that Chinese Government will increase its investment on the new equipment-purchasing and old machine upgrading for the manufacturing industry including metalforming sector. All these sign a good chance for all the overseas companies, especially the metalforming manufacturers, to export their equipment and technology, to set up their own Chinese subsidiary and to cooperate with their Chinese partner in order to explore the biggest consumer market in the world in the 21st century.

Recent statistics show that 70% of the forging and sheetmetal forming machinery in China are about 20 years old or more, and our forging and stamping makers have recognized the needs to replace these outdated equipments and are seeking new alternatives, such as purchasing new machineries, licensing state-of-the-art technologies and other avenues of progress.

The Confederation of Chinese Metalforming Industry has been published Metalforming Machinery & Technology in May 2004, it attracted a lot of attention from related trade all over the world. And the Buyer Guide 2005-2006 sell well in the last two year.

As a result, Book of *Metalforming Machinery & Technology World Buyers Guide* is scheduled to be published in November 2007, by Confederation of Chinese Metalforming Industry (CCMI). The buyers guide is an outstanding showcase for CCMI members and will be used extensively by buyers as they seek high quality providers of metalforming equipments and technologies. In this guide, buyers can easily locate your company's details information, along with more than **800** of the world's leading companies for metalforming manufacturing machineries and technologies.

Any enterprises information that needs to be amended, please fill in the information form, and return to:

Confederation of Chinese Metalforming Industry (CCMI).



LIST OF CATEGORIES

LOCATE YOUR CATEGORY, AND USE THE CORRESPONDENT CODE (SUCH AS: 1A01) IN THE INFORMATION FORM.

1. Forging Equipment & Technology category

A. Forging equipment & auxiliary

- 01 Hot mechanical forging press, press for trimming, punching
- 02 Multi-station hot forging press.
- 03 Multi-station cold former (ball former, nut & bolt forming)
- 04 Friction screw press
- 05 Screw press (direct driven, hydraulic or clutch type)
- 06 Coining & straightening press, extrusion press.
- 07 Spinning press
- 08 Universal hydraulic press
- 09 Hydraulic extrusion press
- 10 Hydraulic forming press for powder and plastic parts.
- 11 Hot former (Multi station)
- 12 Automatic screw rolling machine
- 13 Screw-hobbling machine
- 14 Bending former, automatic spring former
- 15 Chamfering machine for bolt.
- 16 Spring spacer forming
- 17 Drawing and pulling machine
- 18 Air hammer
- 19 Steam air hammer (driven head, hydraulic driven head)
- 20 Hydraulic hammer and pneumatic – hydraulic hammer
- 21 Counter blow hammer
- 22 Upsetter
- 23 Wedge rolling machine, multi-station forging machine
- 24 Spinning machine, rolling machine
- 25 Ring rolling machine, die forging lines
- 26 Radial forging machines
- 27 Open-die hydraulic forging presses
- 28 Hydraulic direct driven presses
- 29 Orbital forming presses
- 30 Electronic upsetter

B. Automation

C. Consulting Services

D. Forging tooling & its manufacturing materials and equipment

- 01 Forging die
- 02 Extrusion die
- 03 Roll forging die
- 04 Upsetting die
- 05 Orbital forging die
- 06 Calibration die
- 07 Coining die
- 08 Sizing die
- 09 Precision forging die
- 10 PM compacting and forging die
- 11 Trimming die
- 12 Piercing die
- 13 Hot forging die steel
- 14 Cold forging die steel
- 01 Profiling milling boring machine
- 02 Vertical milling machine
- 03 CNC-high speed milling machine
- 04 Wiring cutting machine
- 05 Pneumatic, electronic grinding tools
- 06 Computer tech. & inspection & test machine
- 07 Other die-making machines
- 08 Die Materials/Die Blocks
- 09 EDM, Tool & Die, Machinery Services
- 10 Tooling Equipment
- 11 Welding & Equipment

E. Forging & heat-treatment furnace & energing saving technology

- 01 Induction heater, coil repara

- 02 Air-control heater for forging and heat-treatment
- 03 Coal furnace
- 04 Box electronical heating furnace & gas generator
- 05 Manipulator for furnace, nozzle, pre-heating system
- 06 Refactory
- 07 Energy saving technology
- 08 Electronic Controls
- 09 Energy Utilities
- 10 Heat Treating

F. Import/Export Services

G. ISO/QS 9000 Registration &

Certification

H. Machine Repair & Rebuilding

I. Process Design & CAD CAM

J. Forging Test & Inspection

- 01 Metallograph microscope, electronic scanning microscope, deep hold spying-scope.
- 02 Measurement device, records and control screen for furnace temperature, pressure, flow, proportional adjustment; magnetic flaw detector, hardness separator
- 03 Ray, X-ray, and isotope fault finder
- 04 Painting check machine, super-sonic detector
- 05 Material tester and recorder
- 06 Size measuring device for hot and cold forgings, and automatic tester and inspection system
- 07 Portable optical pyrometers
- 08 Hardness testers
- 09 Fatigue test and creeping test
- 10 Process control and quality control
- 11 Control and adjust
- 12 Measuring, test and marking machine
- 13 Test / measurement / inspecting device and system
- 14 Data treat system (hard/soft ware)

K. Forging Auxiliaries

- 01 Billet cutter, precision billet shear
- 02 Abrasive wheel saw
- 03 Electrode cutter
- 04 Large section flame cutter
- 05 Forging cleaning machine, cleaning cylinder and cabinet
- 06 Blast cleaning machine, polishing machine
- 07 Stress releasing machining
- 08 Forging manipulator and robot
- 09 Tool handle machine
- 10 Forging loading and unloading machinery
- 11 Conveyor
- 12 Sawing / Shearing
- 13 Lubrication & Equipment
- 14 Material Handling
- 15 Finishing & Operations
- 16 Forging Materials
- 17 Foundation Systems
- 18 Hydraulics

2. Sheet Metal, Tube fabrication, Stamping, Forming Equipment & Technology Category

A. Handling Technology

- 01 Coiling/uncoiling equipment, reels
- 02 Stop systems
- 03 Pass line control system
- 04 Feeding/discharging equipment
- 05 Stacking devices
- 06 Ejecting devices

- 07 Workpiece insertion units
 - 08 Feeders
 - 09 Blank feeding units
 - 10 Robots for sheet metal working/handling
 - 11 Transfer facilities
 - 12 Feeding and loading equipment, general
 - 13 Magnetic workpiece fixing devices
 - 14 Vacuum fixing plates
 - 15 Storage of sheet metal parts
 - 16 Storage of coils
 - 17 Storage of blanks
 - 18 Tool handling
 - 19 Assembly technology
- #### B. Separation technology
- 01 Strip slitting units/systems
 - 02 Edge trimming equipment
 - 03 Trimming machines (manual/automatic)
 - 04 Fine blanking presses (manual/automatic)
 - 05 Blanking
 - 06 Laser cutting machines
 - 07 Plasma jet cutting machines
 - 08 Cutting to length and slitting machines
 - 09 Flame cutting equipment
 - 10 Slitting lines
 - 11 Cutting-off grinders
 - 12 Section, billet, ingot shears
 - 13 Circle cutting shears
 - 14 Curve cutting shears
 - 15 Slab shears
 - 16 Rotary shears
 - 17 Special shears and cutting machines
 - 18 Guillotine shears
 - 19 Length cutting machines
 - 20 Band sawing machines
 - 21 Circular sawing machines
 - 22 Other sawing machines
 - 23 Cutting machines for hollow shapes
 - 24 Water cutting systems
 - 25 Nibbling and notching machines
 - 26 Punching presses
 - 27 Precision blanking presses
 - 28 High performance feed presses (autom.)
 - 29 Turret punch presses
 - 30 Punching machines
 - 31 Turret presses
 - 32 Automated notching machines
 - 33 Perforating machines
 - 34 Specialized presses for punching/notching/stamping

C. Tube/section cutting & forming

- 01 Tube/section cutting and trimming (incl. Punching/stamping)
- 02 Tube/section forming (incl. Bending and CNC equipment)
- 03 Tube/section end forming and deburring
- 04 Tube/section measuring systems
- 05 Other tube/section working equipment

D. Flexible sheet metal fabricating technology

- 01 Trimming and forming machines
- 02 Sheet metal working centers
- 03 Bending centers
- 04 Cutting centers
- 05 Combined laser cutting/forming machines
- 06 Feed presses and automatic bending equipment
- 07 Transfer presses
- 08 Bending and folding incl.



- Workpiece/tool handling
- 09 Joining incl. Workpiece/tool handling
- 10 Can making machines
- 11 Roll forming equipment for special can necks and covers

E. Stamping & forming technology

- 01 CNC-presses
- 02 Double-sided presses
- 03 Eccentric presses
- 04 Foot lever presses
- 05 Hydraulic presses
- 06 Toggle lever presses
- 07 Crank presses
- 08 Mechanical presses, general
- 09 Pneumatic presses
- 10 Presses, general
- 11 Blow forging presses
- 12 Specialized presses
- 13 Fly presses
- 14 Bench presses
- 15 Die spotting presses
- 16 Four column presses
- 17 Two column (open gap) presses
- 18 Sheet metal profile rolling machines, spinning and flow forming machines
- 19 Sheet metal forming machines
- 20 Extruding presses
- 21 Thread rolling machines
- 22 Cold extrusion presses
- 23 Coining presses
- 24 Knurling machines
- 25 Tube end forming machines
- 26 Rollforming machines for hollow components
- 27 Roll-forming operations, general
- 28 Corrugating machines for sheet metal
- 29 Drawing/ironing machines
- 30 Spinning machines
- 31 Stretch wrap forming presses
- 32 Deep drawing presses
- 33 Bending machines
- 34 Bending/straightening presses
- 35 Sheet metal leveling machines
- 36 Sheet metal bending machines
- 37 Curling machines
- 38 Seaming machines
- 39 Flanging machines
- 40 Die sinking presses/press brakes
- 41 Straightening machines and equipment
- 42 Bending rolls/circular lamination
- 43 Folding machines
- 44 Roll-formers
- 45 Rounding off equipment
- 46 Sheet metal deburring machines
- 47 Plate edging machines
- 48 Edge trimming machines
- 49 Plate edge bevellers
- 50 Internal high pressure forming
- 51 Cold, warm and hot forming of profiles and plate

F. Machine elements

- 01 Drive technology/drive units
- 02 Turning rolls, turning and tilting tables
- 03 Flexible machine mountings
- 04 Cooling agents and systems
- 05 Light barriers/light curtains
- 06 Motors, generators and accessories
- 07 Blanking impact absorbers
- 08 Vibration absorbers
- 09 Spraying plants and equipment
- 10 Two-hand trip guards
- 11 Linear guidance systems
- 12 Energy supply and guidance systems (cable ducts, hoses, flexible energy conduits)

G. Tool & die and its manufacturing material for sheet & plate/ tube & pipe / section / wire metal working

- 01 Knives /shear blades
- 02 Cutting/punching tools (incl. Transfer tools, perforating tools, grooving

- tools)
- 03 Carbide tools
- 04 Roll-forming tools (leveling, section/thread forming, angled rolling, flow-forming rollers)
- 05 Spinning/pressing/straightening (incl. Thread forming, flow forming and flow turning tools)
- 06 Lancing/plunging/burring tools (incl. Die-plates, rollers, flow-turning tools)
- 07 Forming-by-raising tools, bending-by-bulging tools
- 08 Stretch-forming/embossing tools
- 09 Edge coiling tools (rollers for rounding bending, section forming)
- 10 Folding tools (edging, folding, rounding, creasing, bordering tools)
- 11 Tools for die-sinking presses/press brakes
- 12 Stacking/clinchng tools
- 13 Follow-on tool sets
- 14 Transfer tool sets
- 15 Other tools
- 16 Templates
- 17 Standardized components, guide elements
- 18 Lubricating equipment
- 19 Jigs
- 20 Heat treatment of tools/hard coatings
- 21 Clamping systems
- 22 Tool changing systems
- 23 Blanking tooling
- 24 Trimming tooling
- 25 Fine blanking tooling
- 26 Bending tooling
- 27 Drawing tooling
- 28 Tool and die making steel
- 29 Tool and die making & measuring equipment
- 30 Welding equipment

H. Surface technology for sheet metal/plate

- 01 Chemical surface treatment
- 02 Electrolytical surface treatment
- 03 Mechanical surface treatment
- 04 Surface protection
- 05 Dip-coating processes
- 06 Descaling
- 07 Cleaning appliances, general
- 08 Washing/degreasing equipment
- 09 Drying equipment
- 10 Lubrication (incl. Preparation)
- 11 Corroding
- 12 Belt grinding machines, general
- 13 Grinding machines for vessels
- 14 Pickling
- 15 Wide belt grinding machines
- 16 Brushing machines
- 17 Eroding
- 18 Long belt grinding machines
- 19 Polishing
- 20 Grinding
- 21 Grinding machines
- 22 Shot-blasting
- 23 Vaporizing
- 24 Melting
- 25 Electro-surfacing
- 26 Electrophoresis
- 27 Electrostatic powder coating
- 28 Electrostatic spray systems
- 29 Hot-dip zinc plating
- 30 Hot-dip tinning
- 31 Flame/laser spraying
- 32 Galvanizing
- 33 Powder reclamation equipment
- 34 Sinter coating
- 35 Diffusing
- 36 Diffusion annealing
- 37 Hardening
- 38 Consolidating

I. Process control and quality assurance

- 01 Components for control devices
- 02 Electric/electronic controlling devices

- (CNC)
- 03 Hydraulic controlling devices
- 04 Mechanical controlling devices
- 05 Pneumatic controlling devices
- 06 Other controlling/regulating devices
- 07 Control systems
- 08 Marking and measuring machines, surface plates
- 09 Precision measuring instruments
- 10 Marking, reading, tracking
- 11 CNC measuring machines, CNC inspection and measuring systems

J. Safety environment protection

- 01 Waste gas treatment
- 02 Extraction/filter devices/booths
- 03 Waste water treatment
- 04 Body protection
- 05 Noise and vibration protection
- 06 Air treatment/smoke and dust filters
- 07 Planning and consultation services
- 08 Environmental technology
- 09 Accident prevention systems/devices
- 10 Coolant/lubricant recycling

K. Workshop and warehouse equipment

- 01 Factory/warehouse equipment, general
- 02 Process/running materials, consumables
- 03 Tube stacking and bunching devices
- 04 Packaging, strapping band machines and equipment
- 05 Balances and weighing apparatus
- 06 Counting devices (electronic, mechanical)
- 07 Heat/cold protection
- 08 Containers and accessories
- 09 Conveyors
- 10 Gripping devices
- 11 Lifting platforms
- 12 Stacking trucks, fork lift trucks
- 13 Hoists (electric, mechanical)
- 14 Magnet systems (lifting, transportation, sheet separation etc.)
- 15 Vacuum lifting/transport appliances
- 16 Marking machines
- 17 Drilling machines
- 18 Machine brushes
- 19 Brushing tools
- 20 Deburring/edge chamfering machinery
- 21 Surface grinding machines
- 22 Tapping machines
- 22 Hand held tools (also electric and pneumatic)
- 23 Machines, devices, general workshop equipment
- 24 Workshop access. /furnishings
- 25 Tool and cutter grinding machines
- 26 Drawing machines and systems

L. Data processing (hard and software)

- 01 Integrated solution for sheet metal and section working (CAD/CAM)
- 02 Integrated design solution (2D/3D)
- 03 Other CAD/CAM/CIM applications
- 04 Process simulation
- 05 Interlacing and development
- 06 Process control, measuring and guidance systems
- 07 Other applications in manufacturing
- 08 Data service and administration (incl. Data conversion, graphics storage and warehouse control, integrated factory solutions)

M. Services, information and communication

- 01 Research and development institutes
- 02 Engineering and consultancy offices
- 03 Maintenance and refurbishment of machines
- 04 Associations, institutions
- 05 Specialist publishing houses
- 06 Investment financing /leasing



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METALFORMING MACHINERY & TECHNOLOGY WORLD BUYERS GUIDE (CHINESE & ENGLISH VERSION)

— **Advertisement Closing Date:** 1st Sep, 2009 — **Information Closing Date:** 1st Oct, 2009

If you have more questions regarding the Buyers Guide, please email us at exhibition@chinaforge.org.cn.

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Address: Jia No. 32, Zizhuyuan Road, Beijing 100048, P. R. China
Tel: +86-10-68465045 Fax: +86-10-68465044 E-mail: exhibition@chinaforge.org.cn

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