
数控锤


液压机


电液锤


空气锤


操作机


装取料机


铆接机


金属屑压块机

美国 挪威 意大利 加拿大 英国
伊朗 罗马尼亚 法国 朝鲜 斯里兰卡
毛里塔尼亚 马达加斯加 越南 菲律宾 塞内加尔
肯尼亚 香港 斐济 几内亚 比利时
澳门 伊拉克 澳大利亚 埃塞俄比亚 老挝
尼泊尔 日本 苏丹 柬埔寨 塞浦路斯
芬兰 新西兰 泰国 也门 赞比亚
利比亚 阿富汗 巴林 巴西 叙利亚
巴基斯坦 印度尼西亚 博茨瓦纳 马里 孟加拉
阿尔巴尼亚 莫桑比克 秘鲁 缅甸 马来西亚
坦桑尼亚 土耳其

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安阳锻压

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ANYANG FORGING-PRESS (GROUP) MACHINERY INDUSTRY CO.,LTD

安阳锻压

为锻造行业发展服务

Service for The Development of Forging Industry

企业简介

Introduction

安阳锻压（集团）机械工业有限公司（原安阳锻压设备厂），是一家具有近60年生产锻压设备历史和国内生产锻锤行业规模最大的企业。集团公司被认定为国家级高新技术企业，是国内数控全液压模锻锤、电液锤、空气锤等产品国家标准起草制定厂家，是河南省高技术高成长型企业之一，省重点装备企业，是国家锻造协会常务理事和河南省锻造协会副会长单位。

公司主要产品有数控全液压模锻锤、电液锤、电液动力头、空气锤、大型热锻液压机、锻造装出料机、锻造操作机、液压铆接机和金属屑压块机等。公司生产的C41系列空气锤曾荣获“国家产品质量银质奖”称号。开发研制的数控全液压模锻锤获得国家四项专利，荣获“河南省科技进步奖”。集团公司通过了IS09001：2000质量认证，两种产品获国家旨在保护名优产品“原产地标记注册认证”。

集团公司现占地300余亩，有数控大型设备生产基地，锻锤生产基地，大型锻件生产基地和锻造设备配件生产四大基地。设有省级产品设计研发中心，并设有销售中心、售后服务中心、质量检测管理中心、机加工中心和大型热处理及产品装配中心，能为客户提供“一条龙”式的系统服务。

集团公司遵循“技术创新第一、产品质量第一、产品销量第一、售后服务第一”的经营宗旨，为国内、外客户提供规格全、质量优、价格廉的各种锻造设备产品，远销欧美等56个国家和地区，深受用户赞誉和好评。

安锻人奉行为锻造行业发展服务、为锻造行业用户服务、追求用户满意为宗旨，为社会提供优质产品和服务。

打造中国锤品牌

FORGE CHINA FAMOUS BRAND

建造世界数控锻锤基地

BUILD WORLD CNC HAMMER BASE

为锻造行业用户服务

Service for The Forging Industry Users

安阳锻压

Brief Introduction of Company

Anyang Forging Press(Group)Machinery Industry Co.,Ltd（original Anyang Forging Press Equipments Factory）is the biggest forging hammer manufacturer in China. Our company has 60 years history in producing forging equipment. Our company has been identified as the national high-tech company. We drafted the national standard for CNC Fully Hydraulic Die Forging Hammer, Electro hydraulic forging hammer and Pneumatic forging hammer. Our company is one of the high-tech and high-growth enterprises in Henan province. We are the Executive director of China Forging Association and the Vice President of the Henan province Forging Association.

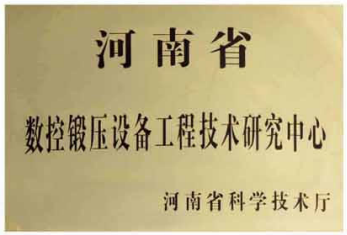
Our main products include CNC Fully Hydraulic Die Forging Hammer, Electro hydraulic forging hammer, Electro hydraulic power head, pneumatic forging hammer, Large hot forging hydraulic press, forging manipulator, loading and Fetching Manipulator, hydraulic riveting machine, hydraulic briquette press for metal scrap etc equipments. Our C41 series pneumatic forging hammer has been awarded the top prize by the Chinese Government and the best brand machine in Henan Province. CNC Fully Hydraulic Die Forging Hammer has been awarded the Reward of Henan Science and Technology Progress and National Patent Award for 4 items. Our company has passed ISO9001:2000 quality certificate. Two products have been given the original certificate to protect the best quality machines.

Our company covers about 60 acres with four production base including large numerical control forging press equipments production base, forging hammer production base, large forgings production base and forging equipment accessories production base. Our company has the provincial level products design and research center and has sales center, after-sale center, quality control and management center, machining center and large heat treatment and product assembly center, which can provide the complete set of service.

Our company follows the principles of "technical innovation first, quality first, sales amount first and after-sales service first" and offer all kinds of forging equipments of complete specifications, superior quality and competitive price. Our products have been exported to Europe, American etc 60 countries and regions and gain high reputation all over the world.

Our company follows the principle to service for the forging industry development, for forging customers and pursuit the satisfaction of customers. We will offer the high-quality products and service to contribute our effort for the development of world forging industry.

企业荣誉
Company Glory



为锻造行业发展服务
Service for The Development of Forging Industry

企业价值观
Company Values

企业核心价值观

提高用户满意度 敬业报国家 强企促发展 裕民促提升

企业愿景

打造中国锤品牌 建造世界数控锻锤基地

企业追求

技术创新第一 产品质量第一 产品销量第一 售后服务第一

企业精神

团结 奉献 拼博 创新

企业风范

真诚 热情 谦和

打造诚信的安锻，做诚信的安锻人

河南省科技副省长徐济超
视察安锻(集团)公司数控锤产品

河南省省长郭庚茂、副省长史济春、安阳市委书记张广智
视察安锻（集团）公司数控锤生产基地

安阳市市长张笑东、市委政法委书记朱明
到安锻（集团）公司视察数控锤基地建设

为锻造行业用户服务
Service for The Forging Industry Users

工作理念
Working Philosophy

◎ 产品质量是我们的生命，用户至上是我们的脊梁

◎ 要想让用户满意，必须先让下工序满意

◎ 满足用户需求，超越用户期望

◎ 公司力量靠人气，公司氛围有正气，公司排难凭骨气

◎ 勤奋工作+努力学习=安锻职工

美国锻锤经销商访问我公司

越南数控锤用户访问我公司

韩国锻锤用户访问我公司

我公司C92K-63KJ数控锤在越南用户处使用

印度数控锤用户访问我公司

C92K系列数控全液压模锻锤
C92K Series CNC Fully Hydraulic Die Forging Hammer

适用范围：

本产品适用于各种零件的精密锻造和多模腔锻造。实现了高速和高效率的连续锻造，可实现模锻自动化生产线，满足了模锻件的高效率快速成形，提高了锻件质量。

Adapbility:

The CNC Fully Hydraulic Die Forging Hammer is suitable for all kinds of forgings with precision forging and multiple molds forging. It can realize high speed and high efficiency continuous production, realize automatic production line, satisfy the closed die forgings with high efficiency of fast shaping, improve the quality of forgings.

主要技术参数
Main technical parameters

C92K系列数控全液压模锻锤技术参数
Main Technical Parameters of C92K Series CNC Fully Hydraulic Die Forging Hammer

型号 Type	C92K -6.3	C92K -8	C92K -10	C92K -12.5	C92K -16	C92K -20	C92K -25	C92K -31.5	C92K -40	C92K -50	C92K -63	C92K -80	C92K -100	C92K -125	C92K -160	C92K -200	C92K -250	C92K -320	C92K -400
打击能量（KJ） Hit energy	6.3	8	10	12.5	16	20	25	31.5	40	50	63	80	100	125	160	200	250	320	400
落下部分质量（kg） Weight of falling parts	430	540	680	860	1080	1350	1700	2100	2700	3400	4350	5650	6800	8500	10800	13700	17000	21000	27000
最大打击频次（min-1） Max. hit frequency	110	110	100	100	90	90	90	85	85	85	80	75	75	70	70	60	50	45	40
最大打击行程（mm） Max. stroke	555	570	570	580	640	660	685	700	710	745	760	810	850	1000	1050	1050	1100	1150	1200
主电机功率（kw） Main motor power	30	30	30	37	45	55	75	75	90	2×75	2×75	2×90	2×90	2×132	3×90	2×160	2×160	2×200	4×160
整机质量（kg） Total weight	15000	15000	15000	19000	28000	30000	39300	47000	58000	78500	95000	120000	141000	195000	235000	285000	350000	435000	530000

C92K系列数控全液压模锻锤先进性
Advanced Technology of C92K Series CNC Fully Hydraulic Die Forging Hammer

安锻公司数控锤的先进性
Advanced Technology

- 打击控制系统采用精确控制系统，使得打击能量控制精度高。
- 锤头慢升慢降功能操作十分方便，更换模具更加安全，方便和快捷：由于液压系统中增设了特定的排油阀，不用释放液压系统的压力即可随时随可实现锤头的慢降和慢升，使得安装和调整模具十分安全、方便和快捷。
- 独特的大阀块与油箱连接结构，使得大阀块最大程度地免维修。
- 锤头缓冲器采用外联式结构，克服了内镶焊接式结构不可靠的问题。
- 蓄能器采用低位安装方式，避免了蓄能器超高造成设备高度猛增的问题。
- 打击阀系统的安全性得到充分保证，由于打击阀两头控制端都有缓冲装置，绝不会由于控制系统出故障，出现打击阀阀芯碰撞阀盖造成螺栓断裂出现危险的情况。
- 特殊螺栓防松装置使得系统抗震性加强，安全性更高，螺栓防松装置采用进口的防松止退垫圈，杜绝了螺栓的松动。
- 可靠的锤杆密封。
- 可靠的下封口安全装置。

- The hit control system is adopted precise control system, which makes the high precision of hit energy control is avaliable.
- The operation for the tup slow up and slow down is very convenient, change die is more safe, convenient and fast : Due to the hydraulic system is set special release oil valve, so it can realize the tup slow up and slow down at any moment without release the pressure in the hydraulic system, which makes the installation and adjustment of dies are very safe, convenient and fast.
- Special connecting structure of large valve block and oil tank, making the large valve block to maximize the maintenance-free.
- The buffer structure of tup is adopted outreach structure, which overcomes the problems of the unreliable inside welding structure.
- The accumulator is adopted low level installation, reduced the height of the machine.
- The safety of hit valve system is fully guaranteed Due to both of the two control ends of hit valve are equipped with buffer device, so such dangerous case will not happen for the hit valve core collides the valve cover leads to the bolt crack caused by the control system has problems.
- Special bolt anti-loosen device enables the system to strengthen vibration resistance, higher security. The bolt anti-loosen device is adopted imported locking washers, preventing the bolts loose.
- Reliable hammer rod sealing.
- Reliable safety device of lower sealing.

C92K系列数控全液压模锻锤性能特点
Performance Characteristics of C92K Series CNC Fully Hydraulic Die Forging Hammer

数控全液压模锻锤性能特点
Performance Characteristics

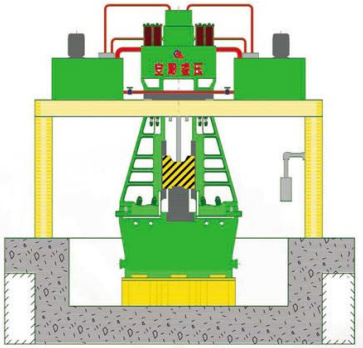
- 打击能量、打击工序可得到智能化控制，打击能量可得到数字化精确控制。对于不同锻件，通过大屏幕的触摸屏，可编制不同的程序，而且程序可以贮存。根据需要可随时调出使用。
- 锻件精度高：采用整体“U”形机身，刚性大，加上锤头导轨采用特殊“X”形导轨，保证锤头与导轨间隙控制在0.2㎜以内，使得精密模锻成为可能，为今后各种锻件的少切削和无切削提供了条件。
- 打击频次很高：由于该产品采用短行程设置，下腔又常通蓄能器，系统压力高，因此打击频次比普通模锻锤提高一倍以上，从而提高模锻行业的生产效率。
- 提高设备和模具的使用寿命：锻造过程中多余的打击能量不仅大量消耗浪费能量和产生噪音，而且极大影响设备和模具因吸收多余能量而带来的寿命问题。数控锤可以精确控制打击能量，极大地提高了设备和模具的使用寿命，噪音也得到很好地控制。
- 材料利用率高。
- 锻件质量稳定。
- 有顶料装置。
- 易于实现自动化生产。
- 环保。

- Hit energy and working procedures are intelligent controlled. Hit energy are precisely digital controlled; Working procedures are programmable for different forging pieces through touch screen, the working procedures can be saved up in the system and ready to use on requirements.
- High precision forgings,The hammer body is adopte "U" type whole piece castings, large rigidity, coupled with special "X" type guide rail, which ensures the space between tup and guide rail controlled within 0.2mm, thus making it possible for precision closed die forgings and providing the conditions for all kinds of forgings at minimum machining in future.
- High hit frequency: Due to short stroke of this hammer, and lower chamerber always connectes with the accumulator, the system pressure is high, so the hit frequency is more than doubled than the conventional electro hydraulic die forging hammer, thus improves the production efficiency.
- Increase the working life of machine and die: The extra hit energy occurs in forging process is not only largely consumed and wasted and occurs noise, but also greatly affects the life of machine and die due to the absorption of extra energy. CNC fully hydraulic die forging hammer can precisely control the hit energy, greatly increase the working life of machine and die, well controls the noise too.
- High material utilization rate.
- Stable performance and equality of forging quality.
- Ejection system.
- Easy to realize automated production line.

用户培训基地

C92KT系列普通模锻锤数控化改造
C92KT Series CNC Hammer Converted from Conventional Die Forging Hammer

利用数控锤技术，对原蒸空锤或原电液锤进行数控化改造



(一)改造原理

液压原理基本同数控锤整机原理，因此针对蒸空锤或电液锤的独特性（行程大、导轨间距小、头部连接板平面尺寸小，安装整体数控动力头困难等），设计上与整机相比有如下特征：

(1)一吨、二吨旧锤改造，采用整体大油箱顶置，更换大的连接板连接；三吨以上旧锤改造，采用主副油箱设置（主油箱顶置原连接板上，机身两侧设置落地框架支撑两个副油箱），主副油箱之间全部采用软连接结构。

(2)更换具有“X”型导轨结构的新锤头，导轨同时更换。从而达到提高抗偏载能力和提高锻造精度的目的。

(3)由于旧锤行程太大，因而在上锤头上设置上模座，既达到降低行程的目的，又保证了保护锤头燕尾的目的。

(4)根据用户是否需要顶料装置，决定是否更换新模座和配置顶料液压站。

(二)改造后的效果基本达到了数控锤整机各项性能，克服了旧锤原有的各种弊端，从而提高了产品档次。

Convert the original steam-air hammer and electro hydraulic forging hammer to CNC fully hydraulic die forging hammer by mean of the advanced numerical control technology.

1. The Convertion Principle :

The hydraulic principle is almost same with the brand new CNC fully hydraulic die forging hammer, so for the speciality of steam-air hammer or electro hydraulic hammer (long stroke, small guide rail space, small size of connecting plate at top of the arms, and diffculty in installing the numerical control power head), the convertion in design has following characteristics comparied with brand new CNC fully hydraulic die forging hammer:

(1) For the convertion of 1T and 2T old hammers, it is adopted integrated big oil tank setting on the top of the hammer, and changed by big connecting plate; For the convertion of old hammers above 3T, it is adopted the main and auxiliary oil tanks setting(i.e. the mail oil tank is set on the top of the original connecting plate, and the two auxiliary oil tanks are set on the two sides of power head supported by the steel frame), the connections between the main and auxiliary oil tanks are flexible structure.

(2) Meanwhile change the new tup with “X” type guide structure, the guide rails of the hammer body are changed accordingly, thus improve the ability of inclined loading and increase the precision of forgings.

(3) Due to the long stroke of old hammer, thus we design a top die seat on the tup, so decrease the stroke as well as protect the coattail of tup.

(4) The ejection system and new die seat can be designed and supplied as per customers requirements.

2. The performance of converted hammers are almost same with that of brand new CNC fully hydraulic die forging hammers, which not only overcomes the disadvantages of old hammers, but also upgrades the hammer to a higher status.

主要技术参数
Main technical parameters

C92KT系列普通模锻锤数控化改造参数

Technical Parameters of C92KT Series CNC Hammer Converted from Conventional Die Forging Hammer

项 目 Item	单 位 Unit	C92KT-25	C92KT-50	C92KT-75	C92KT-125	C92KT-250	C92KT-400
打击能量 Hit energy	KJ	25	50	75	125	250	400
落下部分质量 Weight of falling parts	Kg	1700	3400	5400	8500	17000	27000
最大打击行程 Max. stroke	mm	685	745	810	1000	1100	1200
最大打击频次 Max.hit frequency	min-1	90	85	75	70	50	40
电机功率 Motor power	KW	75	75×2	90×2	132×2	90×4	160×4

数控锤锻造精品
Refine Production

精密锻件
Precision Forgings






制造培训服务能力
Manufacturing Training and Service Ability

制造 · 培训 · 服务
Manufacture · Train · Service


精密零件机加工中心
Precise Parts Machining Workshop


精密零件机加工中心
Precise Parts Machining Workshop


大型热处理中心
Heat Treatment Workshop


重型装配中心
Heavy Parts Assembling Workshop


重型机加工中心
Heavy Parts Machining Workshop


125吨行车
125Ton Travelling Crane


数控锤装配现场
CNC Hammer Assembling Site


TX6922镗铣床
TX6922 Boring and Milling Machine


TJK6920数控镗铣床
TJK6920 CNC Boring and Milling Machine


LP4021数控加工中心
LP4021 CNC Machining Center


Z3080X25摇臂钻床
Z3080X25 Radial Drilling Machine


TK42200数控龙门镗铣床
TK42200 CNC Planer Type Boring and Milling Machine


X2025/6M数控龙门铣床
X2025/6M CNC Planer Type Milling Machine


用户培训中心
Customer Training Center

数控全液压模锻锤部分用户
Some Users of CNC Fully Hydraulic Die Forging Hammer

宁波蜗牛50KJ数控锤
50KJ CNC Hammer in Ningbo Unior

重庆建设16KJ数控锤
16KJ CNC Hammer in Chongqing Construction

越南16KJ数控锤
16KJ CNC Hammer in Vietnam

重庆建设63KJ数控锤
63KJ CNC Hammer in Chongqing Construction

越南63KJ数控锤
63KJ CNC Hammer in Vietnam

济宁神力25KJ数控锤
25KJ CNC Hammer in Jining Shenli

临沂强盛25KJ数控锤
25KJ CNC Hammer in Linyi Qiangsheng

江苏昆山凯诺80KJ数控锤正在调试
80KJ CNC Hammer for Jiangsu Kunshan Kainuo

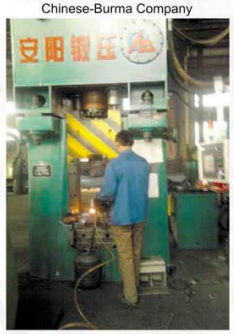
数控全液压模锻锤部分用户
Some Users of CNC Fully Hydraulic Die Forging Hammer

温州吉达50KJ数控锤
50KJ CNC Hammer in Wenzhou Jida

销往台湾中甸公司50KJ数控锤
50KJ CNC Hammer for Taiwan Chinese-Burma Company

销往江苏靖江中祥80KJ数控锤
80KJ CNC Hammer for Jiangsu Jingjiang Zhongxiang

衡水华乐50KJ数控锤
50KJ CNC Hammer in Hengshui Huale



莱州金泉摇臂16KJ数控锤
16KJ CNC Hammer in Laizhou Jinquan Rockarm

常州精棱订购国内首台最大的125KJ数控锤整机装配现场
Assembling Site of 125KJ CNC Hammer for Changzhou Jingleng

销往张家港龙海16KJ数控锤
16KJ CNC Hammer for Zhangjiagang Longhai

徐州天风50KJ数控锤
50KJ CNC Hammer in Xuzhou Tianfeng

销往文登威力31. 5KJ数控锤正在调试
31. 5KJ CNC Hammer for Wendeng Weili