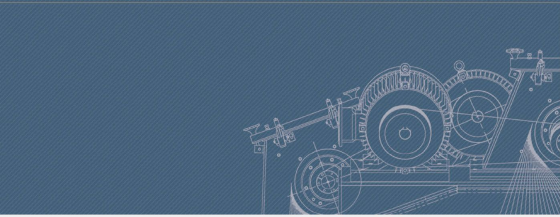


COMPANY INTRODUCTION

Shandong Kaifu Shot Blasting Machinery Share Co., Ltd is shot blasting machine and abrasion investment casting enterprise, which combines research, development, production, installation with debugging service. It locates in pioneer economic zone of Ziboqing County and takes 600,000 square meters. Cooperating with Shan University, the company is involved in R&D of surface shot blasting, shot peening, strengthening and other equipment, set up first class R&D center and perfect quality control system, and pass through ISO9001 international quality system certification. It is National Standardization Committee SACTC1186 shot blasting (peening) technology committee, and SACTC5308 metal surface descaling before casting and coating technology committee. It takes part in adding up GB/T22876-2009 common technology condition of shot blasting (peening) machine and other 10 national standards. Main products are shot blasting (peening) equipment, strengthening equipment, environmental dust removal equipment and abrasion investment casting and so on. It provides key equipments to casting, forging, heat treatment, steel structure, container, machinery, shipyard, airplane, locomotive industries from domestic and abroad. It is honored as Shandong Province High-end equipment manufacturing Industrial Zone in 2012. In 2011, it set up Shandong Province Enterprise Technology Center certified by Shandong province Economy & Information Committee. Shandong province shot blasting (peening) equipment and material project technology research center certified by Shandong province technology department. Meanwhile, it gets the honor of Shandong Province High and New Technology Enterprise, China Patent Grant Enterprise and Shandong Province Enterprise Technology Innovation Award.



山东开泰抛丸机械股份有限公司是集科研、开发、生产、安装、调试服务为一体的抛丸机械及精铸耐铸件产品企业，公司座落于鲁中平原经济开发区，占地面积80万平方米。

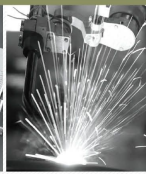
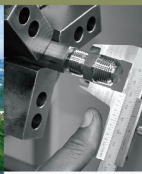
公司与济南大学机械学院共同开发表面抛、喷丸处理设备，建立了一流的技术研发中心和完善的质量管理体系，并已通过ISO9001国际质量体系认证，是金国际标准化委员会SACTC1186抛(喷)丸分技术委员会成员单位、SACTC5308涂装前金属表面处理及涂装工艺分技术委员会成员单位，参与起草制定GB/T 23576-2009《抛丸处理设备 通用技术条件》等十余项国家标准。公司主要产品有抛(喷)丸清理及强化设备、环保除尘设备及精铸耐铸件等。为国内外铸造、锻造、热处理、钢结构、集装箱、机械、造船、飞机、机车等行业提供理想的关键设备。在2012年被授予山东省高端装备制造产业园区，2011年经山东省经信委批准建立了“山东省企业技术中心”，经山东省科技厅批准建立了“山东省抛丸设备与材料工程技术研究中心”，同时还先后获得了“山东省高新技术企业”、“中国专利明星企业”、“山东省企业技术创新奖”等荣誉称号。

公司简介

KAiTECH

山东开泰抛丸机械股份有限公司

SHANGDONG KAIFU SHOT BLASTING MACHINERY SHARE CO., LTD.



supply professional metal surface

SHOT BLASTING (PEENING)
technology solutions

提供专业的金属表面抛(喷)丸技术解决方案

产品特点

- 1、用于不同的生产规模，可单机也可多台联用；
- 2、对难以清理的工件能获得满意的效果；
- 3、可实现自动上下件。

产品用途

该系列适用于各种中、小型铸件、锻件及热处理件的表面清理、除锈以及强化。



QR3210



Q32

产品规格 Specification: Q326 Q3210 QR3210

Q32系列履带式抛丸清理机

Q32 series tumble belt type shot blasting machine

PRODUCT FEATURES

1. It is suitable for different production scale. It could be stand-alone use and many units can also be used together.
2. It could get good clean effect for complicated and small workpiece.
3. It can realize the automatic loading and unloading parts.

PRODUCTION APPLICATION

It is suitable for surface cleaning, removing rust and strengthen of various medium, small casting, forging and heat treatment workpiece.

参数 Parameter	单位 Unit	Q326	Q3210	QR3210
生产率 Productivity	T/h	0.6-1.2	1.5-2.5	1.5-2.5
单件最大重量 The maximum weight of one piece	kg	10	30	30
滚筒直径 Diameter of roller	mm	φ650	φ1000	φ1000
有效容积/处理量 Effective capacity/handling capacity	m ³ /kg	0.15/200	0.3/600	0.3/600
抛丸量 Blasting capacity	kg/min	80	150	150
除尘风量 Dedusting air volume	m ³ /h	3500	3500	3500



产品型号 Specification: Q376/Q370E Q378/Q378E Q3710/Q3710E Q3720/Q3720E

产品特点

- 1、无死区；
- 2、吊钩清理，可处理的工作；
- 3、生产效率高。

产品用途

此设备适用于多品种、中小批量工件的表面清理。随着吊钩承载量的加大，近年来代有车型清理机清理大件的做法也日益增多。

KAITECH
北京凯泰科技股份有限公司

Q37系列吊钩式抛丸清理机

Q37 series hanger type shot blasting machine

PRODUCT FEATURE

1. No fit.
2. Rotary cleaning, large metal that afraid of being hit.
3. High productivity.

PRODUCTION APPLICATION

It is suitable for surface cleaning of medium-small casting. Sometimes it also replace trolley type shot blasting machine for cleaning bigger casting along with increasing of loading of hook.

项目 Item	单位 Unit	Q376/Q376E	Q378/Q378E	Q3710/Q3710E	Q3720/Q3720E
清理工件直径 Diameter of cleaning workpiece	mm	φ800	φ1000	φ1200	φ1500
清理工件高度 Height of cleaning workpiece	mm	1200	1500	1500	2000
单钩吊重 Hanging capacity of each hook	kg	500	1000	1000	2000
抛丸量 Blasting capacity	kg/min	2 × 120	2 × 150	2 × 220	3 × 220
清理一钩所需时间 The time of cleaning one hook	min	16	14	14	14
抛头循环量 Shot circulation	t/h	15	30	45	60
通风量 Ventilation volume	m ³ /h	3500	5000	5500	9000
功率 Power	kw	21.7/22.7	33.5/35.2	46.2/47.9	67.7/71.1

产品特点

- 1、具有工件静态装卸、自动快速输送，可实现工件连续通过抛丸清理(Q38系列)与多工位定点工位旋转抛丸清理(Q48系列)；
- 2、具有生产效率高、费用低等优点；
- 3、结构紧凑，易于操作；
- 4、产品型号广，可用于不同的生产效率要求和工件尺寸；
- 5、模块化设计可整合到已有的生产线上，实现机械自动化生产。

产品用途

主要用于批量生产的中小型铸件、锻件等抛丸清理及强化。



Q38、Q48系列悬链式抛丸清理机

Q38、Q48 series catenary type shot blasting machine

PRODUCT FEATURE

1. Static loading and unloading workpiece, automatic rapid transport, it could realize that workpiece can pass through shot blasting machine continuously (Q38 series) and shot blasting vertically with multi station point workpiece (Q48 series);
2. High production efficiency, low cost;
3. Compact structure, easy to operate;
4. The product model is widely, it can meet different production efficiency demand and workpiece size;
5. Modularization design can be integrated into existing production line. It will realize machinery automatical production.

PRODUCTION APPLICATION

It mainly used for shot blasting and strengthen of mass production medium-small size casting, forging.

参数 Parameter	单位 Unit	Q383/Q483	Q385/Q485	Q4810
清理工件尺寸 Cleaning workpiece size	mm	Φ800 × 1200	Φ1000 × 1500	Φ1000 × 2500
工位数 Station No.	/	/3	/3	/2
抛丸器数量 Blasting wheel quantity	台 set	6	6	6
抛丸量 Blasting capacity	kg/min	6 × 250	6 × 250	6 × 250
抛丸器功率 Blasting wheel power	kw	6 × 15	6 × 15	6 × 15
吊钩最大重量 The max loading weight of hanger	kg	300	500	1000
生产率(件/小时) Productivity (pieces/hr)	h	30-60	30-60	40-60
清理室尺寸 Cleaning room size	mm	4500 × 1800 × 2500	5500 × 2000 × 2900	4000 × 2000 × 3800
总通风量 Total ventilation volume	m ³ /h	20000	21000	20000

产品特点

- 1、既可以连续方式运行，也可以分批或间歇运行，组织生产灵活，生产率高；
- 2、铸件以低速通过抛丸区，或在抛丸区多工位定点旋转，清理效果好；
- 3、可以静态装卸料，操作方便。

产品用途

主要用于少品种、大批量生产和多品种、中小批量生产场合中小工件的抛丸强化和表面清理，适应性强，应用较广泛。



Q58系列积放悬链式抛丸清理机

Q58 series piled and released type shot blasting machine

PRODUCT FEATURE

1. It could be continuous running, it also could be batch or intermittent running. It is flexible production and high productivity;
2. Casting could pass-through shot blasting zone at lower speed or it will carry out multi position rotation in shot blasting area. It has good cleaning effect;
3. It could be static loading and unloading material and it is easy for operation.

PRODUCTION APPLICATION

It mainly used for removing sand and surface cleaning of less variety, mass production and multi variety, middle-small batch production casting. It is widely used.

参数 Parameter	单位 Unit	Q583	Q585	Q586	Q5810
清理工件尺寸 Cleaning workpiece size	mm	Φ800 × 1500	Φ800 × 1200	Φ800 × 1500	Φ1300 × 2000
工位数 Station No.	台 set	2	3	2	2
抛丸器数量 Blasting wheel quantity	台 set	4	6	4	6
抛丸量 Blasting capacity	kg/min	4 × 250	6 × 330	4 × 330	6 × 330
抛丸器功率 Blasting wheel power	kw	4 × 15	6 × 22	4 × 22	6 × 22
吊钩最大重量 The max capacity weight of hanger	kg	300	500	800	1000
生产率(件/小时) Productivity (pieces/hr)	h	12	24	30	20
清理室尺寸 Cleaning room size	mm	3000 × 1800 × 2800	4000 × 1800 × 2500	6800 × 1800 × 3325	8500 × 2300 × 4800

产品特点

- 1、第四代磨臂离心高效抛丸器；
- 2、喷射带采用计算机辅助设计，上、下理丸动能分布均匀；
- 3、采用光电检测，具有测宽、测高、测位移编程自动控制的功能。

产品用途

适用于船舶、汽车、机车车辆、桥梁、机械等行业的钢板、型材及结构件的表面除锈、涂装工艺。



产品型号 Specification: Q698 Q6912 Q6915 Q6920 Q6925 Q6930 Q6935 Q6940

Q69系列钢板型材抛丸清理机

Q69 series steel plate shot blasting machine

参数 Parameter	单位 Unit	Q698	Q6912	Q6915	Q6920	Q6925	Q6930	Q6935	Q6940
有效清理宽度 The effective cleaning width	mm	800	1200	1500	2000	2500	3000	3500	4000
箱体进料口尺寸 The room feed-in size	mm	1000×400	1400×400	1700×400	2200×400	2700×400	3200×400	3700×400	4200×400
清理工作长度 The length of cleaning workplace	mm	1200-12000	1200-12000	1200-12000	1200-12000	1200-12000	1200-12000	1200-12000	1200-12000
轮盘输送速度(无级调速) The speed of wheel conveyor (stepless speed variation)	m/min	0.5-4	0.5-4	0.5-4	0.5-4	0.5-4	0.5-4	0.5-4	0.5-4
清理钢板厚度 The thickness of cleaning steel sheet	mm	3-60	3-60	3-60	3-60	3-60	3-60	3-60	3-60
处理钢材规格 steel profile specification	mm	800×300	1000×300	1500×300	2000×300	2500×300	3000×300	3500×300	4000×300
抛丸量 The quantity of shot blasting	kg/min	4×180	4×250	4×250	6×250	6×250	8×250	8×280	8×350
首次装丸量 The first enclosed quantity	kg	3000	3000	3000	4500	4500	6000	7000	8500

PRODUCT FEATURE

1. It adopt the fourth generation high-efficiency centrifugal blasting wheel.
2. Blasting zone adopts computer aided design, and the shots are well-distributed.
3. It adopts photoelectric detection. It has the following functions: measuring width, measuring height, measuring displacement automatic control.

PRODUCTION APPLICATION

It applies to shipping, car, motorcycle, bridge, machine etc. Which is in the line of steel board, section and structure casting to wipe of surface rusting and painting arts.



KAITECH
上海开泰机械股份有限公司



产品型号 Specification: QH696 QH6910 QH6912 QH6915

产品特点

1. 此设备用于清理氧化金属表面，可以对不同种类钢材除去氧化皮及铁锈；
2. 此设备应用广泛，自动化程度高，工件自动进出，符合流水线生产要求。

产品用途

主要适用于船舶、汽车、机车车辆、桥梁、机械等行业。用于大型工字型钢、H型钢等尺寸较高的钢结构件除锈能力及表面除锈清渣。

QG系列钢管外壁高效抛丸清理机，实现了对直径 $\Phi 16$ - $\Phi 2800$ mm钢管外壁的抛丸清理，凭借强大的清理功能可清除钢管表面的附着物，使钢管表面呈现金属本色，达到有效的清理目的。

QG series steel pipe outer wall cleaning shot blasting machine with high efficiency achieves shot blasting for large diameter ($\Phi 16$ - $\Phi 2800$ mm) steel pipe outer wall cleaning, with a powerful cleaning function to clear the rust on the steel pipe surface, the steel pipe surface will show metallic character, achieve an effective clean-up purposes.



QH69系列型钢专用抛丸清理机

QH69 series beam special shot blasting machine

PRODUCT FEATURE

1. It is used for cleaning metal surface, it also could remove oxide skin and rust of different kind of steel profiles.
2. The equipment is widely used, high degree automation, the self feeding from workpiece, it needs the requirement of production line.

PRODUCTION APPLICATION

It applies to shipping, car, motorcycle, bridge, machine industries etc. It is mainly used for eliminating the stress and surface removing rust of large steel structure, H beam and so on.

型号 Model	工件最大尺寸 Workpiece Max size mm/L*W*H	开仓最大尺寸 Max. opening size mm/㎡	清理速度 Cleaning speed m/min	抛丸量/分钟 Blasting wheel power (kg)	除尘量/分钟 Blasting wheel quantity (kg/min)	辊道长度 Roller conveyor length (mm)	物料提升量 First loading quantity of elevator(m)	总功率 Total power (kw)
QH696	12000*800*600	1000*800	1.0-2.0	11	4	12*1000*12000	3	≈80
	12500*800*1000	1000*1200	1.0-2.0	11	6	12*1000*12000	4	≈110
	12000*800*1800	1000*1800	1.0-2.0	11	8	12*1000*12000	5	≈157
QH6910	12000*800*1800	1000*2000	0.5-2.0	11	8	12*1000*12000	5	≈157
	12000*1000*600	1200*800	0.5-1.5	11	4	12*1000*12000	4	≈107
	12000*1000*1000	1200*1200	0.5-1.5	11	6	12*1000*12000	6	≈160
QH6912	12000*1000*1800	1200*1800	0.5-1.5	11	8	12*1000*12000	5	≈166
	12000*1000*1800	1200*2000	0.5-1.5	11	8	12*1000*12000	7	≈193
	12000*1200*600	1400*800	0.5-1.5	11	4	12*1000*12000	3	≈85
QH6915	12000*1200*1000	1400*1200	0.5-1.5	11	6	12*1000*12000	4	≈110
	12000*1200*1400	1400*1800	0.5-1.5	11	8	12*1000*12000	5	≈158
	12000*1200*1800	1400*2000	0.5-1.5	11	8	12*1000*12000	5	≈158
QH6916	12000*1500*600	1700*800	0.5-1.5	11	4	12*1000*12000	3	≈89
	12000*1500*1000	1700*1200	0.5-1.5	11	6	12*1000*12000	4	≈114
	12000*1500*1400	1700*1800	0.5-1.5	11	6	12*1000*12000	5	≈121
	12000*1500*1800	1700*2000	0.5-1.5	11	8	12*1000*12000	5	≈150

QGW系列钢管外壁专用抛丸清理机

QGW series steel pipe outer wall special shot blasting machine

- ★直径 $\Phi 16$ - $\Phi 600$ mm范围内的钢管，采用与钢管中心线成一固定角度的“V”型辊轴送，从而实现抛丸前进、边旋转；
- ★直径 $\Phi 150$ - $\Phi 2800$ mm范围内的钢管，采用托轮传动，托轮间距角度可调，实现了钢管直径范围较大、行走速度与旋转速度可调，抛丸量采用能流式布置，清理效率高，效果好；
- ★料循环净化系统采用了溢流感应式可分离毒带多级风选分离器和专用聚能磁芯磨料分离器，实现了丸料的分选与循环再利用；
- ★抛丸室设置了自适应不同管径的多层前帘门，抛丸除尘系统采用脉冲反吹滤筒除尘器，除尘效果好，使用寿命长。

- ★Regarding steel pipe with diameter of $\Phi 16$ - $\Phi 600$ mm, we adopt V type conveyor which have an angle with steel pipe center line, steel pipe can rotation while going forward.
- ★Regarding steel pipe with diameter of $\Phi 150$ - $\Phi 2800$ mm, we adopt roller transmission, angle between roller and rotation speed can be adjustable with large diameter, blasting wheel adopts bottom blasting distribution, cleaning efficiency is high, result is good.
- ★Dusts material circulation purification system takes overflow induction controllable full multi-stage curtain winnowing splitter and special polyester cone elevator structure, achieves shot material sorting and recycling.
- ★Blasting room adopts multi-layer self-adjustable curtain which is suitable for different diameters, shot blasting dust removal system uses impulse reversal blowing filter cartridge dust collector, dust removal is good, life is long.

产品用途

该系列适用于自来水、天然气、矿山、油田等钢管防腐的前处理、海底或沙漠风气的输送管道的抛丸处理等，用于提高其产品零部件的外视质量和表面工作状态。

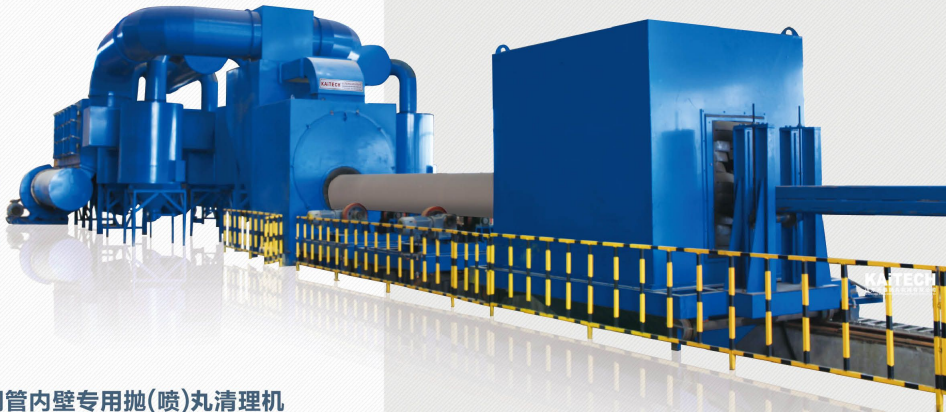
PRODUCTION APPLICATION

This equipment can be used for water, gas, mining, oil and pipe coating pre-treatment, the seabed or desert gas such as dust blaster, it can improve the appearance quality of the product components and the state of the surface coat.

型号 Model	清理尺寸 (mm) Cleaning size	清理速度 (m/min) Cleaning speed	用途 Application
QGW300	Φ50-300	2-14	外壁抛丸清理机 Outer wall shot blasting machine
QGW720	Φ159-720	2-4	
QGW1200	Φ219-1200	1-3	
QGW1600	Φ325-1600	1-3	
QGW2800	Φ1016-2800	1-1.5	

该设备通过将高速运动的弹丸流抛(喷)射到钢管内表面,清除掉钢管内表面的氧化物及其表面附着物,并通过使其表面产生微塑性变形而有效提高钢管的强度和表面抗腐蚀性及其防腐能力,消除焊缝应力等,从而大大提高钢管整体使用寿命。

This equipment will blast tube surface through high-speed movement of shots flow, remove oxide skin and other factors on inner wall, efficiently improve strength of steel pipe, surface corrosion resistance and firm adhesion through making surface micro-plastic deformation, eliminate welding stress, thus greatly improve the quality and service life of pipeline overall.



QGN系列钢管内壁专用抛(喷)丸清理机

QGN series Steel pipe inner wall special shot blasting machine

- 采用工件回转与横向转动支撑并联机构;
- 直径小于500mm的钢管, 采用抛丸处理;
- 直径大于等于500mm的钢管, 采用抛丸处理, 利用钢管内壁专用抛丸器(液压马达驱动、长臂轴杆弹丸抛送), 实现了抛丸量支撑工位适应, 抛打工位自调整等功能;
- 采用三级除尘模式, 具有过滤精度高、在线反吹、清灰效果好等优点;
- 采用BE型漏幕式分离器, 实现了丸、尘完全分离。

产品用途

该系列适用于钢管及钢管类产品的内表面处理, 去除其表面氧化物、焊渣等杂物, 呈现出金属光泽, 增加其表面积, 以利于工件表面的喷涂及涂敷, 广泛应用于石油化工、钢铁、城市集中供热、供排水等行业。

型号 Model	清理尺寸(mm) Clearing size	清理速度(m/min) Clearing speed	用途 Application
QGN300	φ50-300	0.2-1(台抛丸器)	内管抛(喷)丸清理机 Inner wall shot (pearing) blasting machine
QGN720	φ300-720	0.2-3.0(2台抛丸器)	
QGN1000	φ500-1000	1-2.5(1台抛丸器)	
QGN1500	φ500-1500	0.8-2(1台抛丸器)	

- Adopts workpiece rotation and lateral movement supporting parallel mechanism;
- Regarding steel pipe with diameter less than 500mm, we adopt shot peening;
- Regarding steel pipe with diameter larger than 500mm, we adopt shot blasting. We will use steel pipe inner wall special blasting wheel(with hydraulic motor driven, long shots delivery rod to deliver shots), achieve adaptive position of blasting wheel support and adjustable function of blasting position;
- Adopting three levels dust-removal system, it has advantages of high filtration, reversed blowing on line and good clearing effect, etc.;
- BE full curtain separator, achieve completely separation of shots, dusts and dust.

PRODUCTION APPLICATION

This series is used for inner wall shot blasting machine for steel pipe or related products, to remove oxide scale, welding slag and other debris on surface, showing a metallic luster, and to increase its area of spicimens, in order to do gray and coating on surface, it is widely used in petrochemical, steel, city central heating, water supply and drainage, and other industries.



抛丸器
Blasting wheel



回转支撑
Rotary support



送砂机构整体
Sand delivery mechanism



钢管内壁点图
Steel pipe inner wall general drawing

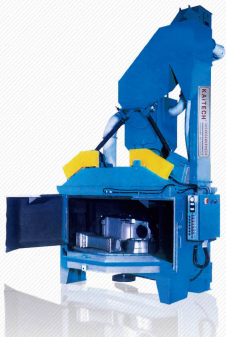
KAITECH
山东开泰机械股份有限公司

产品特点

1. 具有生产效率高,密封效果好,结构紧凑,装卸方便技术含量高等特点;
2. 抛丸轮的布置可实现对零件进行多点喷射,而不需单点调整。这样任意形状尺寸的零件都能得到有效处理,最大限度地减少了零件重定位。

产品用途

本机适用于小批生产厂家清理薄壁、扁、平及较粗糙的零件和热处理件的表面,亦可对零件的表面作强化处理。
转台式抛丸机适合中小型工件的表面清理的批量生产,这种规格的设备适合于发动机连杆、齿胎、膜片弹簧等,广泛应用于铸造和汽车制造业。



产品型号 Specification: Q3512 Q3518 Q3525B

Q3512/Q3525系列转台式清理机

Q3512/Q3525 series turntable type shot blasting machine

PRODUCT FEATURE

1. High production efficiency, good sealing effect, compact structure, easy loading and unloading and high technology and so on;
2. The layout of blasting wheel could realize multi point blasting of parts, it is not single point blasting. Any shape and size parts could be effectively cleaning.

PRODUCTION APPLICATION

It is suitable for cleaning thin, flat and almost collision part and heat treatment workpiece surface. It also can be used for surface strengthening.

Turntable type shot blasting machine is suitable for surface cleaning of small and medium sized workpiece. It is used for cleaning engine connecting rod, gear, spring and so on. It is widely used for foundry and automobile manufacturing industries.

参数 Parameter	单位 Unit	Q3512	Q3518	Q3525B
转台直径 Turntable diameter	mm	Φ1200	Φ1800	Φ2500
最大载重量 The max loading weight	kg	500	800	1000
清理工件尺寸 Cleaning workpiece size	mm	Φ1200 × 200	Φ1800 × 200	Φ2500 × 200

产品特点

- 1、装料量大,抛丸覆盖率高等;
- 2、抛射量大,清理效率高;
- 3、抛射结合,可补精抛打盲区,清理彻底;
- 4、经济可行的大型和重型铸、锻件表面清理。

产品用途

设备适用于船用发动机、能源和发电组件、风塔、水轮、汽轮机、机床、电机、化工机械、造纸机械等行业中大型、薄型和较复杂的铸、锻件的表面清理。



产品型号 Specification: Q3610 Q3620 Q7610 Q7620 Q7630 Q76100 Q76200

Q36/Q76系列台车式抛丸清理机

Q36/Q76 series trolley type shot blasting machine

PRODUCT FEATURE

1. Large loading and high coverage rate of shot blasting;
2. Large blasting quantity and high clearing efficiency;
3. Shot blasting combine with shot peening, it could spray blasting blind zone, clearing is complete;
4. Large and heavy casting, forging surface cleaning.

PRODUCTION APPLICATION

The equipment is suitable for marine engines, energy and power generation module, wind towers, pumps, turbines, machine tools, electrical machinery, chemical machinery, construction machinery and other industries in large, heavy and complex casting, forging, weldment surface cleaning.

参数 Parameter	单位 Unit	Q3610	Q3620	Q7610	Q7620	Q7630	Q76100	Q76200
工件最大重量 Max weight of cleaning workpiece	kg	10000	20000	10000	20000	30000	100000	200000



产品特点

- 1、高效、均匀的清理效果；
- 2、可处理铸件；
- 3、自动化上下件，柔性高，结构紧凑，维护简单。

产品用途

主要用于机床床、汽车厂、纺织机械厂、热处理车间、铸钢车间和冲压车间。可有效清除铸、锻件、冲压件等易脱落飞溅的工件和不是撞碎的非脆性零件及型芯不深的铸件表面上的粘砂、锈层与氧化皮、毛刺。



15GN系列履带式抛丸清理机

QGT15 series drum type shot blasting machine

PRODUCT FEATURES

- 1.High efficiency uniform cleaning effect; 2.It also could clean high temperature workpiece;
- 3.Automatic loading and unloading high flexibility,compact structure,simple maintenance.

PRODUCTION APPLICATION

The product is mainly used for machining tool factory, automobile factory, textile machinery factory, heat treatment workshop, casting steel workshop and stamping workshop.It is mainly used for cleaning surface sand,rust oxide skin of casting,forging and stamping.

项目 Item	数据 Data
滚筒容积/容积 drum loading capacity	0.43m ³
尺寸(直径×长) size (diameter×length)	φ1092×1245mm
最大装料量 max loading capacity	1362 kg/周
最大单件重量 max single workpiece weight	227kg
卸料高度 loading material height	1499mm
风量/风量 total ventilation volume	5300m ³ /h
清罩量 cleaning chamber	2130m ³ /h
分屑器 separator	3170m ³ /h
弹丸储存量 shot storage capacity	1362kg
机器净重量 machine weight	10603kg
主机 shot blasting chamber weight	9173 kg
外形尺寸(长×宽×高) appearance size (length×width×height)	3628×3200×5690 mm



产品特点

- 1、全自动化生产流程，大幅提升生产一致性；
- 2、实际工件的连续传送，无中间堆积区；
- 3、抛丸清理工序易于整合到自动生产线中，降低运行成本；
- 4、结构紧凑，占地面积小；
- 5、无需手动操作，有助于改善工作环境并消除操作人员的危险。

产品用途

- ◆ 铸件的清理及去芯
- ◆ 铸件和零件的除锈
- ◆ 混炼或单线生产
- ◆ 多工件混合清理

新型高效

KAITECH
凯铁科技

DT14系列连续通过式摆床抛丸清理机

DT14 continuous pass-through type swing bed shot blasting machine

PRODUCT FEATURE

1. Fully automated production process, improving the consistency of production.
2. It could realize workpiece continuous transmission, without intermediate stacking area.
3. Shot blasting process is easy for integrating into the automatic production line, reducing the operating cost.
4. Compact structure, occupation area is small.
5. No manual operation, it could improve the working environment and eliminate the risk of operator.

PRODUCTION APPLICATION

- ◆ Casting cleaning and removing core
- ◆ Removing rust of casting and forging
- ◆ Mixed line or single line production
- ◆ Multi workpiece mixture cleaning

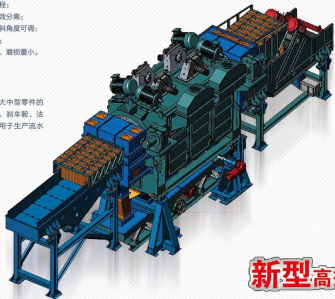
最大工件对角线尺寸 Maximum size of workpiece	≤850
最大单件重量 Max single weight	150kg
最高工作温度 Max height workpiece temperature	150°
最大除尘风量 Max dust removing wind volume	5800m ³ /min
抛丸器数量 Blasting wheel quantity	6pcs
抛丸器驱动电机功率 Blasting wheel driving motor power	45kw
抛丸器型号 Blasting wheel model	Q180
最大抛丸量 Mix blasting capacity	3000kg/min
弹丸初始量 Initial loading shot quantity	20000kg
连续处理能力 Continuous processing capacity	10~15t/h

产品特点

1. 全自动、连续的生产流程;
2. 磁选分离器使丸、砂有效分离;
3. 根据不同的工艺流程, 倾斜角度可调;
4. 铸件与型砂一体化冷却;
5. 清理效果稳定、耗能低、磨损量小。

产品用途

适用于铸造、锻造行业的大中型零件的抛丸处理 (例如, 刹车片、刹车鼓、法兰件、缸体等), 尤其适用于生产流水线的大批量生产。



新型高效

CT4-45系列连续通过式倾角可调钢履带抛丸清理机

CT4-45 Type Continues Pass Through Type Angle Adjustable Steel Belt Shot

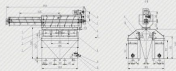
PRODUCT FEATURES

1. Fully automatic and continuous production process;
2. Magnetic separator to make effective separation of sand and abrasive;
3. The inclination angle can be adjusted according to different technological processes;
4. The integrated cooling of sand and casting;
5. Stable cleaning effect, low energy consumption, and small water amount.

PRODUCTION APPLICATION

Suitable for shot blasting processing of large and medium sized parts in casting and forging industry (eg. brake pads, brake hub, flange, cylinder, etc.), especially for mass production in production line.

型号 Model	CT4-45	
最大工件对角线尺寸 Maximum size of workpiece	≤500mm	工件重量 Workpiece weight ≤100kg
生产效率 Production wheel efficiency	8-12 t/h	工件温度 Workpiece Temperature =80° C
抛丸器功率 Blasting power	4x45Kw	最大抛丸量 The maximum blasting quantity 2000 kg/min
工作区直径 Working area diameter	1060mm	射流区长度 Length of blasting area 3100mm
除尘风量 Ventilation volume	20000m³/h	总功率 Total power 250Kw



产品特点

1. 采用伺服电机;
2. 设有工件避让机构, 减少基座与抛丸带接触;
3. 扁平工件的连续作业;
4. 实现在线全自动化作业。

产品用途

网带式抛丸机主要应用于汽车、航天、铁路与机械制造业, 尤其适用于薄壁的铸铁或铝合金铸件等小型零件的表面抛丸清理, 亦可用于机械零件抛丸强化。



新型高效

QWD网带式抛丸清理机

QWD Net belt type shot blasting machine

PRODUCT FEATURE

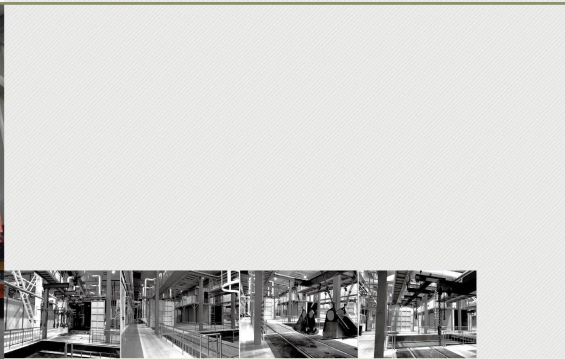
1. Net belt structure;
2. Equipped with petalstabs device, reduce or even eliminate contact marks of net belt;
3. Continuous operation of flat workpiece;
4. Realize fully automatic operation online.

PRODUCTION APPLICATION

Net belt shot blasting machine is mainly used for automobile, aerospace railway and other machine manufacturing industry, especially suitable for the surface of the thin-wal led iron castings or aluminum castings and other small parts. It can be used for mechanical parts shot blasting strengthening.

项目 Item	铸铁 Iron Casting	铸铝 Al Casting
网带宽度 Wire mesh width	1250 mm	1250 mm
生产率 Capacity	3.5 t/h	7.5 t/h
最大工件重量 Max part	100kg	100kg
通过速度 Passage speed	0.5~2.5m/min	1~5m/min
抛丸器数量 Number of wheel	4	8
抛丸器功率 Wheel capacity	11~18.5kw	11~18.5kw
		7.5~15kw
		7.5~15kw

KAITECH
LIFE SHAPING TECHNOLOGY



产品型号 Specification: QT3720 QT3750 QT37100 QT37200

KAiTECH
山东凯奇重工机械有限公司
Shandong Kaitech Heavy Industry Machinery Co., Ltd.

QT37系列工程机械专用抛丸清理机

QT37 series engineering machinery special shot blasting machine

参数 Parameter	单位 Unit	QT3720	QT3750	QT37100	QT37200
功率 Power	kw	8 × 18.5	8 × 18.5	8 × 18.5	12 × 18.5
抛丸量 Blasting capacity	kg/min	8 × 280	8 × 280	8 × 280	12 × 280
总功率(不含除尘) Total power (It is not include dust removing)	kw	187.4	187.4	187.4	248.5
总通风量 Total ventilation volume	m ³ /h	30000	30000	30000	38000



产品特点

1. 适合清理型钢、钢结构、工程机械等大型焊接构件;
2. 采用轨道吊钩悬挂工件的工件运输方式;
3. 生产效率高。

产品用途

主要用于机械制造(包括轻工机械、造纸机械、工程机械、矿山机械等)、压力容器、汽车船舶、建筑、化工、电机、机床等行业的大型工件的表面清理。

PRODUCT FEATURE

1. Applicable for large welding structures such as section steel, steel structure, construction machinery and so on;
2. It adopt transportation model of orbit hook hanging workpiece;
3. High production efficiency.

PRODUCTION APPLICATION

It mainly used for surface cleaning of machinery manufacturing (including light industrial machinery, construction machinery, engineering machinery, mining machinery and so on), pressure vessels, automobile and shipbuilding, construction, chemical, electrical and machine tool industry.



产品特点

- 1、喷砂房适用于清理结构复杂、体积庞大、种类多的工件，并且还可以着重对工件的某部位进行清理，如海上石油管道焊接架等；
- 2、成本低、投资少；
- 3、结构简单，制作周期短；
- 4、运行成本低。

产品用途

主要用于船舶、桥梁、化工、集装箱、水利、机械、管道等大型设备及零部件表面喷砂、除锈、去污处理。



喷砂房

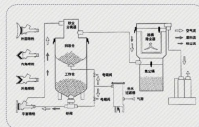
Sand blasting room

PRODUCT FEATURES

1. Sand blasting room is suitable to clean workpiece which has complex structure, large volume and lots kinds, it can focus on one position, such as oil pipe welding sketch on the sea;
2. Low cost, low investment;
3. Simple structure, short manufacturing time;
4. Low operating costs.

PRODUCT APPLICATIONS

It mainly used to surface sand blasting, removing rust and decontamination of shipyard, bridge, chemical industry, container, water conservancy, machinery, pipeline equipment and spare parts.



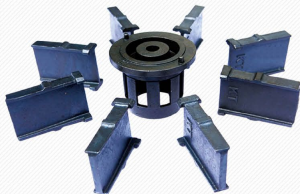
KAITECH
山东万事通机械股份有限公司

产品特点

- 1、先进、科学的航空航天级微精密封造工艺与技术；
- 2、高效率的全自动单工位于辊生产产线；
- 3、特种高铬耐磨铸铁抛丸器配件，弥补了国内同行业空白。

产品用途

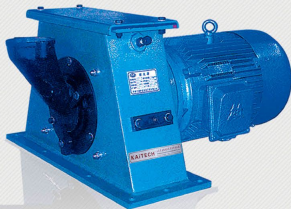
适用于机械、矿山、建材、工程机械等领域，并可以根据客户的具体使用工况，量身定做，满足客户的特殊要求。



产品特点

- 明显提高抛丸速度；
- 优异抗冲击磨损能力；
- 大大减少能量消耗；
- 超长使用寿命；
- 合适的结构形式；
- 高的清理质量；
- 低的弹丸消耗；
- 低的部件磨损；

Improving shot blasting speed
Good wear resistance
Greatly reducing energy consumption
Extraordinary service life
Suitable structural form
High cleaning quality
Low consumption of steel shot
Low abrasion of parts



耐磨件精铸工艺与技术

Technics and technology of abrasion investment casting

PRODUCT FEATURE

1. Advanced investment casting Process and technology;
2. High efficiency and automatic single station drying production line;
3. The special high chromium abrasion casting iron shot blasting machine spare parts, making up gaps in the domestic industry.

PRODUCTION APPLICATION

It is used for machinery, mining, construction machinery, engineering machinery fields, we also could produce casting according to customer's drawing and samples.



抛丸器

Blasting wheel

产品介绍

高效抛丸器主要零件轮选用优质合金材料经特殊热处理工艺加工后进行平衡检测，定公差、分丸粒、叶片、护板均选用我们自己研制的特种耐磨材料制造，有较高的耐磨性和使用寿命；抛丸器罩壳采用机械手焊接，轴承座主轴选用优质中合金钢，采用进口加工中心加工，加工精度高；轴承选用国内名牌厂家厂内订货，精度高于国家标准1~2个等级。由于抛丸器的叶轮加工过程中经自动平衡检测和叶片经称重检测成组，从而保证抛丸器工作过程中减少振动，降低整个设备的噪声，净化了设备周围的环境。

PRODUCT INTRODUCTION

The main parts of the super-efficient shot blasting machine is made of high quality low carbon alloy material with a special heat treatment process backward action balance detector; control cage, distributor, blade, guard plate, the bo ards are made of special wear resistant materials made by ourselves, has high wear resistance and service life of bearing; blasting wheel shell adopt robot welding, spindle is made of high quality carbon steel, imported machining center, high machining precision; selection of bearing manufacturers domestic Nameplate Factory orders, accuracy is higher than the national standard 1-2 grades. Because the impeller machining process of shot blasting device by dynamic balance test and leaves the weighing test group, so as to ensure the reduction of vibration shot blasting machine working process, reduce the noise of the whole equipment, clearing equipment environment.

