

WIRE MESH SHOT BLASTING MACHINE

- SPECIAL FOR SMALL SIZE FORGINGS, HEAT TREATMENT, CUTTING & WELDING PARTS



KHOLEE BLASTING ENGINEERING CO., LTD

EXPERT IN BLASTING & PAINTING INDUSTRY

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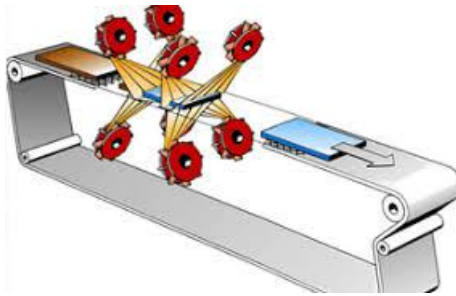
WIRE MESH BELT SHOT BLASTING MACHINE

Wire mesh shot blasting machine is used in large quantities of small parts and thin-wall castings, thin-wall and fragile iron or aluminum alloy castings, ceramic, and other workpiece surface cleaning. Placing several small workpieces side by side on the wire mesh belt can significantly increase the machine throughput. Standard transport speeds vary between 0.6 – 6 m/min. When the workpieces pass through shot blasting area, rust, dust, oxide layers or sand, burr will be removed. With machine widths from 600 to 1,500 mm the wire mesh shot blasting machine can practically handle any work piece size and throughput with minimum space requirements.

The equipment is comprised of stainless wire mesh conveyor, shot blasting chamber, blasting turbine, shots recycle system, shots clean off system, dust removing system, out-feeding roller conveyor and electrical control system etc.

WIRE MESH SHOT BLASTING MACHINE

Model	KLWD600-4	KLWD800-4	KLWD1000-4	KLWD1000-8
Wire Mesh Width	600mm	800mm	1000mm	
Max Products Size (W×H)	500×500mm	700×500mm	900×500mm	
Max Products Weight	100kg		200kg	
Max Loading	600kgs	800kgs	1000kgs	
Blasting Turbine	7.5kw×4	7.5kw×4	11kw×4	7.5kw×8
Dust Air Volume	12500m ³ /hr		15000m ³ /hr	
Foundation Pit	No		Yes	



Note:

- KHOLEE BLAST ALSO DESIGNS AND MANUFACTURES NON-STANDARD WIRE MESH SHOT BLASTING MACHINE ACCORDING TO CLIENTS' REQUIREMENTS AND WORK-PIECES SIZE.
- WE HAVE THE POLICY TO IMPROVE OUR EQUIPMENT CONTINUOUSLY & SHALL RESERVE THE RIGHTS TO CHANGE THE DIMENSIONS AND SPECS WITHOUT PRIOR NOTICE.

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WIRE MESH SHOT BLASTING MACHINE				
Model	KLWD1250-4	KLWD1250-8	KLWD1500-4	KLWD1500-8
Wire Mesh Width (mm)	1250mm		1500mm	
Max Products Size (W×H)	1100×500mm		1400×500mm	
Max Products Weight	200kg		200kg	
Max Loading	1200kgs		1500kgs	
Blasting Turbine	11kw×4	7.5kw×8	11kw×4	7.5kw×8
Dust Air Volume	15000m ³ /hr		15000m ³ /hr	
Foundation Pit	Yes		Yes	



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HIGH QUALITY STEEL SHOT & STEEL GRIT

- METAL ABRASIVES FOR WIRE MESH SHOT BLASTING MACHINE WORKING



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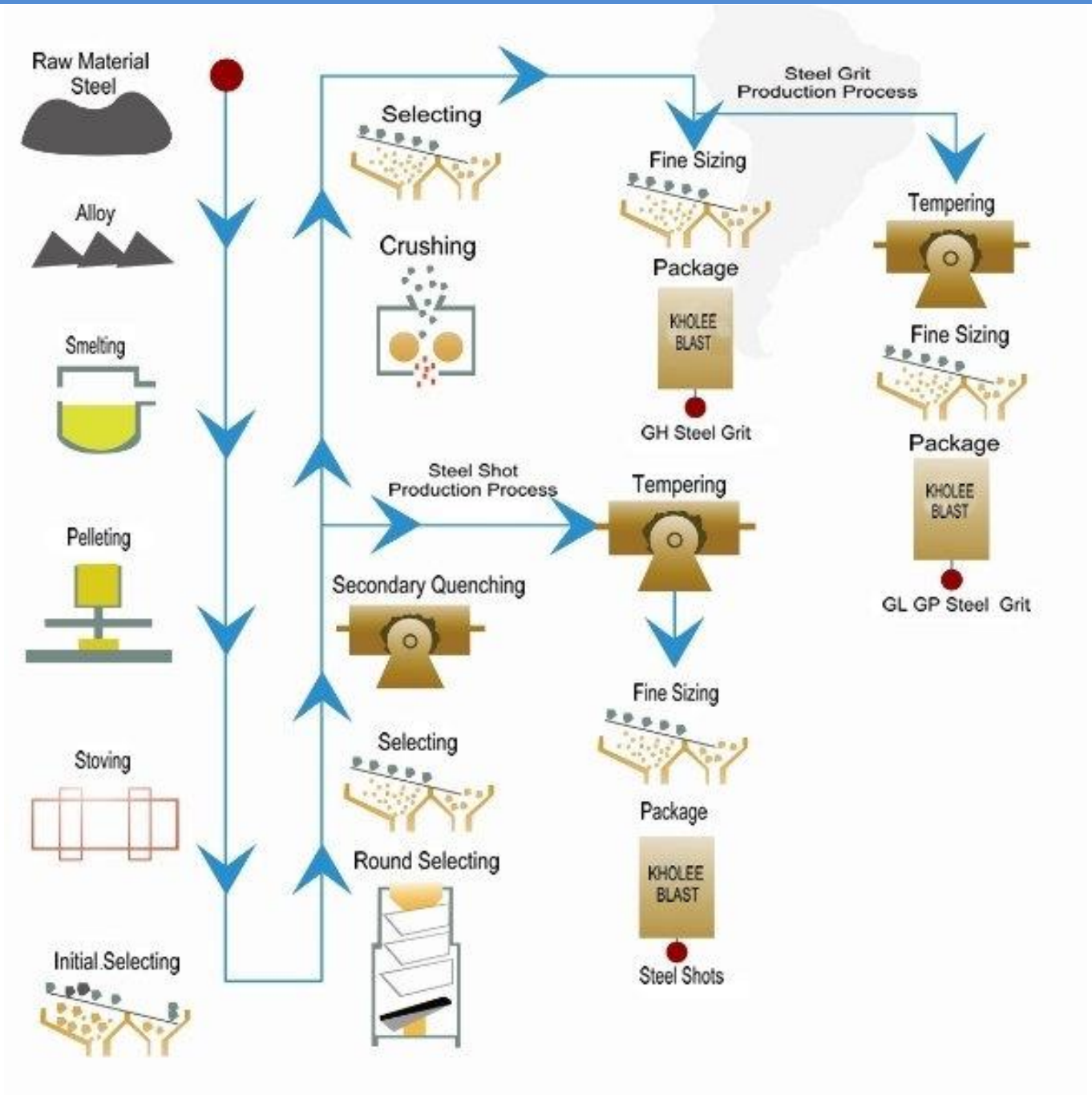
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HT Abrasives, one of three companies in China have two quenching equipment, has the capacity to produce high quality steel shots and grits. KHOLEE BLAST, as a GOLDEN Distributor of HT metal abrasives in China, assists our clients to select the right steel shots & grits and analyzing the working max and production process in order to maximize the efficiency. All our steel shots & grits are subject to a rigorous quality control to ensure supply the best available abrasives in its class.



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Operative Standards:

In accordance with standards of GB/T18838.3—2008 Steel Shot and Steel Grit, SFSA20-66 Cast Steel Abrasive, SAE J827 Cast Steel Shot, SAE J1993 High Carbon Steel Grit, YB/T5149-1993 Cast Steel Shot, YB/T5150-1993 Cast Steel Grit, ISO11124-3 High Carbon Cast Steel Shot and Grit.

Steel Shot	Steel Grit	Application
S780/SS2.5 S660/SS2.0	G10/SG2.5 G12/SG2.0	Sand removal of large sized castings, scale removal of large sized products from forging, stamping, die forging, drawing and rolling or after heat treatment (e.g. pipes, sections, plates, fittings, wire).
S550/SS1.7 S460/SS1.4	G14/SG1.7 G16/SG1.4	Sand removal of large and medium sized castings, scale removal of forging and heat-treated work pieces, surface blast cleaning of steel plates, sections and steel structures, shot peening of work pieces, cutting of granite.
S390/SS1.2 S330/SS1.0	G18/SG1.2 G25/SG1.0	Sand removal of medium and small sized castings, surface blast cleaning of forgings, heat-treated pieces, steel pipes, sections and steel structures, surface treatment before painting, shot peening of work pieces.
S280/SS0.8 S230/SS0.6	G25/SG1.0 G40/SG0.7	Surface blast cleaning of small sized castings, forgings and heat-treated pieces, aluminium and copper alloy castings, steel plates, steel pipes, sections and steel structures, shot peening of work pieces.
S170/SS0.5 S110/SS0.3	G50/SG0.4 G80/SG0.3 G120/SG0.2	Surface blast cleaning of stainless steel plates, thin steel plates, non-ferrous alloys, dacromet coat.

Application Equipment

- Shot Blasting Machine (Auto Wheel Blasting Machine)

Steel Plate Shot Blasting Machine | Steel Structure Shot Blasting Machine | Steel Pipe Shot Blasting Machine | Hanger Type Shot Blasting Machine | Turntable Shot Blasting Machine | Tumble Belt Shot Blasting Machine | Overhead Conveyor Shot Blasting Machine | Steel Cylinder Shot Blasting Machine | Trolley Type Shot Blasting Machine | Wire Mesh Shot Blasting Machine etc.

- Blasting Room
- Sand Blasting Machine, Blasting Pot
- Shot Peening Machine

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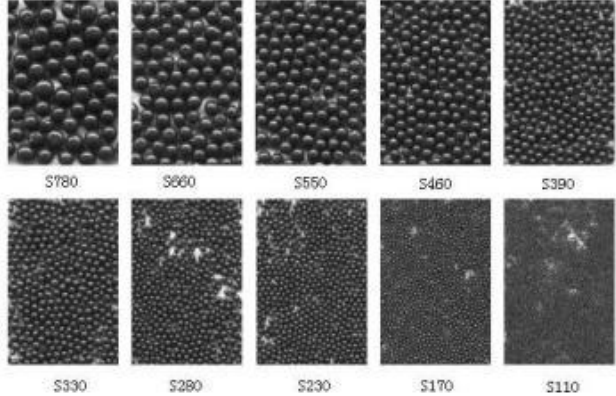
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Specification of High Quality Steel Shots

Item	C	Si	Mn	S	P
HQ Steel Shots	0.85-1.20%	0.40-1.20%	0.60-1.20%	<0.05%	<0.05%
Hardness	40 ~ 50HRC 52 ~ 56HRC 56 ~ 60HRC, Max Deviation ±3.0 HRC				
Density	7.4 g/cm ³				
Bulk Density	4.4 g/cm ³				
Ervin Cycle Times	2800~3300 times				
Micro-Structure	Homogeneous Tempered Martensite or Troostite				
Color	Dark Black				
Size of HQ Steel Shots					

Distribution of High Quality Steel Shots

Mesh	mm	Specification of Steel Shot mm										
		SS-2.5	SS-2.0	SS-1.7	SS-1.4	SS-1.2	SS-1.0	SS-0.8	SS-0.6	SS-0.5	SS-0.3	SS-0.2
7	2.80	all pass										
8	2.36		all pass									
10	2.00	85%min		all pass	all pass							
12	1.70	97%min	85%min		5%max	all pass						
14	1.40		97%min	85%min		5%max	all pass					
16	1.18			97%min	85%min		5%max	all pass				
18	1.00				96%min	85%min		5%max	all pass			
20	0.850					96%min	85%min		10%max	all pass		
25	0.710						96%min	85%min		10%max		
30	0.600							96%min	85%min		all pass	
35	0.500								97%min	85%min	10%max	
40	0.425									97%min		all pass
45	0.355										80%min	10%max
50	0.300										90%min	
80	0.180											80%min
120	0.125											90%min
200	0.075											
325	0.045											
SAE		S-780	S-660	S-550	S-460	S-390	S-330	S-280	S-230	S-170	S-110	S-70

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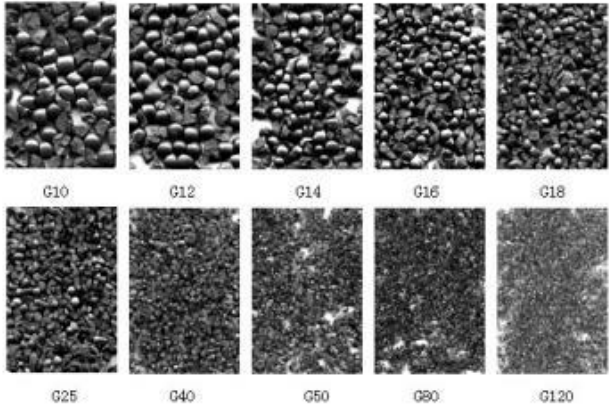
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Specification of High Quality Steel Grits

Item	C	Si	Mn	S	P
HQ Steel Grits	0.85-1.20%	0.40-1.20%	0.60-1.20%	<0.05%	<0.05%
Hardness	GP: 42 ~ 50HRC GL: 56 ~ 60HRC GH: 63 ~ 66HRC Max Deviation ±3.0 HRC				
Density	7.6 g/cm ³				
Bulk Density	4.2 g/cm ³				
Micro-Structure	Homogeneous Tempered Martensite or Troostite				
Color	GP, GL: Dark Black GH: Light Black				
Size of HQ Steel Grits					

Distribution of High Quality Steel Grits

Mesh	mm	Specification of Steel Grit mm									
		2.5	2.0	1.7	1.4	1.2	1.0	0.7	0.4	0.3	0.2
7	2.80	all pass									
8	2.36		all pass								
10	2.00	80%min		all pass							
12	1.70	90%min	80%min		all pass						
13	1.40		90%min	80%min		all pass					
16	1.18			90%min	75%min		all pass				
18	1.00				85%min	75%min		all pass			
20	0.850										
25	0.710					85%min	70%min		all pass		
30	0.600										
35	0.500						80%min				
40	0.425							70%min		all pass	
45	0.355										
50	0.300							80%min	65%min		all pass
80	0.180								75%min	65%min	
120	0.125									75%min	60%min
200	0.075										70%min
325	0.045										
SAE		G-10	G-12	G-14	G-16	G-18	G-25	G-40	G-50	G-80	G-120

Packaging

- 25kgs /bag, 40 bags in big bag or 80 bags in big bag
- 1000 kgs in big bag

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