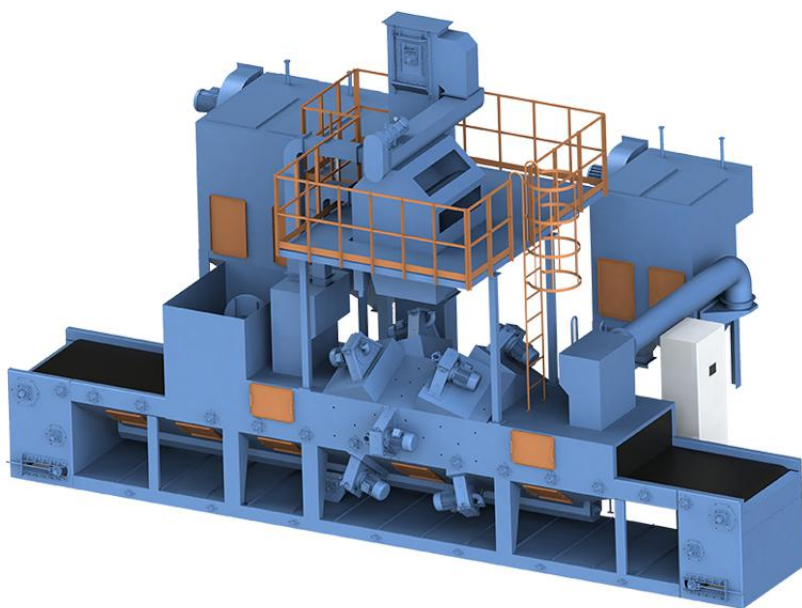


KLWD1500-10 WIRE MESH BELT SHOT BLASTING MACHINE

- SPECIAL FOR CLEANING CASTINGS, WELDING PARTS, FORGINGS, HEAT TREATMENT PARTS, ALUMINIUM BUILDING TEMPLATE ETC



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KLWD1500-10 Wire mesh belt 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. The wire mesh belt shot blasting machine can practically handle any work piece size and throughput with minimum space requirements.

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



Size of Blasting Jobs	
Max Size	1,400× 500mm
Max Weight of Products	100kg/pc
Blasting Chamber	
Size (W×H)	1,600×600mm
Chamber Manufacturing	Blasting hot spot area is protected by 12mm Mn13 wearing resistance plate liner Mn13 wearing resistance plate liner service life ≥ 10,000hrs
Steel Shots Size	
Model	S330
Initial Input	4,000kg
Blasting Wheel	
Model	KL-BW350D
Type	Direct Coupling
Quantity	10 sets
Rotating speed	2930 rmp
Shot blasting capacity	200kg/min × 10
Power	11kw × 10
Service Life	Blades ≥ 1000 hrs, Control Cage ≥ 2000 hrs, Impeller ≥ 2000 hrs
Wire Mesh Belt Conveying System	
Wire Mesh Material	Mn13 Wire Mesh
Wire Mesh Belt Length	22,000mm
Wire Mesh Belt Width	1,500mm
Max Loading for Conveyor	1,000kgs
Working Speed	0.5~5m/min Variable Speed by VFD
Power	1.5kw × 2
Portrait Screw Conveyor	
Delivery capacity	120 t/h
Rotation Speed Inspection	Proximity Switch
Power	7.5 kw ×1
Quantity	1 set
Transverse Screw Conveyor	
Delivery capacity	120 t/h
Rotation Speed Inspection	Proximity Switch
Power	5.5 kw ×1
Quantity	1 set

Bucket Elevator	
Lifting capacity	120 t/h ×1
Rotation Speed Inspection	Proximity Switch
Power	11 kw
Quantity	1 set
Abrasive - Dust Separator	
Separating capacity	120 t/h
Type	Air Wash
Air speed in separating area	4~5 m/s
Power	5.5kw
Quantity	1 set
Pneumatic Shots Supply Valve	
Compressed Air Pressure	0.4~0.6 Mpa
Quantity	10 pcs
Shots Clean Off System	
High Pressure Air Fan	7.5kw
Quantity	1 set
Pulse Jet Dust Collector	
Model	KL-DC-12
Cartridge Filter	Φ325 × 660mm
Cartridge Filter Quantity	12 pcs
Dust Cleaning Type	Pulse Jet
Dust Emission from exhausted air	≤10 mg/m ³
Air Volume	~ 12,500 m ³ /hr
Centrifugal Air Fan	11 kw × 2
Quantity	2 Sets
Electrical Control System	
Voltage/Frequency	380V/50Hz/3Ph or 415V/50Hz/3Ph
Operation Type	Manual control
Equipped with Famous Brand Elements Such as Schneider, Mitsubishi, Siemens	PLC, breaker, contactor, time relay, thermal relay, button, switch etc.Interlock System, Failure Alarming
Total Power: ~176kw	
Equipment Size: L × W × H 11,600mm×5,800mm×6,000mm (Foundation Pit -800mm)	

Supply Scope of Wire Mesh Belt Shot Blasting Machine For Seller & Buyer

3.1 Supply Scope from the seller

KLWD1500-10 Wire Mesh Belt Shot Blasting Machine	01) Shot Blasting Chamber Made by Mn13 steel plate with Mn13 Wearing resistance line to protect wall
	02) Mn13/6mm, Pneumatic Cylinder Auto Door, 1 set
	03) 11kw-KLQ350D Direct Coupling Blasting Wheels, 10 sets
	04) 7.5kw-120t/hr Portrait Screw Conveyor, 1 set
	05) 5.5kw-120t/hr Transverse Screw Conveyor, 1 set
	06) 11kw-120/hr Bucket Elevator, 01 set
	07) 5.5kw-120t/hr Air Wash type Separator, 01 set
	08) Pneumatic Shots Supply Valve, 10 sets
	09) Shots Clean Off System with High Pressure Fan 7.5kw, 01 Set
	10) Abrasive Collecting Box, 01 set
	11) KL-DC-12 Pulse Jet Dust Collector, 02 sets
	12) 11kw Centrifugal air fan, 02 sets
	13) Air Ducting Pipeline, 01 set
	14) 1500mm×22000mm Mn13 Wire Mesh Belt Conveyor 1.5kw×2, 01 Set
	15) Electrical control system, 01 set
	16) Platform & Railings
	17) Accessories

3.2 Supply Scope from the buyer

KLWD1500-10 Wire Mesh Belt Shot Blasting Machine	01) Compressed Air System including pipelines to blasting equipment & air compressor.
	02) Electrical Power
	03) Abrasive: steel shots/grits, carbon steel cut wire shots, stainless steel shots
	04) Hanging tools to hang the workpieces for blasting.
	05) Installation tools
	06) Workpieces for blasting
	07) Foundation Construction
	08) Workers to help installation

Energy Consumption List

Electrical Power Consumption List

No.	Name	Power
1	Blasting Wheels	11kw × 10
2	Portrait Screw Conveyor	7.5kw × 1
3	Transverse Screw Conveyor	5.5kw × 1
4	Bucket Elevator	11kw × 1
5	Air Wash Type Separator	5.5kw × 1
6	High Pressure Air Fan	7.5kw × 1
7	Centrifugal Air Fan	11kw × 2
8	Wire Mesh Belt Conveyor	1.5kw × 2
	Total Power	172kw

Compressed Air Consumption

No.	Name	Power
1	Dust Collector	1.5cbm/min, 0.6Mpa
2	Pneumatic Supply Valve	

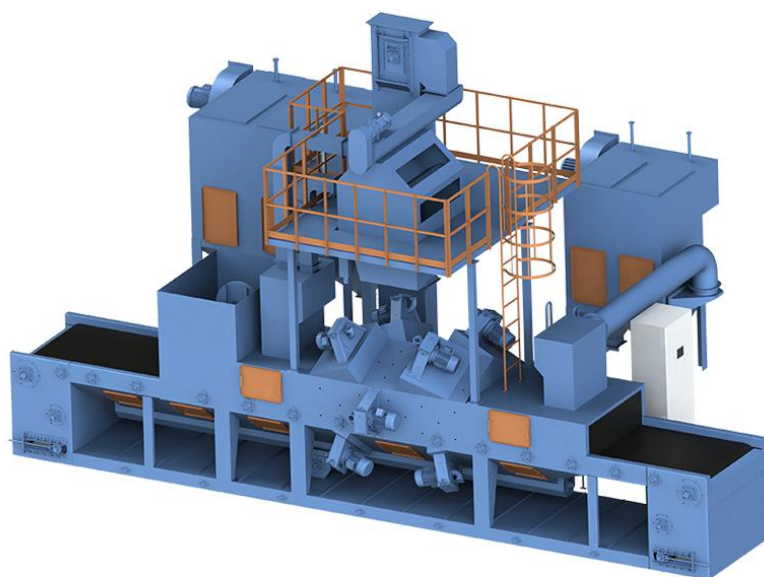
Remark:

- The buyer needs to provide piston air compressor 1.05cbm/min, 1.05Mpa, air tank, air drier, water oil separator, relief valves and compressed air pipeline by themselves.

Key Parts Manufacturer

No.	Name	Manufacturer
1	Blasting Wheel	Kholee / Sanxing
2	Consumable Spare Parts in Blasting Wheel	KXD
3	Blasting Turbine Motor	Bede / Dazhong/ Huali
4	Electrical Chain Hoist	Henan/Zhejiang
5	Gear Reduced Motor	Guomao / Tailong
6	Mn13 Steel Plate	Bao Steel / Tai Steel
7	Centrifugal Air Fan	Nantong / Shanghai / Dongtai
8	Dust Collector	Sanxing
9	Key Electrical Elements	Schneider
10	PLC	Mitsubishi /Siemens

PHOTOS OF SHOT BLASTING MACHINE



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