

STEEL PIPE SHOT BLASTING MACHINE

- SPECIAL FOR SMALL, MEDIUM AND LARGE STEEL PIPE CLEANING



KHOLEE BLAST - YANCHENG DAFENG SANXING MACHINERY CO., LTD

EXPERT IN BLASTING & PAINTING INDUSTRY

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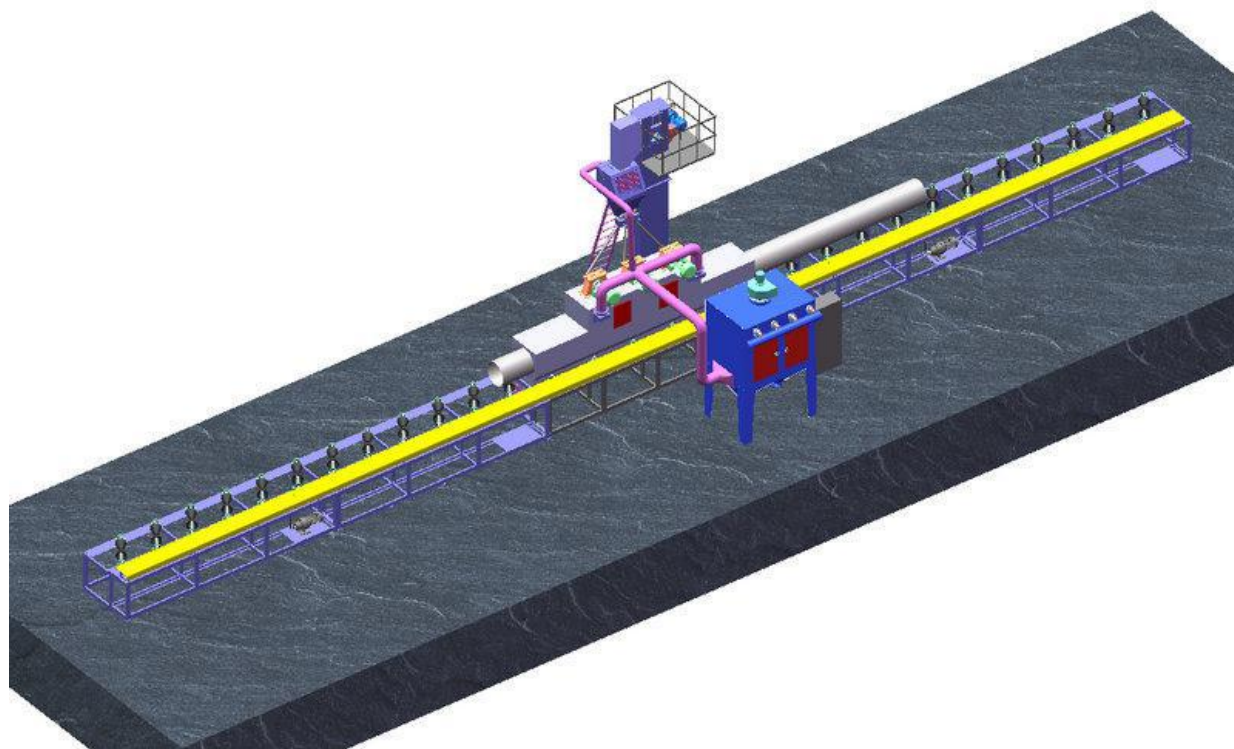
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Steel pipe shot blasting machine is used to clean external surface of steel pipe, round bar, drilling rod etc. It can clean rust, oxide layers, paint film and intensify. The equipment adopts V conveying roller system or rubber wheel to delivery steel pipe. When steel pipe moves forward on conveyor, it will rotate at the same time. When steel pipe passes through blasting area, the high speed of steel shots will hit the surface of steel tube and do blasting. The equipment is widely used in petroleum oil & gas, steel pipe stockholders, chemical, grid engineering and boiler etc.

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

STEEL PIPE SHOT BLASTING MACHINE FOR EXTERNAL SURFACE				
Model	KLGP310-2E	KLGP300-2	KLGP450-3	KLGP600-3
Steel Pipe Size (mm)	Φ310×6,000	Φ300×9,000	Φ450×9,000	Φ600×9,000
Qty of Tube Cleaned	1~3 pcs		1 pcs	
Working Speed (m/min)	0.5~3			
Shot Blasting Volume (kg/min)	250 × 2	200 × 2	200 × 3	250 × 3
Surface Quality After Blasting	Sa 2.5 GB8923-88 (ISO8501)			
Roughness After Blasting	Ra20~75			
Dust Emission Density (mg/m ³)	80mg/m ³			



- Note:**
- Kholee Blast also designs and manufactures non-standard steel pipe 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.

STEEL PIPE SHOT BLASTING MACHINE FOR EXTERNAL SURFACE

Model	KLGP1220-2	KLGP2000-2	KLGP2800-2	KLGP4000-2
Steel Tube Size (mm)	Φ1,220×12,000	Φ2,000×12,000	Φ2,800×12,000	Φ4,000×12,000
Working Speed	0.5~3.0m/min			
Shot Blasting Volume (kg/min)	250 × 2	300×2	350×2	720×2
Surface Quality After Blasting	Sa 2.5 GB8923-88(ISO8501)			
Roughness After Blasting	Ra20~75			
Dust Emission Density	80mg/m ³			



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PIPE INTERNAL BLASTER TOOLS

- SPECIAL FOR STEEL PIPE INTERNAL CLEANING



KLPS50-300



KLPS250-500



KLPS450-850

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Pipe Internal Blaster Tool

Before pipe internal painting, it needs to clean rust and other dirt from the internal surface of steel pipe; Sometimes, the internal surface of pipe is very smooth and it is not easy for paint film to stick on. For these two situation, it needs pipe internal blasting equipment to do pre-treatment. The best way is to air blasting technology. It adopts high pressure compressed air to blast out abrasives from pipe internal blaster to the internal surface of pipe. The abrasives will hit the internal surface of pipe and remove rust and dirt away. For smooth surface of pipe, internal blasting will make the surface become rough which will increase the adhesion of paint film on steel. The whole system should include internal pipe blaster, high pressure sand blast hose and sand blasting pot system.

The KLPS series pipe internal blaster tools are designed to blast clean pipe ranging from $\Phi 50\sim 850\text{mm}$. The blaster tools will connect to a sand blasting pot in place of a standard nozzle. As the blaster tools pass through the length of the pipe, the rust and dirt will be removed away from the internal surface of pipe.

● Technical Specification

Model	Steel Pipe Size	Abrasive Used	Max Compressed Air Consumption	Outsize of Blaster
KLPS50-300	$\Phi 50\sim 300\text{mm}$	$\leq 1\text{mm}$	3 cbm/min, 0.5~0.7Mpa	$\Phi 50\times 350\text{mm}$
KLPS250-500	$\Phi 250\sim 500\text{mm}$	$\leq 1.2\text{mm}$	6 cbm/min, 0.5~0.7Mpa	$\Phi 240\times 450\text{mm}$
KLPS450-850	$\Phi 450\sim 900\text{mm}$	$\leq 1.5\text{mm}$	10 cbm/min, 0.5~0.7Mpa	$\Phi 440\times 800\text{mm}$

