



武钢华工激光  
WISCO-HGLaser

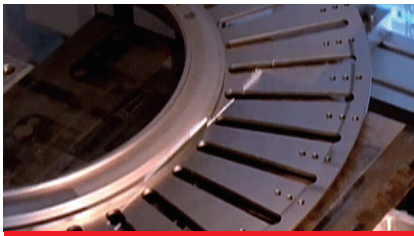
Comparative Advantages

Wisco-HGLaser  
JQA50/JQA100/JQA200/JQA500

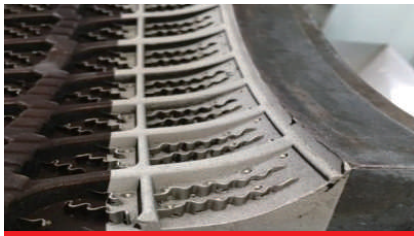
Item	Laser Cleaning	Chemical Cleaning	Michenical Grinding	Dry Ice Blast Cleaning	Ultra Sonic Cleaning
Cleaning Method	Laser, non-touched	Chemical cleaning agent, touched	Abrasive paper, touched	Dry ice, non-touched	Agent, touched
Work Piece Damage	No	Yes	Yes	No	No
Efficiency	High	Low	Low	Normal	Normal
Consumption	Using electricity only	Chemical cleaning agent	Abrasive paper, abrasive wheel	Dry ice	Special agent
Effect	Good	Normal, nonuniform	normal, nonuniform	Clean, nonuniform	Clean, small range
Security/ Environmental Protection	Non-polluted	Polluted	Polluted	Non-polluted	Non-polluted
Operation	Easy operated, manual/auto	Complex operated, need high qualified operator	Labors consumed, need protection device	Easy operated, manual/auto	Easy operated, manually add consumption
Cost	Investment is high at first time, no consumption, low maintenance cost	Investment is low at first time, consumption is high	Investment is high at first time, low consumption, low maintenance cost	Investment is normal at first time, consumption is high	Investment is low at first time, consumption is normal

Typical Applications

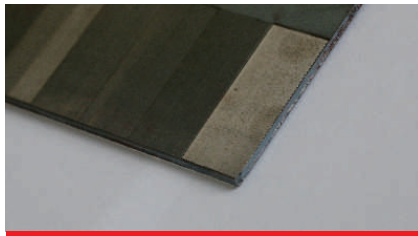
Wisco-HGLaser  
JQA50/JQA100/JQA200/JQA500



Stainless steel hub surface oil removing



Tire mold rubber removing



Stainless steel welding oxide layer removing



Mold rust cleaning



Bear oil removing



Engineer cavity coat removing



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LASER HANDHELD  
CLEANING MACHINES

JQA50/JQA100/JQA200/JQA500



Rust cleaning/ paint cleaning/ oil removing/ rubber removing and etc

- High-efficiency, environment friendly, safety and reliable
- Clean class and precision are high
- Almost no damage to base material



Laser cleaning machine

Wisco-HGLaser  
JQA50/JQA100/JQA200/JQA500

Laser clean machine is the latest hi-tech product for surface cleaning. The advantage is easy operation, easy automatic integration, no chemical agent consuming, close to curve surface, high clean class, high precision, high-efficiency, environment friendly, safe and reliable, almost no damage to base material and etc. And, can solve more issues comparing to traditional cleaning method.



Product Features

Wisco-HGLaser  
JQA50/JQA100/JQA200/JQA500

- No grinding, no touch, avoid secondary pollution
- High clean class, easy to control
- No consuming material, environment friendly
- Easy to operate, only drive by electricity, manual or automatic running assembled with manipulator
- High clean efficiency, saving time
- Reliable system, long life
- Invest for only one time, economical and high efficiency



Rust removing before



Rust removing after

Typical Application

Wisco-HGLaser  
JQA50/JQA100/JQA200/JQA500

- Metal surface rust removing
- Surface coat removing
- Surface oil, dirt removing
- Surface cladding, painting removing
- Statues surface dirt and adsorbate removing
- Rubber mold cleaning

Product Parameters

Wisco-HGLaser  
JQA50/JQA100/JQA200/JQA500

Model	JQA50	JQA100	JQA200	JQA500
Average Output Power	50 W	100 W	200 W	500 W
Scanning Line Speed	≤7000 mm/s	≤7000 mm/s	≤7000 mm/s	≤7000 mm/s
Cooling	Air Cooling	Air Cooling	Water Cooling	Water Cooling
Operation Mode	Manual/Auto			
Operation Distance	100, 170 (Standard), 250, 300 mm			
Handheld Scanner Weight	Approx 3 kg	Approx 3 kg	Approx 3 kg	Approx 4 kg
Fiber Length	Standard 3 m	Standard 3 m	Standard 3 m	Standard 15 m
Power Supply	AC 220V 50 kHz 2,0 kW	AC 220V 50 kHz 3,5 kW	AC 220V 50 kHz 7,5 kW	AC 220V 50kHz 16,0 kW
Size (LxWxH)	450x350x860 mm	450x350x860 mm	1165x700x1115 mm	1250x850x1250 mm
Operating temperature	10-40 °C			
Shock	0.98m/s2 (0.1 g) or less, 0-60Hz; Transportation: 4.9m/s2(0.5g) or less			

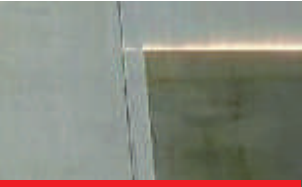
Typical applications

Wisco-HGLaser  
JQA50/JQA100/JQA200/JQA500

Auto accessories, ship, railway transportation, aviation, rubber mold, environmental and etc



Auto accessories  
Clad layer removing



Ship  
Oil removing



Railway transportation  
Painting removing



Rubber mold  
Glue removing



Environmental  
Preprocessing



Relic repair  
Statues surface cleaning



High class tooling machine  
Rust removing



Others