



SHOTBLASTING  
An ISO 9001:2015 Certified Company

# HI-SPEED AIRLESS BLAST WHEEL



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- Airless Blasting Machine
- Air Operated Blasting Machine
- Paint Spray Booths
- Powder Coating & Baking Oven System
- Spares & Abrasives

## Hi-Speed Airless Blast Wheel

A shot Blast wheel is key component of shot blasting Machines used in surface preparation and cleaning processes. It responsible for propelling abrasive media, such as steel shots or grits, at high velocities to impact the surface of the workpiece and remove contaminants, scale, or coatings.

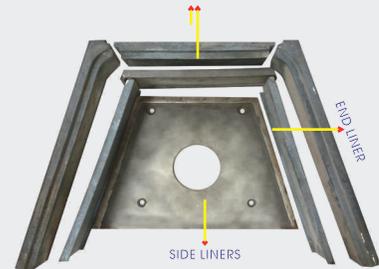
The shot blast wheel features a rotating impeller or rotor that is equipped with blades or paddles. As the rotor spins, the abrasive Media is thrown outwards due to centrifugal force. The media then travels through a blasting Hose or Pipe and is directed towards the workpiece, resulting in the desired cleaning or preparation effect.



**BLADES**



**SOUNDABRATOR VALVE**



**LINERS**



**BARE WHEEL**



**CONTROL CAGE**



**IMPELLER**

Wheel Parameters		50-320	65-395	85-495
Blast wheel Ø		320	395	495
Drive		Direct	Direct	Direct/Belt
Motor rating, kW		5.5-7.5	11-18.5	18.5-45
Media throughput, kg/min.		83-110	165-275	275-660
Revolutions/min.		2800	2800	2800
Blade width, mm		63	70	90
No. of blades		6	8	8
Projection speed, m/sec		72-82	72-82	80-90
Voltage, V/Hz		415 / 50	415 / 50	415 / 50
Material	Life (Hours)	Options	Options	Options
Casted	750	✓	✓	✓
Tool Steel Machined	2000	✓	✓	✓
Wolfram Carbide	6000	✓	✓	✓