



# Work Car Shot Blast System

The Wheelabrator® Work Car is a fully automated system designed to descale and remove rust and scale from custom fabrications. The parts are conveyed through the blast machine on specially designed work cars with varying speed capacities. This high production machine will pass parts through a work opening 6 ft. wide x 12 ft. high. The cleaning work envelope is 5 ft. wide x 10 ft. high.

This machine eliminates the environmental problems and high labor costs associated with manual air blasting. An extensive range of blast cabinets is available to accommodate all part sizes. Wheelabrator products include standard and customized systems to meet individual customer requirements.

**Features & Benefits**

- Heavy duty, direct drive 12-bladed blast wheels, efficient abrasive recycling system and high capacity dust collector
- Wear resistant blast cabinet, constructed from welded manganese plate with replaceable high chrome cast liners in-line of the blast stream
- Extended vestibules with multiple sets of seals for optimum abrasive retention
- Reclaim system designed for use with recyclable, long lasting steel shot for reduced operating costs
- Maintenance friendly design includes: retention seals replaceable from exterior of machine, service platform and ladder for access to upper level components, pitless design available
- Quality assurance with the machines fully assembled, pre-wired and dry tested at factory before shipment

**Specifications**

Workpiece Width	60" maximum
Workpiece Height	120" maximum
<b>Cabinet:</b>	
Blast Zone	Manganese steel construction with in-line wear plates
Vestibules	Multiple sets of finger seals
Puller Chain	5 h.p. gear motor A/C frequency drive, block link chain with drive and return tracks, hydraulic take up
<b>Abrasive Reclaim System:</b>	
Lower Reclaim	Screw conveyor system
Bucket Elevator	Multi-ply belt, cast iron buckets, brake motor, access doors, zero
Speed	Switch
Abrasive Separator	Powered rotary screen to remove large trash, cascade airwash system for fine and course particle removal
<b>Blast Wheels:</b>	
Number	8
Wheel Type	TargetLok™ 12 Bladed
Abrasive Velocity	265 ft./sec. Other options available
Dust Collector	Cartridge filter type



Cleaned workpieces exiting

# technical specifications

**Available Options:**

- Vestibule extensions
- Spill hopper extensions
- Air-Cannon blow off
- Touch up/blow off enclosure
- Vacuum for clean up
- Automatic abrasive adder
- Dust collector after-filter
- PLC controls

For more information please contact

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