

Lightweight and portable abrasive blast cleaning with high production rates

Pauli Systems 16 WB and 24 WB machines are designed for portability and maneuverability. The popular model 24 WB combines 16" wheels, high axle and a full 7" clearance. The compact design fits through narrow openings and rolls over rough terrain. Both machines are engineered to provide an efficient, cost effective means of abrasive blast cleaning and surface preparation. Note: Never use with sand abrasive.



Conical Machine Bottom

Continuous and even flow is assured, right to the last pound of material. The Pauli Systems blast generator cone bottom is designed at a steeper angle than the repose of most media, and no residual matter remains to absorb moisture or cause clogging.



Feathertouch® Remote Control

No ordinary remote control system, the Feathertouch fast-action design saves ten seconds or more on spot blasts and prevents overblasting and waste of abrasive material. A simple press or release of the Feathertouch lever starts or stops media blasting at the nozzle. Use of the Feathertouch helps prevent operator fatigue – and thus gives you a safer, faster and more economical job. Includes the exclusive Auto-Lok feature.

The Pauli Systems Large-Pattern Super Venturi Nozzle

Supersonic speeds allow effective blasting over a greatly enlarged surface area. The air stream enters the nozzle at subsonic velocity and accelerates to Mach 3 in the diverging section. Pauli Systems nozzles can withstand these punishing speeds due to tough tungsten carbide nozzle fabrication. The assembly is then jacketed in low rebound zinc alloy or plastic for shock protection.

Laminar Flow Media Mixing Valve

A unique vertical flow valve design eliminates unnecessary abrasive direction changes and turbulence, which are a valve's biggest enemies. Fine tuning of the air-abrasive mixture is controlled by two stainless steel discs, one stationary and one which rotates to any aperture opening. The Pauli Systems valve has no circuitous route for abrasive to follow, thus even damp abrasive can be metered smoothly without constant use of the choke valve. The Pauli Systems valve also virtually eliminates damaging reverse flow of abrasive.

Self-Cleaning Abrasive Trap

Pauli Systems self-cleaning trap eliminates the need for daily maintenance of remote control systems. Each time the Feathertouch lever is depressed, a backward directed burst of air automatically loosens media from the exhaust valve's protective screen and carries it back into the machine. This amazing device slashes downtime, premature wear on the trap and exhaust valve, and prevents abrasive build-up in virtually all areas of the system.

High volume Pop-Up Stems

The Pauli Systems automatic pop-up stem allows pressurization of the machine four times faster – feed area is quadrupled from the standard 0.3 square inches, to a full 1.2 square inches. Pauli Systems' pop-up stem also eliminates backward flow, through the media valve; thus, abrasive valve life is substantially increased – by as much as fifty times.

Pauli Systems 16 WB and 24 WB Specifications

Model 16 WB

Pressure Vessel Volume	3 ft ³ (85 liters)
Media Capacity	300 lbs nominal depending on abrasive
Size	16" diameter, 50" high
Weight	230 lbs
Tires	16" OD 16 x 400 zero pressure tires
Axle	Heavy duty 1" axle
Piping	1" NPT valves and fittings
Handle	Special lifting handle
Remote Control	Feathertouch® RC-100SC with 1" piping

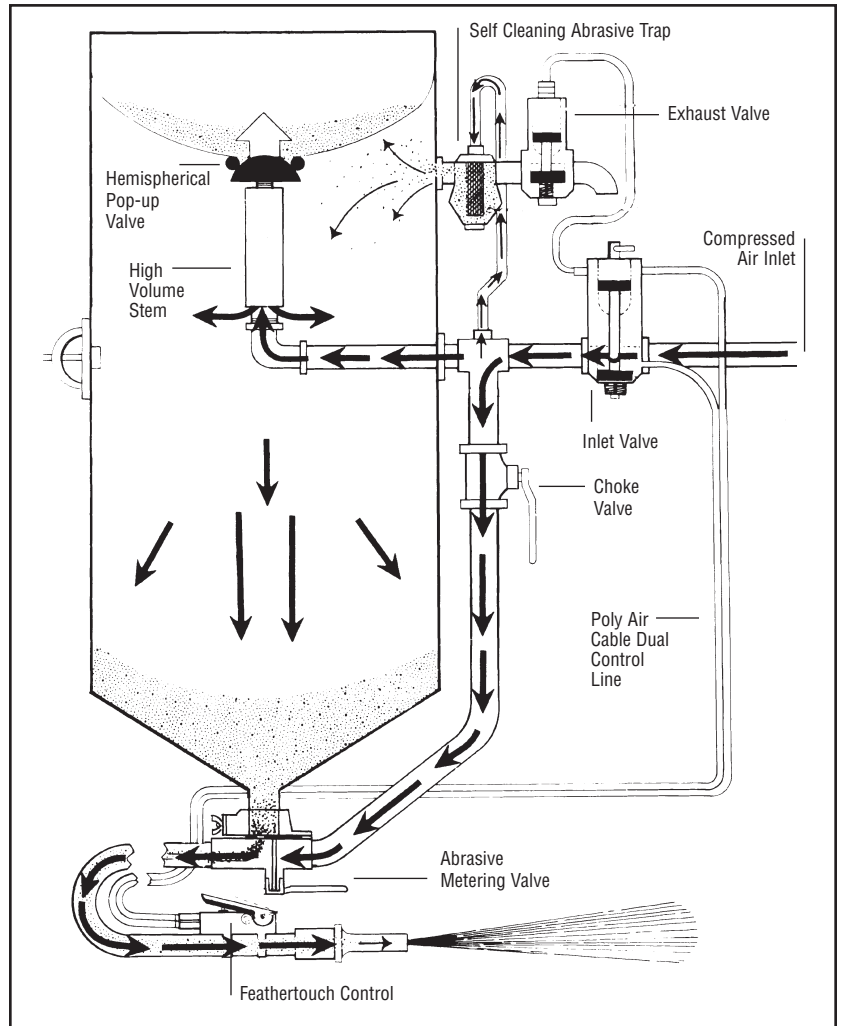
Model 24 WB

Pressure Vessel Volume	6 ft ³ (170 liters)
Media Capacity	600 lbs nominal depending on abrasive
Size	24" diameter, 53" high
Weight	340 lbs
Tires	16" OD 16 x 400 zero pressure tires
Axle	Heavy duty 1" axle
Piping	1-1/4" NPT valves and fittings
Handle	Special lifting eye on handle
Remote Control	Feathertouch RC-150SC with 1-1/4" piping

Options

Both models are available with a full range of optional equipment.

- Moisture Separator
- Hypodermic Pressure Gauge
- Machine Screens
- Machine Covers
- Abrasive Diverter
- Aquablast Attachment
- Nozzles
- Safety Equipment
- Quick Coupling Devices
- Air Pressure regulator
- Air Purifier
- Breathable Air Hood
- Gloves
- Compressed Air Systems and Dryers
- Media Storage Hopper



P-16 Complete package abrasive blast machine

(3 cubic feet volume)
 Three Cubic Foot Volume Package Unit for 105-160 CFM air compressor, consisting of:
 16WB Abrasive Blast Machine
 R100SC FEATHERTOUCH™ Remote Control System (Lo Pro)
 Filter, breathing air, two outlet
 Helmet with belt, break valve and cape
 Hose, helmet air supply
 Nozzle, blast BMLV-4
 Hose, blast assembly, 3/4" I.D. with nozzle holder and quick coupling
 Gloves, leather
 Jacket, leather: state size when ordering
 Apron, Split leg: state size when ordering
 Note: Protective shoes and pants not included. To be supplied by operator.

P-24 Complete package abrasive blast machine

(6 cubic feet volume)
 Six Cubic Foot Volume Package Unit for 210-250 CFM air compressor, consisting of:
 24WB Abrasive Blast Machine with 1 1/4" Piping
 RC-150SC FEATHERTOUCH Remote Control System (Lo Pro)
 Filter, breathing air, two outlet
 Helmet with belt, break valve and cape
 Hose, helmet air supply
 Nozzle, blast BMLV-6
 Hose, 1-1/4" I.D. blast assembly with nozzle holder and quick coupling
 Gloves, leather

Jacket, leather: state size when ordering
 Apron, Split leg: state size when ordering (for larger air compressors specify larger nozzle size)
 Note: Protective shoes and pants not included. To be supplied by operator.

P-16SP -- Basic spare parts kit for estimated 1000 hours operation of P-16 Unit, consisting of:

BMLV-4 Nozzle
 CQ Gasket, 12 ea.
 Nozzle washer, 12 ea.
 Pop-up valve with 2" Stem
 "O" ring pop-up seat
 PHE-1 nozzle holder
 CQ1A blast hose coupling
 Helmet lens, 100 ea.
 CQFTA machine coupling
 Abrasive trap repair kit, 2 ea.
 FEATHERTOUCH repair kit (Lo Pro)
 Inlet valve repair kit, (RCV100 valve)
 Exhaust valve repair kit, (RC0100 valve), 2 ea.
 PolyAirCable repair kit

P-24SP -- Basic spare parts kit for estimated 1000 hours operation of P-24 unit, consisting of:

BMLV-6 Nozzle
 CQ Gasket, 12 ea.
 Nozzle washer, 12 ea.
 Pop-up valve with 2" stem
 "O" ring pop-up seat s/b seal
 PHEX-3 nozzle holder
 CQ3A blast hose coupling

Helmet lens, 100 ea.
 CQFTA machine coupling
 Abrasive trap repair kit, 2 ea.
 FEATHERTOUCH repair kit (Lo Pro)
 Inlet valve repair kit (RCV150 valve)
 Exhaust valve repair kit (RC100 valve), 2 ea.
 PolyAirCable repair kit

WARNING: NEVER USE WITH SAND

ABRASIVE WARNING: ALL ABRASIVE BLASTING CREATES BREATHABLE PARTICLES OF DUST WHICH MAY INCLUDE SILICA AND WHICH MAY LEAD TO VARIOUS DISEASES INCLUDING SILICOSIS, A LUNG DISEASE THAT CAN BE FATAL. ABRASIVE REBOUND OR DIRECT BLAST MAY ALSO INJURE AN UNPROTECTED OPERATOR. THEREFORE, SAFETY REQUIRES THAT THOSE PERSONS IN THE AREA OF ABRASIVE BLASTING ALWAYS WEAR PROPERLY SELECTED AND MAINTAINED GOVERNMENT APPROVED RESPIRATORY EQUIPMENT AND FULL PROTECTIVE CLOTHING, FROM HEAD TO FOOT. RESPIRATORS MUST BE SUPPLIED WITH GOVERNMENT APPROVED QUALITY BREATHING AIR. BEFORE USING MACHINE GET APPROVAL FROM YOUR SAFETY DEPARTMENT.