



Model 420E



GOFF®

“Blasting Solutions”

Goff's 420E Portable Blast Cleaning system delivers efficient and economical cleaning and surface preparation with a proven design offering excellent production, simple operation, and easy maintenance.

Features

- Air Wash Separator
- 20" Blast Width
- High Efficiency Cartridge DC
- Self Propelled
- Rebound Abrasive Reclaim
- Direct Drive Blast Unit
- Low Noise Level
- Variable Speed Drive

SPECIFICATIONS—Model 420E

EQUIPMENT DIMENSIONS

	420E
Width	38" Max
Blast Width	20"
Height	72" Max
Length	96" Max
Weight	4,000 lbs

BLAST WHEEL

WHEEL - The direct drive blast wheel revolves at 3600 RPM for maximum abrasive velocity. 15" diameter wheel with 7 curved blades 3" wide is standard. All wheel components assure smooth operation.

WHEEL HOUSING - Fabricated from 1/4" steel plate. Housing is lined with cast interlocking abrasive resistant liners.

BLADES - Unique interlock design eases blade replacement. Cast from abrasive resistant alloy to insure maximum life. Curved blade design provides maximum abrasive control.

CONTROL CAGE - Dial type cage gives positive adjustment of blast pattern. Cast alloy steel construction.

BLAST UNIT CONSTRUCTION

CABINET - Rebound chamber constructed of manganese steel. Positive seals prevent escape of

abrasive and dust. Self propelled variable speed hydraulic drive allows complete operator control. Caster type wheels for mobility.

ABRASIVE RECYCLING SYSTEM

- Rebound reclaim system.
- Air wash separator system.
- 100 lbs abrasive capacity.
- Abrasive control valve, fully adjustable butterfly valve provides precise flow control of abrasive to each blast wheel. Totally enclosed design assures maximum noise suppression.

VENTILATION

The dust collector Model 1216 is standard. This mounted dust collector offers 1200 CFM of airflow. This unit consists of 12 high efficiency cartridge type elements. To maintain continuous duty the system has automatic reverse air flow pulse self cleaning of the cartridges. The pulse system requires 90 PSI of compressed air (not included). The one step slide out dust bin allows easy disposal of dust and debris.

ELECTRICAL COMPONENTS

- NEMA Type 12 electrical enclosure.
- Thermal overload protection.
- 460 volt primary, 115 volt secondary control transformer, all 3 phase, 60 cycle.

ELECTRIC MOTORS

- All motors TEFC, ball bearings, 230/460 volt, 3 phase
- Blast Wheel - 40 HP/3600 RPM
- Hydraulic Motor - 3 HP/1800 RPM
- Dust Collector 3 HP/1800 RPM
- Full Load Amps w/1216 DC, 460V/3Ph/60Hz/62A

NOISE LEVEL - Approx. 95 db.

Specifications subject to change without notice.

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