Powergun by CLEMCO

Portable Suction Blaster
and Optional Hopper on Cart

CLEMCO®

- *Powerful suction-blast tool*
- *Incredibly portable*
- *Ideal for touch-up work*
- *A 'must-have' tool*

The Clemco Power Gun is a suction-blast tool designed for dry abrasive blasting where the air supply is limited or the job is small. The tool is lightweight and compact and ideal where setting up a conventional pressure blast machine would be awkward or inconvenient. The Power Gun can be used with all common media to clean or etch metal, clean masonry, etch glass, and other durable surfaces.

Requirements for Operation

These items are required but not included with the Power Gun:
Clean, dry, compressed air of sufficient volume to maintain pressure at the gun. Volume of air will depend upon the application and desired production rate. Suitable NIOSH-approved air-fed helmet for respiratory protection for the operator, as required by OSHA.

Blast Media as suitable for the application. The Power Gun handles most fine media suitable for blasting. Consult distributor for media recommendation. NIOSH recommends against the use of abrasive containing more than 1% free silica.

The optional heavy-duty plastic hopper holds an ample supply of media. The amount of media loaded will be dictated by the application and the location of the blast job.

Description of Operation

The tool simply connects to compressed-air and abrasive sources. The unique suction lance installed on the abrasive hose is partially submerged into a bag of media or connected to the optional media hopper. Blasting begins when the operator depresses a lever on the gun. The tool operates on the principle of induction, where vacuum is created by the compressed air rushing past the point where the abrasive hose attaches to the gun. The vacuum draws abrasive through the hose into the gun, where it mixes with compressed air. The air-abrasive mix exits the gun and strikes the surface to be blasted.

Air Consumption

Pressure (psi)	40	50	60	75	90	100	120	140
Volume (cfm)	40	50	60	70	80	90	105	120

Fixed orifice: Air jet 1/4"; nozzle 1/2"

Advantages

- Lightweight, portable, easily transportable tool
- Can be used without media container
- Simple set up without hopper—partially submerge suction lance into bag of abrasive
- Easy to use and maintain

Popular applications

- Touch-up work or re-blasting areas that may have failed inspection
- Onboard ship
- On a scaffold or other elevated or difficult to reach location
- Small jobs

Ordering Information

Power Gun assembly, complete with gun, hoses, hopper and cart 99860
Power Gun assembly, less hopper and cart 90253

ISO 9001-2000 certified. Clemco is committed to continuous product improvement. Specifications are subject to change without notice.

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