

Spin-Blast Hollo-Blast Hollo-Blast Jr.

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Internal Pipe Cleaning...Three Easy Ways

Internal pipe surface preparation is accomplished easier, faster and more economically by the use of Clemco's family of Pipe Cleaning Tools. All these tools are designed to blast clean without the necessity of rotating the pipe. They remove rust, old paint and any other contaminant better than any other method. Through highly powered abrasive impact, precise surface profiles can be obtained which will ensure proper adhesion for long life coatings. Standard abrasive blast machines are used in conjunction with all Pipe Cleaning Tools.

Pipe Cleaning Tools are constructed, in part, of high grade Tungsten Carbide and engineered to provide many hours of productive work. Various Tungsten Carbide nozzle sizes are available to comply with the range of pipe diameters. Any standard blasting abrasive may be used with the exception of Aluminum Oxide and Silicon Carbide. Maximum abrasive size is 16 mesh on Spin-Blast, 20 mesh on Hollo-Blast and 30 mesh on Hollo-Blast Junior.

Pipe Cleaning Tools, which simply replace conventional blast nozzles at the end of the hose, are powered by compressed air. Abrasive is accelerated and propelled through specially designed nozzles. End result is high velocity — hard impact on the surface that will remove the most stubborn materials. Pipe and tubing ranging in size from 3/4" to 36" may be blast cleaned by the assortment of pipe cleaning tools fitted with various centering devices. The Spin-Blast tool accommodates inner diameters from 8" to 36" with its two centering carriages. The Hollo-Blast tool will clean 2" I.D. by itself and extends up to 12" I.D., when either of its two centering devices are attached. To handle smaller diameters, the Hollo-Blast Junior cleans 3/4" to 2" I.D., which requires the use of four centering collars to cover the size range.

Pipe Cleaning Tools are designed for manual travel through pipe. Before blasting, tools are pushed through pipe to the opposite end. When the blast machine is turned on, the operator pulls the tool through pipe at a speed necessary to obtain desired degree of cleaning.



CLEMCO

...the performance system.



Spin-Blast:

Designed to blast clean large diameter pipe with the same direct force as standard blast nozzles. Two Tungsten Carbide nozzles provide mechanism to rotate blast head while propelling abrasive to the surface. Cleans pipe at rates unobtainable by any other means due to its hard hitting force.



Two new centering carriages have been developed to improve Spin-Blast travel through piping. Model CSC-0817 carriage covers diameters from 8" to 17"; model CSC-1236 handles 12" to 36". Each carriage is quickly and easily adjustable.

Five nozzle sizes are available to obtain the best possible cleaning rate. Nozzle selection is based on severity of surface condition and compressed air supply. Standard unit is furnished with 1/4" orifice 1-3/4" long nozzles. Refer to chart below for recommendations that apply to specific applications.

Hollo-Blast:

Hollo-Blast Pipe Cleaning Tool is designed to blast clean small pipe ranging in size from 2" to 12" inner diameter. This tool, which has no moving parts, utilizes a built-in, short venturi, Tungsten Carbide nozzle and Tungsten Carbide deflection tip to spray accelerated abrasive in a 360° blast pattern. Tungsten Carbide deflection tip, stem sleeves, and stem support ensure long wear life.



Hollo-Blast is supplied with 1/2" orifice nozzle. However, 5/8" orifice nozzle is also available, where sufficient air supply can be furnished. Air consumption is 200 CFM on 1/2" nozzle; 350 CFM for 5/8" nozzle.

Two centering devices are available for the Hollo-Blast. The tool without any centering device will fit into 2" I.D. pipe. Model HBC-1 Centering Collars and Buttons will adapt the Hollo-Blast in the 3" to 5" range at 1/2" increments. Model HBC-2 Centering Carriage is adjustable to handle all diameters between 5" and 12" I.D.

Hollo-Blast Junior

Small tubing and pipe may be blast cleaned by use of the Hollo-Blast Junior. Inner diameters from 3/4" to 2" falls within the scope of this tool. Basic design and operation is similar to the Hollo-Blast tool except that all parts are smaller. Tungsten Carbide lined reducer attaches to blast hose threaded coupling and accepts a 3/8" pipe lance to convey air/abrasive mixture to Hollo-Blast Junior.



Hollo-Blast Junior is assembled with one standard tungsten carbide nozzle that requires 80 CFM of compressed air. Four sets of centering collars are furnished with the unit to permit adjustment to various sizes within the 1" to 2" range. Tool by itself will slide into 3/4" I.D.

ORDERING INFORMATION

Spin-Blast

Model	Stock No.
SB-636 Spin-Blast Tool less Carriage, with 1/4" x 1-3/4" nozzles	ISB 02601
CSC-0817 Spin-Blast Carriage .	ISB 03641
CSC-1236 Spin-Blast Carriage .	ISB 04971
Nozzles (2 required):	
5/16" x 1-3/4" long	ISB 01409
3/8" x 1-3/4" long	ISB 01411
5/16" x 3" long	ISB 01410
3/8" x 4" long	ISB 01412
Spare Parts Kit for Spin-Blast . .	ISB 02603

Hollo-Blast

Model	Stock No.
HB-1 Hollo-Blast, less Carriage, with 1/2" nozzle	HBS 01076
HB-2 Hollo-Blast, less Carriage, with 5/8" nozzle	HBS 08446
HBC-1 Hollo-Blast Centering Collar Set	HBC 01124
HBC-2 Hollo-Blast Centering Carriage	HBC 01131

Hollo-Blast Junior

Model	Stock No.
HBJR-R Hollo-Blast Junior includes Set of Centering Collars	HBJ 01098

Pipe Diameter	Spin-Blast Carriage	Nozzle Size Part Number	Recommended Compressor Size*	Abrasive Size
8"-12"	CSC-0817 (Carriage extends to 17")	1/4" x 1-3/4" Long (ISB-01408) 5/16" x 1-3/4" Long (ISB-01409) 3/8" x 1-3/4" Long (ISB-01411)	250 CFM 365 CFM 600 CFM	16-40 Mesh 16-40 Mesh 16-40 Mesh
12"-24"	CSC-1236	5/16" x 3" Long (ISB-01410)	365 CFM	16-40 Mesh
24"-36"	CSC-1236	3/8" x 4" Long (ISB-01412)	600 CFM	16-40 Mesh

* Allows for surplus air.