

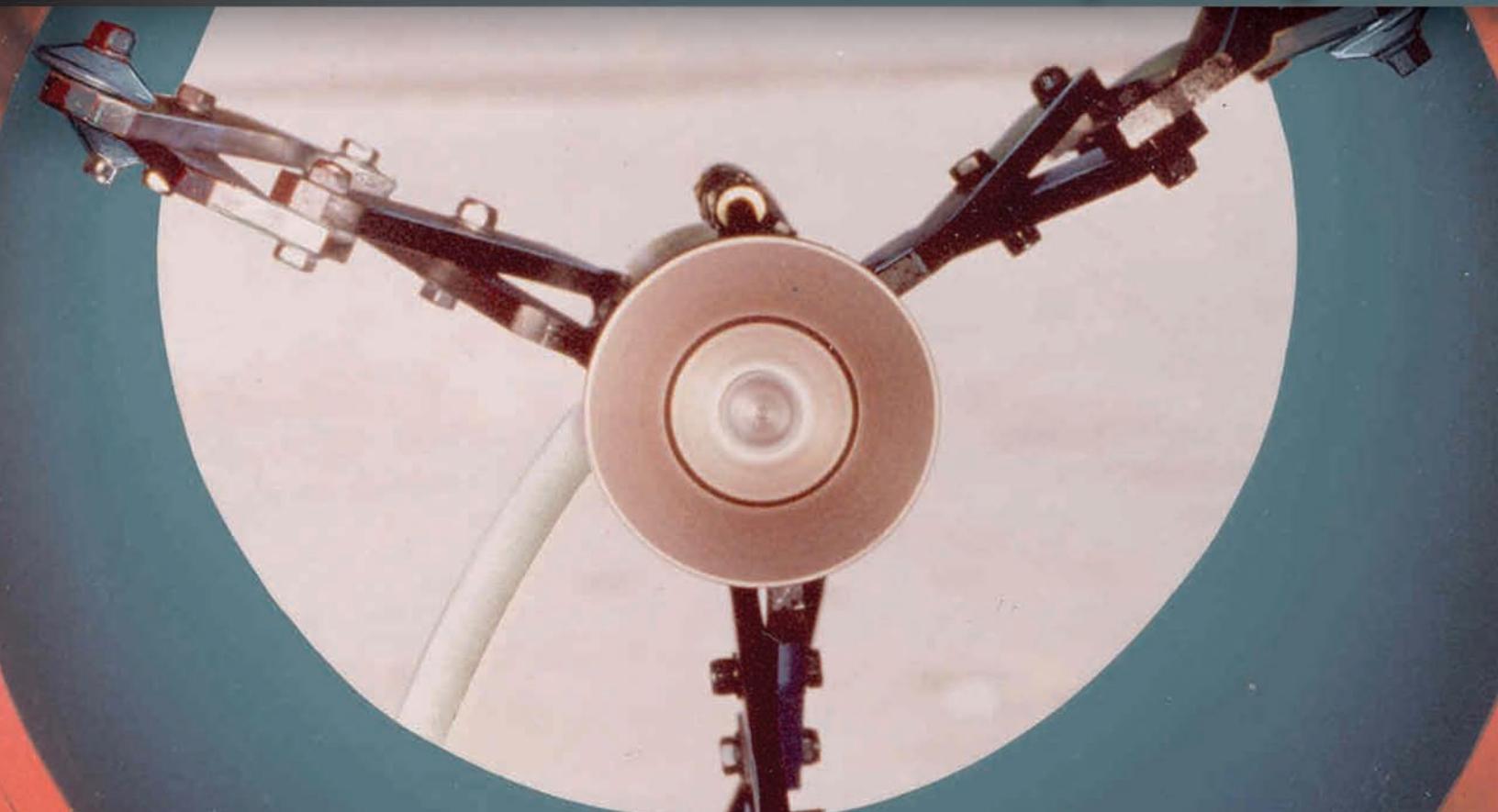
CLEMCO



Precise, Economical, Internal Pipe Cleaning

Pipe Tools

Fast, Efficient, Internal Pipe Coating



Internal Pipe Cleaning

- Clemco tools make pipe cleaning easier
- Suitable for pipe ID sizes from 3/4-inch to 137 inches
- Easy to set up
- All use standard pressure blast machine
- No need to rotate pipe or tubing
- Fast, economical, efficient pipe cleaning

Cleaning and Preventing Corrosion with Proper Surface Preparation

Clemco pipe cleaning tools help you get the job done faster, enhancing productivity and saving you money. Clemco tools are engineered for a wide range of pipe diameters and most common blast abrasives. Each tool handles a specified pipe diameter range with the use of centering devices.

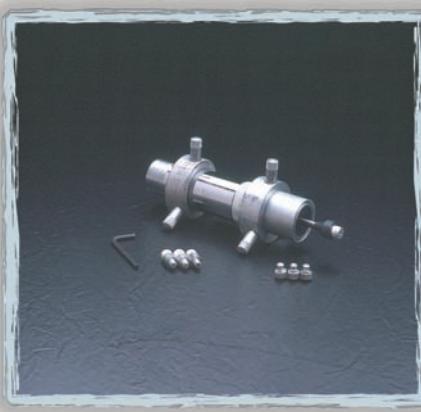
Easy Set Up and Use

These pneumatic tools use compressed air, common abrasives, and standard blast machines, coupled blast hose attached to a customer-provided pipe lance normally in a length that matches the pipe to be cleaned. The tool is placed at the far end of the pipe and drawn manually through the pipe at a speed determined to clean the pipe to the desired degree of cleanliness.

Clemco Hollo-Blast Jr. and Hollo-Blast



Hollo-Blast Jr. is sold with four sets of centering collars



Hollo-Blast with centering collar for 2" to 5" ID pipe



Hollo-Blast with centering carriage for 5" to 12" ID pipe

Hollo-Blast Jr. for Pipes 3/4-inch to 2-inch ID

Hollo-Blast Jr. comes with a 9/32-inch tungsten carbide nozzle, which consumes 80 cfm at 100 psi. Four sets of centering collars accommodate pipes from 1-inch to 2-inch ID. Without using any collar, the tool fits 3/4-inch ID.

Hollo-Blast for Pipes 2-inch to 12-inch ID

Hollo-Blast comes standard with a 1/2-inch short venturi nozzle and tungsten-carbide deflection tip to spray accelerated abrasive in a 360-degree pattern. With 1/2-inch nozzle, the tool uses 200 cfm at 100 psi. Options include a larger, 5/8-inch nozzle

(consuming 350 cfm at 100 psi) and deflection tips in longer-wearing materials: boron carbide or composite material for aggressive-media applications. Adjustable centering devices are used to fit the tool to the pipe diameter size.

Clemco Spin-Blast — for pipes 8-inch to 60-inch ID



The Spin-Blast cleans pipe at rates unobtainable by any other means. The Spin-Blast comes in two model sizes: SB-836 for pipes 8-inch ID to 36-inch ID, with the standard nozzle head; and SB-3660 for pipes from 36-inch to 60-inch ID with a nozzle head capable of holding two nozzles.



In operation, two standard nozzles installed on the head cause the head to rotate and propel abrasive to the pipe surface for incomparable hitting force. SB-3660 uses long venturi nozzles for effective blasting of larger ID pipe.

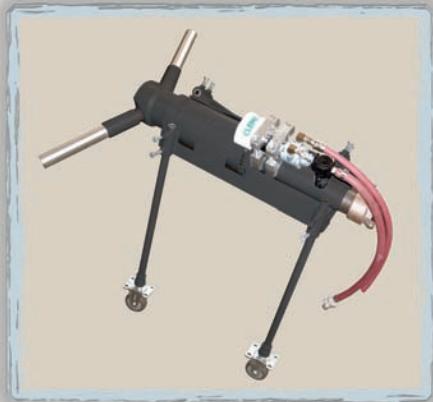


Adjustable carriages are used to fit the tools to the pipe diameter size. These Spin-Blast models are productivity tools, best used in a controlled environment, where they can be maintained as needed for the production schedule.



Internal Pipe Cleaning

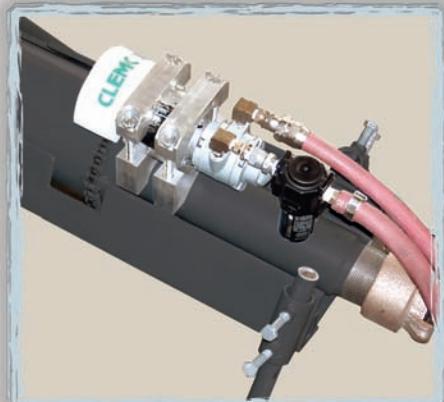
Spin-Blast HD — for large diameter pipe



Spin-Blast HD-P Rugged construction, easy control

The Spin-Blast HD-P

For 18-inch to 48-inch pipe, the Spin-Blast HD pneumatic model uses an air motor to control the rotation speed of the blast head. Independent manual control of the blast head speed allows precise adjustments to suit the pipe surface condition and degree of cleanliness needed. The air motor can be run off the blast cleaning air supply or can be operated with its own compressor. The tool is designed to use two standard long venturi nozzles. The total compressed-air consumption of the tool will depend upon the nozzle orifice size.



Spin-Blast HD-P air motor

Two HD models serve the needs of rugged, high-production operations. Engineered to be truly heavy-duty for real world conditions, they have few moving parts, which translates to more optimum maintenance-friendliness.



Spin-Blast HD-E with control box

The Spin-Blast HD-E

The Spin-Blast HD electric model is for 18-inch to 137-inch pipe diameters. The motor is controlled by a simple-to-operate control box with an on-off switch and a knob to control the RPMs of the DC motor, which controls the blast head speed. By manually controlling the blast head speed, the operator can vary the dwell time for more efficient blast cleaning. The HD-E does not require AC electric power; and does not consume expensive compressed air beyond the needs of the nozzles. the motor is capable of producing 4.5 inch pounds at 25 RPM; and has 100:1 gear ratio providing the necessary torque for large, high-production blast nozzles for large diameter pipe.



Spin-Blast HD-E electric motor

Internal Pipe Cleaning Tools

SPECIFICATIONS:

Tool	Pipe ID	Nozzle Orifice	No. of Nozzles	Air Consumption @ 100 psi	Air Requirements @ 100 psi
Hollo-Blast Jr.	3/4" - 2"	9/32"	1	80	
Hollo-Blast	2" - 12"	1/2" (standard)	1	200	
		5/8" (optional)	1	350	

Note: Air volume required to operate Spin-Blast models is greater than air normally consumed by the two nozzles; the additional air volume is needed for blast head rotation. Maintaining recommended air volume ensures proper function and maximum productivity .

Spin-Blast SB-836	8" - 12"	1/4" x 1-3/4"	2		300
	8" - 12"	5/16" x 1-3/4"			400
	8" - 12"	3/8" x 1-3/4"			600
	12" - 20"	5/16" x 3"	2		400
	20" - 36"	3/8" x 4"	2		600
Spin-Blast SB-3660	36" - 60"	1/4" long venturi	2		300
		5/16" long venturi	2		400
		3/8" long venturi	2		600

Note: Air volume for Spin-Blast HD models is volume consumed by nozzles; independent motors operate blast head. Range of cfm is for air volume consumed as nozzles wear. Replace nozzles when worn to next 1/16".

Spin-Blast HD					
Pneumatic	18" - 48"	1/4" long venturi	2	Note: add 50 cfm for air motor operation	
		5/16" long venturi	2	162 - 274	
		3/8" long venturi	2	274 - 392	
		7/16" long venturi	2	392 - 508	
		1/2" long venturi	2	508 - 676	
				676 - 1096	
Electric	18" - 137"	1/4" long venturi	2		
		5/16" long venturi	2	162 - 274	
		3/8" long venturi	2	274 - 392	
		7/16" long venturi	2	392 - 508	
		1/2" long venturi	2	508 - 676	
				676 - 1096	

ORDERING INFORMATION:

Hollo-Blast Jr.	Stock No.	Spin-Blast SB-3660 (for 36" to 60" pipe ID)	
Hollo-Blast Jr., with centering collars and reducer	01098	Spin-Blast tool less carriage & nozzles	10547
Without reducer	01099	(Order nozzles and carriage separately)	
Centering collar set	01114	Spin-Blast carriage	10560
Hollo-Blast with tungsten tip and sleeves		Spare parts kit	10894
Hollo-Blast, less carriage, with 1/2" nozzle	01076	Nozzles (2 required)	
Hollo-Blast, less carriage, with 5/8" nozzle	08446	1/4" orifice x 6" long venturi	04703
Hollo-Blast with boron tip and sleeves		5/16" orifice x 6-7/16" long venturi	04704
Hollo-Blast, less carriage, with 1/2" nozzle	21190	3/8" orifice x 7-5/16" long venturi	04705
Hollo-Blast, less carriage, with 5/8" nozzle	25725	Spin-Blast HD-P (air-motor driven)	
Hollo-Blast centering collar set (3" to 5")	01124	Spin-Blast HD-P tool (less nozzles) with carriage	25070
Hollo-Blast centering carriage (5" to 12")	01131	Spin-Blast HD-P tool (less nozzles) w/o carriage	25129
Spin-Blast SB-836 for (8" to 36" pipe ID)		Nozzle, long venturi, 3/8" orifice	23516
Spin-Blast tool less carriage,		Nozzle, long venturi, 7/16" orifice	23517
with 1/4" x 1-3/4" nozzles (2)	02601	Nozzle, long venturi, 1/2" orifice	23518
Spin-Blast carriage (8" to 17")	03641	Carriage assembly	25117
Spin-Blast carriage (12" to 36")	04971	Spare parts kit	24649
Spare parts kit	02603	Spin-Blast HD-E (electric-motor driven)	
Nozzles (2 required)		Spin-Blast HD-E tool (less nozzles) with carriage	24640
1/4" x 1-3/4" long	01408	Spin-Blast HD-E tool (less nozzles) w/o carriage	24641
5/16" x 1-3/4" long	01409	Nozzles (same as Spin-Blast HD-P)	
3/8" x 1-3/4" long	01411	Nozzle extensions (set of two)	
5/16" x 3" long	01410	6"	25118
3/8" x 4" long	01412	12"	24647
		24"	24648
		Spare parts kit	24649