Pipe interiors are awkward to access, while demanding a high degree of surface cleanliness prior to coating. Clemco’s pipe-blast tools combine total coverage of pipe interiors with precise and efficient performance. Clemco has devoted years to refining the technology of blasting and coating pipe interiors, and draws on this experience to deliver the highest-performing pipe tools available.
Internal pipe blasting

- Simple operation
- High-quality material
- Durable construction
- Long lifetime
- Minimal maintenance

The perfect tools –
For any pipe

«High standards in pipe blasting and coating call for high quality tools to do the job»

Pipes connect our world. Their applications are manifold: as transport piping in the energy sector, in the industrial sector, or as construction elements. Modern coatings protect pipes sustainably against corrosion, but exert high demands on the preparation of the substrate.

Clemco internal pipe blasting equipment quickly, effectively, and reliably removes corrosion, dust, and other residue from inaccessible areas inside piping. The operation is simple: a blast hose is fitted with a pipe tool, and the tool is withdrawn from one end of the pipe to the other.

Clemco’s proprietary blast technology applies an even, 360° blasting stream to the inner wall, leaving a consistent blast pattern ready for any coating. Selecting the proper pipe tool requires sizing the pipe accurately. Smaller inner diameter pipe, up to 304 mm, is best treated with a Holloblast or Holloblast Jr tool, which utilize a deflection tip to create the 360° blast pattern. For pipe with inner dimensions greater than 304 mm, Clemco recommends a Spinblast tool, which uses a rotating blast head to deliver a high-impact, consistent blast finish. Clemco pipe tools can be used on pipe interiors up to 1500 mm in diameter.

The rotating blast head is actuated by either a compressed air inlet or a separate air motor. When blasting larger diameter pipes, or blasting a large volume of pipe, Clemco recommends using an air motor powered pipe tool, which delivers the perfect balance between reliable precision, durability, and high-volume blasting.

System components

All internal pipe tools are sold with centering equipment, which is easily adjustable to the appropriate internal dimensions.

- Hose
- Blast material
- Compressed air
- Coupling
- Remote control
- Dispensing valve
- Blast tool
- Blast material
- Remote control
- Compressed air
- Coupling
Inner pipe coating

- Simple operation
- Automatic adjustment
- Wide surface coverage
- Perfect quality

Internal pipe coating – Precise coating application for long-term durability

«High quality coating of the inside of pipes prevents damage, downtime and expensive repair work»

The Clemco orbiter applies a wide range of coating types easily and evenly to the inner diameter of piping, following the blast process. Set at one end of the pipe and returned along its length, the Orbiter applies a consistent layer of paint thru a rotating atomizing nozzle, assuring even coating.

The Orbiter is centered automatically at the push of a button via a pneumatically-controlled centering carriage. All standard airless coatings can be used with the Orbiter. The thickness of an applied coating is determined by the coating’s viscosity, nozzle size, and the travel speed along the pipe. Please refer to information given by the coating manufacturer for further detail.

Endless coating variations

- Priming
- Lacquer
- Protective coating

System components

Orbiter I: for pipe diameters 90 - 180 mm
Orbiter III: for pipe diameters 180 - 950 mm