

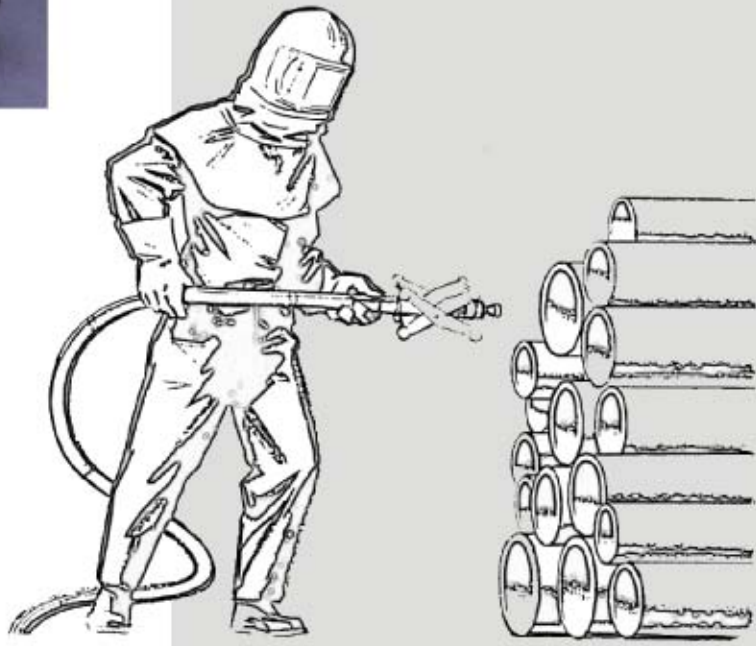
FerroECOBlast® EQUIPMENT FOR INTERNAL PIPE SHOT BLASTING

MODERN DESIGN – QUALITY WORKMANSHIP –
GREAT PERFORMANCE – RELIABLE OPERATION –
FAST SERVICE AND SPARE PARTS

In the modern world pipes of various sizes are used for transport of various energy sources such as gas, oil, etc.. Most of the pipelines are exposed to heavy corrosion, therefore they require high-quality corrosion protection as well as further high-quality maintenance. External cleaning of the pipeline poses no particular problem. For easy internal cleaning by shot blasting, a special equipment for blasting is used: HOLLO-BLAST, HOLLO-BLAST-Jr. and SPIN-BLAST, which completed with a pressure type sandblasting machine TZP forms an effective, fast and economical system for shot blasting the internal walls of pipes. This system helps to remove stubborn flakes produced during hot rolling of pipes, rust, dirt, soot, coke, color, etc.. After the process of shot blasting, the surface of the pipes is clean from dust, abrasive and dirt, ready for application of corrosion protection.



Our equipment for shot blasting is suitable for cleaning both new and existing pipe installations with 360° coverage without the need for rotating the pipe during sandblasting.



Equipment can be easily connected to the blast hose and shot blasting machine TZP type, and can be managed by a single operator. It is manually driven to the end of the pipe, then the operator turns on blasting and is pulling blast hose with appropriate speed. For more uniform and automated blasting, electric drives are available for automatic handling of the equipment during sandblasting. All standard abrasives can be used, except corundum.

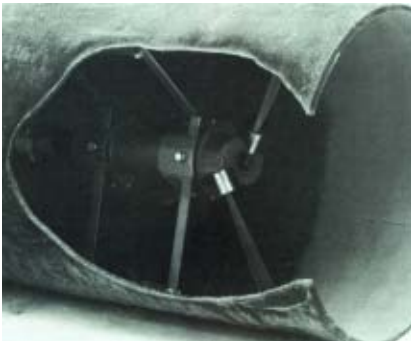
HOLLO-BLAST and SPIN-BLAST are designed for internal blasting of pipes, but differ in the system functioning and the area that they cover.



HOLLO-BLAST and HOLLO-BLAST-Jr. is the equipment for internal blasting of smaller diameter pipes, which, using different guides ensures effective blasting in diameter from 19 mm to 306 mm. Centering system with guides, which always holds the blasting nozzle in the center of the pipe, provides uniform blasting. 360 ° coverage of the pipe is made without any rotating parts so that the opposite of sandblasting nozzle is installed a special deflector, which directs the abrasive jet to the pipe wall. HOLLO-BLAST Jr. is designed for smaller diameter pipe blasting. Its construction is identical, except that the components are smaller.



SPIN-BLAST is the equipment for internal blasting of large diameter pipes from 203 mm to 915 mm. Centering guides, which hold the blasting nozzle in the center of the pipe, provide uniform blasting, and their size depends on the pipe diameter. Shot blasting rotating head features two tungsten carbide nozzles which are placed under the appropriate angle to drive the rotation of the shot blasting head. This ensures fast pipe cleaning, which can not be achieved with any other shot blasting equipment. There are five different sizes of blasting nozzles and their selection depends on the complexity of surface treatment and the available supply of compressed air.



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