

Equipment for cylinder internal cleaning

Model ICS80-A

High-quality and speedy cleaning cycle



ICS80-A

Advantages

ICS80-A model is a shot-blasting unit allowing to internally clean the cylinders by means of metallic microspheres, in a fully automatic and safe way.

The automatic cycle and the special design of the nozzle allow to get a perfect cleaning of the cylinder bottom and neck.

The recovery system of the microspheres enables to minimize consumption, reducing wastes and therefore saving money.

System automation allows to save time and resources with an evident improvement in the workshop logistics.

MAIN COMPONENTS

- > 1. Cylinder shot-blasting cabin
- > 2. Separator
- > 3. Shot-blasting unit
- > 4. Self-cleaning filter
- > 5. Microsphere recover pump

Applications

ICS80-A is designed for the internal cleaning of cylinders up to 85 cm of height and 27 cm of external diameter.

Cleaning is performed with a fully automatic cycle inside the cylinder shot-blasting cabin. The metallic microspheres assure a high quality cleaning without damaging the internal surface of the cylinders or leaving any residue.

The metallic microspheres are recovered and separated from the residual of cleaning by means of a device (cyclone) allowing to re-use the microspheres in the following cycles.

The return flow from the separator is filtered by a self-cleaning filter, while the solid residuals are collected in a container easy to be emptied.

Thanks to the ICS80-A-180 inverter (available on demand), it is possible to manually clean the cylinders with height over 85 cm and up to 180 cm.

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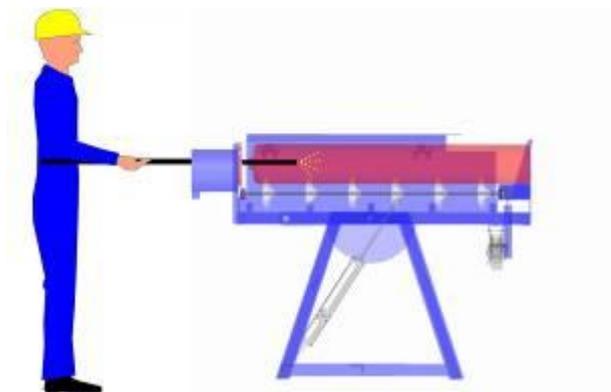
Cylinders before and after cleaning

STANDARD ACCESSORIES

- ° Shot-blasting nozzle for cylinders with M18 or 25E threads
- ° Shot-blasting pipe
- ° N° 2 bags of metallic microspheres, GS280 type
- ° Inlet filter for air supply
- ° Cartridge for separator filter
- ° User manual

ACCESSORIES ON DEMAND

- **ICS80-A-180** inverter for the manual cleaning of cylinders with capacity between 20 and 50 liters
- Special nozzle for cylinders with 17E thread
- Nozzle for special applications
- Adapter for cylinder rotation with external diameter below 85 mm
- Shot-blasting supply hoses of special lengths



ICS80-A-180 Inverter

TECHNICAL DETAILS

- ° Required electrical power supply: 400V 50Hz (different voltages on request)
- ° Total installed power: ~ 7 kW
- ° Required air supply: ~ 1500 l/min at 6-8 bar
- ° Accepted cylinder diameters: 85 mm min / 270 mm max
- ° Minimum accepted diameter with special adapter on demand: 70 mm
- ° Cylinder heights: 250 mm min; 850 mm max.

> PER MAGGIORI INFORMAZIONI:
FOR FURTHER INFORMATION CONTACT:
POUR INFORMATIONS CONTACTER:

VANZETTI EQUIPMENT S.r.l.
Via Avv. Giovanni Agnelli, 10 12033 MORETTA (CN) ITALY
Tel. +39 0172 915806
Fax +39 0172 915822

info@vanzettiequipment.com
www.vanzettiequipment.com



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