

# Equipment for cylinder internal cleaning

## ICS80-A model

High-quality and speedy cleaning cycle



### 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 reduce consumption, wastes and therefore saving money. The 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 95 cm high 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 95 cm and up to 180 cm.



## STANDARD ACCESSORIES

- ° 12 mm external diameter shot-blasting nozzle for cylinders with M18, 25E and 17E threads
- ° Shot-blasting pipe
- ° N° 1 bag of metallic microspheres, GS280 type
- ° Inlet filter for air supply
- ° Cartridge for separator filter
- ° User manual

## ACCESSORIES ON DEMAND

- Special nozzle for cylinders with 17E thread
- Nozzle for special applications
- Adapter for cylinder rotation with external diameter below 95 mm
- Shot-blasting supply hoses of special lengths

## TECHNICAL DETAILS

- ° Required electrical power supply:  
three phase 400V 50Hz (different voltages on request)
- ° Total installed power: ~ 7 kW
- ° Required air supply: ~ 1500 l/min at 6-8 bar
- ° Cylinder min / max diameter: 85 – 270 mm max
- ° Cylinder min / max height: 250 - 950 mm max
- ° Min section of the cylinder thread: 17E



> PER MAGGIORI INFORMAZIONI:  
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