



**IBIX®**  
SPECIAL CLEANING



**TRILOGY 9**

**DOUBLE OPERATING (WET/DRY) AIR-CLEANER  
FOR AN ECO-FRIENDLY CLEANING,  
MICRO-AIR-ABRASIVE, SODA BLASTING.**

**Available equipment:**

- Compressed-air pipe + inert + water (length: 3 m + 10 m extension cord) with "Quick Connect" quick-fixing.
- Double gun: H<sub>2</sub>O + HELIX® patented system
- Conical bottom tank: it improves the inert's flux and avoid different inerts contamination.
- Blend's valve with Tungsten Carbide hose-fitting (high abrasion resistance) and "Quick Connect" fixing system.

**Optional:**

- HELIX® cones kit (Ø int. mm 4-6)
- Cylindrical nozzles Box (Ø 2-4,5 mm) and Venturi (Ø 2,5-4 mm)
- Nozzle kit "Long Nozzle" in order to increase the abrasive jet intensity [ available with 3mm cylindrical diameter – 4mm Venturi]\*.

\* The "Long Nozzle" is essential for the IBIX® extractor fans' use.

**TECHNICAL FEATURES**

- Pressure adjustable from 0.2 to 7.5\* bar
- Micrometric dosing of the blasting material
- Particles can range in size from 38 µm up to 600 µm and have different specific gravity (from Natural Mineral Almandine to Sodium Bicarbonate, Calcium Carbonate, Magnesium Carbonate, glass beads and vegetal media)
- Recommended compressed air supply: 500 l/min (17.7 CFM)
- Standard nozzle: internal Ø 3 mm
- cylindrical with DRY and H<sub>2</sub>O guns; internal Ø 3
- Venturi with HELIX gun
- Other applicable nozzles: internal Ø 1.5-2-2.5-3 L.115-3.5-4-4.5 mm cylindrical and 2.5-4-4 L.115 mm Venturi with DRY and H<sub>2</sub>O guns, internal Ø. 2-3-4 mm selective and 2-4-6-8 mm Venturi with HELIX gun
- Blasting medium - air hose with protective sheath: 6 m
- Blasting medium tank capacity: 9 l
- Max height: 715 mm
- Max width: 325 mm
- Max length: 350 mm
- Weight (with empty tank): 18 Kg approx.

\* Depending on the compressor

**HELIX®**



**DOUBLE GUN  
PROVIDED**

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### IBIX® H<sub>2</sub>O SELECTIVE CLEANING SYSTEMS

Double operating wet/ dry technology that allows to vaporise the exiting water with carbonates and other minerals.

IBIX® H<sub>2</sub>O systems are provided with quick-fixing for an easier connection to the water supply network or to a water tank.

In the preservative restoration, IBIX® H<sub>2</sub>O System allows to fill any clearing need, offering high-standard performances in terms of quality and quantity results.

As well as high performances for the urban decor (graffitis, chewinggums, etc... removal).

### CLEANING SYSTEM WITH HELIX® SPINNING COIL VORTEX

A combination of Venturi effect is created by the special outbound conic shape and its spinning coil vortex movement allows to significantly reduce the compressed air demand and to increase the contact area.

The use of special wearing Tungsten-carbonate-based steels allows to design durable nozzles which can also resist to heavy abrasives.



### IBIX® ECOLOGICAL INERTS

IBIX® method is based on the environment and surfaces respect. For this reason IBIX® has developed a solo eco-friendly and low environmental impact technology.

IBIX® equipments offer a wide range of ecological inerts that guarantee the greatest eco-friendly operative efficiency.



#### IBIX® ART

Perfect for timbers sandblasting



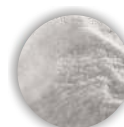
#### CARBON ART

Calcium Carbonate, selected material for stone surfaces cleaning



#### GLASS MICROSPHERES

Cleaning, metals grinding, glazing, shot peening or welding finishing



#### BAKING SODA

Efficient and uniform cleaning



#### ECOSHELL INERTS OBTAINED FROM PLANTS

Ecological cleaning and brushing without altering the surface

## REFERENCES

IMPERIAL FORUMS (I CENTURY A.D.), ROME - Cleaning of stone and travertine faces  
ST. PETER'S BASILICA, VATICAN CITY - Restoration of the Bernini Colonnade  
LOUVRE MUSEUM (XIII CENTURY A.D.), PARIS - Cleaning of sandstone  
EIFFEL TOWER (XIX CENTURY A.D.), PARIS - Cleaning of the stone pillars  
PETER'S GATE (XVIII CENTURY A.D.), SAINT PETERSBURG - Cleaning of stone  
NOTO CATHEDRAL (XVIII CENTURY A.D.) - Cleaning of limestone  
ITALIAN EMBASSY IN ISTANBUL, TURKEY - Cleaning and removal of protective coating with IBIX® Art dry and mineral method  
DOLMABAHÇE PALACE, ISTANBUL - Dry cleaning with spray water  
SAINT ANTHONY BASILICA (XIII CENTURY A.D.) - Cleaning of the colonnade, statue and bricks  
CATHEDRAL OF LUCERA (XVI CENTURY A.D.) - Cleaning of bricks and sandstone

BMW  
DAIMLER MERCEDES  
BRITISH PETROLEUM  
INSTITUT DU PÉTROLE - FRANCE  
TECHNICENTRE SNCF (FRENCH RAILWAY TRANSPORTS)  
TRENITALIA  
DAEWOO - KOREA  
HYUNDAI - KOREA  
CODELCO MINES, CHILE  
SANDBLASTING AND COATING SOCIETY FOR PETROBRAS - BRAZIL  
TURNER INDUSTRIES - BATON ROUGE, LOUISIANA (USA)  
CEA (ATOMIC ENERGY AND ALTERNATIVE ENERGIES COMMISSION) - FRANCE  
AREVA (NUCLEAR) - FRANCE  
BONDUELLE - FRANCE  
JÄGERMEISTER - GERMANY  
KELLOGG'S - UNITED KINGDOM  
NONNO NANNI (DAIRY FACTORY) - ITALY  
FOOD INDUSTRY COOP CHAIN - ITALY

and many more...

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