



**IBIX**®  
SPECIAL CLEANING

**TECHNICAL SOLUTIONS FOR  
MEDIA CLEANING, ABRASIVE BLASTING  
AND SPOT BLASTING  
IN INDUSTRIAL APPLICATIONS  
MEDIA SOFT CLEANING  
WITH NO CHEMICALS**



## REVOLUTIONARY NON ABRASIVE MEDIA CLEANING TECHNOLOGY

The **IBIX®** system is the perfect portable blasting equipment for a wide range of applications:

- Surface cleaning and surface preparation prior to coating in compliance with the International surface preparation standards
- Paint stripping and coating removal; removal of: rust, oil, grease, dust, dirt, oxidation
- Abrasive blasting inside oil tanks with small manholes
- Corrosion removal and abrasive blasting of stainless steel-galvanized structures
- Maintenance of structural steel in the copper processing plants and the mining industry

## Decontamination and cleaning in the field of industrial plant maintenance and food industry

- Removal of grease, oil residues, paints, glue and ink from machinery and tools
- Cleaning of cooling plants
- Weld inspections
- Cleaning of welds and welded areas of aluminum or stainless steel structures
- Cleaning of aluminum equipment
- Cleaning of rubber gaskets
- Removal of carbon deposits without altering the surface
- Removal of food biofilm in meat processing plants
- Removal of carbonaceous residues from equipment and installations exposed to high temperature
- Removal of fat, oil and residues from food preparation and cooking machinery
- Removal of cooked sugar residues
- Removal of stains and unwanted deposits from winemaking and brewing plants
- Cleaning of stainless steel structures and plants
- It can be used where no RESIDUES are allowed after cleaning

## Main technical features of the **IBIX®** System

The **IBIX®** portable blaster is a one-operator machine and it is handy, lightweight, and user-friendly. It always delivers a perfectly constant air and media flow and they has very low air volume requirements.

The **IBIX®** system can be easily and quickly moved into confined areas and areas difficult to access. Thus allowing quick and cost-saving maintenance jobs .

## **IBIX®** H2O WITH SODIUM BICARBONATE

The natural cleaning and sanitizing properties of baking soda combined with the power of water delivered through a controlled and easily adjustable device makes **IBIX®** the best tool to clean composite and delicate materials such as stainless steel or aluminum structures from layers of unwanted deposits hard to remove with traditional techniques.





## NANO IBIX® 3 H2O

Dual operation (wet/dry) media clearing system

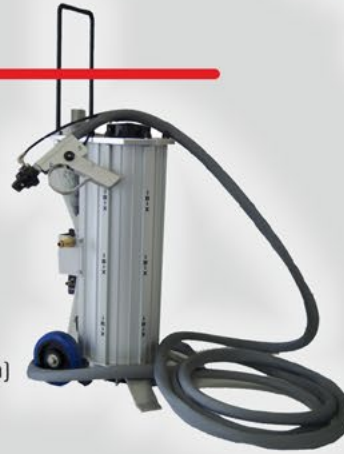
Structure:	fully made of aluminium
Operating pressure:	0.2 to 8 bars (2.9 to 116 psi)
Mesh size:	38 µm to 1200 µm
Minimum airflow rate:	300 l (10.59 CFM)
Hose length:	2.5 m (8.2 ft)
Standard Nozzle size:	3mm (0.12 in) Cylindrical
Installed machine max height:	500 mm (19.67 in)
Installed machine max width:	380 mm (14.96 in)
Packaging (box) dimensions:	405x340x530 mm (15.95x13.39x20.87 in)
Machine weight (empty tank):	10 kg (22 lb)



## IBIX® 9 H2O

Dual operation (wet/dry) media clearing system

Structure:	fully made of aluminium
Operating pressure:	0.2 to 9 bars (2.9 to 130 psi)
Mesh size:	38 µm to 1200 µm
Compressed air requirement:	500 l (17.65 CFM)
Remote control hose length:	6m (20 ft)
Standard nozzle size:	3mm (0.12 in) Cylindrical
Blasting material tank capacity:	9 l (2.4 gal)/min
Installed machine max height:	850 mm (33.46 in)
Installed machine max width:	430 mm (16.93 in)
Packaging (box) dimensions:	640x290x300 mm (25.20x11.42x11.81 in)
Machine weight (empty tank):	15 Kg (33 lb)



## IBIX® 25 H2O

Dual operation (wet/dry) media clearing system

Structure:	fully made of aluminium
Operating pressure:	0.2 to 9 bars (2.9 to 130 psi)
Mesh size:	38 µm to 1200 µm
Compressed air requirement:	1500 l (52.95 gal)/min
Remote control hose length:	10 m (30 ft)
Standard nozzle size:	5.5 mm (0.22 in) Cylindrical
Blasting material tank capacity:	24.8 l (6.6 gal)/min
Installed machine max height:	940 mm (37 in)
Installed machine max width:	450 mm (17.72 in)
Packaging (box) dimensions:	920x530x410 mm (36.22x20.87x16.14 in)
Machine weight (empty tank):	30 Kg (66 lb)



## IBIX® 40 H2O

Dual operation (wet/dry) media clearing system

Structure:	fully made of aluminium
Operating pressure:	0.2 to 8.5 bars (2.9 to 123 psi)
Mesh size:	38 µm to 1800 µm
Compressed air requirement:	5000 l (1320 gal)/min
Remote control hose length:	10 m (30 ft)
Standard nozzle size:	10 mm (30 ft) Cylindrical
Blasting material tank capacity:	40 l (10.5 gal)/min
Installed machine max height:	940 mm (37 in)
Installed machine max width:	520 mm (20.47 in)
Packaging (box) dimensions:	1050x500x490 mm (41x19.7x19.3 in)
Machine weight (empty tank):	40 Kg (87 lb)



## IBIX® ECOLOGICAL MEDIA

IBIX® approach to surface treatment is environmentally friendly.

IBIX® developed a totally eco-friendly technology with low environmental impact and the equipment can be used with a wide range of ecological media to ensure maximum operational efficiency and respect for nature.

### IBIX art

Cleaning of moulds for metal casting or extrusion of plastics

### CARBON art

Calcium carbonate based media selected for the cleaning of stone surfaces

### GLASS BEADS

Metal grinding, polishing, shot peening and finishing of welds

### VEGETABLE MEDIA

Ecological cleaning with no alteration of the surfaces.

### SODIUM BICARBONATE

Precision cleaning and decontamination





## **IBIX®: THE COMPANY**

Leader in the field of selective low pressure cleaning systems, **IBIX®** is a target-oriented small sized company, with significant investment in Technological innovation.

**IBIX®** develops, manufactures and sells eco-friendly cleaning systems for surface preparation and conservation.

**IBIX®** provides ecological cleaning systems, offers services and consulting to solve all the problems of selective cleaning. Thanks to the ongoing R&D activity **IBIX®** has become the technological leader in the field of aero-mechanical and industrial cleaning.

Our machinery blasts sodium bicarbonate and micronized water thus allowing perfect cleaning and the complete removal of unwanted substances from a wide variety of substrates, including stainless steel that is used in the food industry.

The **IBIX®** System have been developed by our technical team together with professionals from various fields of business applications.

### **List of companies using the IBIX® Media Cleaning System**

**BMW**  
**Daimler Mercedes**  
**British Petroleum**  
**Institut du Pétrole, France**  
**Technicentre SNCF (French railway company)**  
**Trenitalia (italian railway company)**  
**DAEWOO, Korea**  
**HYUNDAI, Korea**  
**CODELCO MINES, Chile**  
**Sandblasting and painting contractor for Petrobras, Brazil**  
**TURNER INDUSTRIES, Baton Rouge, Louisiana (USA)**  
**CEA (Commissioner nuclear power and alternative energy), France**  
**AREVA (nuclear plant), France**  
**Bonduelle, France**  
**Jägermeister, Germany**  
**Kelloggs', United Kingdom**  
**Nonno Nanni (Dairy), Italy**  
**Manufacturer of pasta for COOP, Italy**

and many more...

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*Member of:*

