



IBIX[®]
SPECIAL CLEANING

**TECHNICAL SOLUTIONS
FOR THE METALS TREATMENT
THE BLASTING, THE SPOT BLASTING
AND THE TREATMENT OF METAL SURFACES
WITHOUT CHEMICALS**



INNOVATIVE TECHNOLOGY FOR AIR-MECHANICAL CLEANING

IBIX® is the Portable System perfect for a wide range of applications:

SURFACE CLEANING AND PREPARATION FOR PAINTING

- Removing of: paint, coatings, rust, mill scale, oil, grease, dirt, rust, corrosion products and other foreign matter, in compliance with International Standards on Surface Preparation
- Abrasive Blasting in tanks with small access
- Removal of corrosion and abrasive blasting of structures in galvanized steel or stainless steel
- Maintenance of steel structures in mining and industry

CLEANING AND RECLAMATION IN THE FIELD OF INDUSTRIAL MAINTENANCE

- Removal of grease, oil, paint residues, glue, ink, in machinery and metal tools
- Cleaning heat exchangers
- NDT control for welding inspection
- Cleaning of welds and welded structures in aluminum for the removal of oxidation
- Cleaning of aluminum structures
- Removing carbon deposits without altering the surfaces
- Cleaning of facilities and equipment in stainless steel

PROCESSING METAL SHEETS AND CAR AND MOTORCYCLES RESTORATION

- Stripping and rust removal with ecological media, effect of glazing for the preparation of the new primer coat
- Degreasing of engine parts and underbody by the use of baking soda which guarantees optimal cleaning without residue and without damaging the mechanical parts or gears
- Cleaning of aluminum hubs or rims with glass beads at low pressure. Uniform cleaning and removal of parts of deteriorated painting
- Cleaning and removal of old coatings chrome with baking soda, safe cleaning without any abrasion
- Selective stripping on particular parts unattainable by manual interventions such as intersections of chassis with machine frame
- Internal tubular blasting

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® 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® 60 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:	60 l (15.85 gal)/min
Installed machine max height:	970 mm (38.18 in)
Installed machine max width:	520 mm (20.47 in)
Packaging (box) dimensions:	900x700x1400 mm (35.43x27.55x55.11 in)
Machine weight (empty tank):	47 Kg (103.61 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 200 mesh (extrafine)

Cleaning of moulds for metal casting or extrusion of plastics



GLASS BEADS

Metal grinding, polishing, shot peening and finishing of welds



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	TURNER INDUSTRIES - Baton Rouge, Louisiana (USA)
DAIMLER MERCEDES	CEA (Commissioner Nuclear Power and Alternative Energy) - France
BRITISH PETROLEUM	AREVA (nuclear plant) - France
INSTITUT DU PÉTROLE - France	BONDUELLE - France
TECHNICENTRE SNCF (French Railway Company)	JÄGERMEISTER - Germany
TRENITALIA (Italian Railway Company)	KELLOG's - United Kingdom
DAEWOO - Korea	NONNO NANNI (Dairy) - Italy
HYUNDAI - Korea	Manufacturer of pasta for COOP - Italy
CODELCO MINES- Chile	...and many more
Sandblasting and painting contractor for PETROBRAS - Brazil	

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