



**IBIX<sup>®</sup>**

*NORTH AMERICA*

**Revolutionary  
Surface  
Technologies  
Specifically  
Designed for the  
Marine Industry**





## Lightweight Aluminum Blasting for the Marine Industry

IBIX® units are the premier blast systems are indispensable for every professional working in the boating and ship-building industry. Perfectly suited for decontamination and cleaning, removal of grease, oil residue, paint, carbon deposits or glue, from machinery and utensils.

## Economical, Versatile and Safe for the Environment

Lightweight aluminum construction make our units a portable one-man operation. Every unit is equipped with rollers for easy portability. IBIX units are user friendly and deliver a precise, consistent even air and media flow for a smooth surface finish with very low air volume requirements. Minimal dusting improves health and safety for the operator and the environment.

**Off-Shore Maintenance** Extending the life of marine vessels and off-shore platforms. Removes contaminants and tough marine coatings from offshore platforms, jack up oil rigs, industrial, military and commercial ships, carriers, passenger ferries and tankers.

## On Board Marine Maintenance Unit

- Bilges, ballast tanks, cofferdams, and engineering spaces
- Areas typically prohibitive to abrasive blasting (near hydraulics, electronics, seal and bearings)
- Corrugated steel, non-ferrous metal surfaces, tie downs, deck perimeters and compartments
- Sump pits, rudder stocks, tiller extensions, transom and rudder fitting scuppers, bridge wings
- Storage facilities: lube oil tanks, water tanks
- Propellers and flaps
- Removal of soot contamination

## Other applications include:

- Cleaning and polishing teak floors with garnet mineral and sodium bicarbonate
- Polishing aluminum and stainless steel structures with sodium bicarbonate
- Deck winches, wing bridges, hatch covers, any other support maintenance

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**IBIX 3 H<sub>2</sub>O With Backpack**  
Perfect for working on-board for ship repairs and maintenance



*Turbo charged Valve for Dual Medial Flow. Better Flow, Faster Performance.  
Patent Pending*



*New Larger Funnel Available*

**Introducing the New Turbo Hi-Pro 60**  
High Performance Wet or Dry Blast System with High Performance Valve for Heavy Duty Work





# Application of IBIX Technology During Ship's Dry Docking

Applications	Recommended IBIX System and Abrasive	Consumption and Yield
Removal of barnacles and algae from HULLS, FLAPS, LEAD KEELS, RUDDERS	All units designed for marine applications Sample performance data for IBIX 25, at maximum compressor pressure. Abrasive: garnet 20-80 cfm needed 20 (I-9), 70 (I-25), 185 (I-40)	Average abrasive consumption: 1.5 lbs per/sq ft using I-25 unit with a 6 mil Venturi nozzle Average performance 75-100 sq ft per hour average
Removal of anti-fouling treatment without eroding the gel-coat	IBIX 9 / IBIX 25: set pressure at 115 psi	Garnet 80-120
Removal of a single anti-fouling layer using our sweep blast mode Recomendation Helix Nozzle	Garnet 200 mesh is used for smooth uniform sweep finish	Average abrasive consumption: 1 lb or less per/sq ft using I-25 unit with a 6 mil Venturi nozzle Average performance 150-200 sq ft per hour average
Removal of full thickness of coating, primer down to the gel coat	Garnet 80-120 mesh	Average abrasive consumption: 1 lb or less per/sq ft using I-25 unit with a 6mil Venturi nozzle Average performance 100-150 sq ft per hour average
Removal of osmotic inclusions	Garnet 30-60 mesh	Spot sand blasting



1 Year Manufacturers Warranty  
on All IBIX Equipment

*We are committed to  
protecting the environment  
for the next generation*



Optional Equipment Available for all IBIX Units



**HELIX**  
Rotational Gun  
Fits All Units

*Quick Click System available  
for Retrofitting Standard  
Systems with New Helix Gun*



**Extended  
Lance**

*Available for all  
units. Perfect for Overhead  
Work and Tight Spaces*



**Dust Reduction**  
Vacuum Head  
Attachment Available



**Additional Nozzle Kits**  
Available for Purchase  
with all IBIX Units



**IB-VRK220-USA  
Compressor**  
*Includes Patented Drying  
Water Separator Hydro-SEP*

## References

A partial list of boatyards, shipyards and ship-building companies that use IBIX regularly in their painting/osmosis treatment departments for on-board maintenance work.

Florida: Blue waterways Inc, Galati Yachts, Gulf Atlantic Shipping, Lighthouse Marina

Louisiana: Seabrook Marine - Texas: EMS Ship Supply, OCEANEX Services - New Jersey: EZ Dock

Around the World: Trinidad, Grand Bahama, Monaco Marine group, Orioli Shipyards, Hyundai, Daewod, Samsung, Blohm & Voss, Kverner Masa, Umoe Offshore, Aker Yards, Lisnave Shipyards, JR Shipping BV, Seatrade Reefer Chartering N.V., Greenpeace International, Koninklijke Wagenborg B.V.

## Green Abrasives



The IBIX North America business philosophy is dedicated to saving the environment for the next generation. All of our abrasive media are 100% safe and non-toxic to the operator and environment and are regulatory compliant. Our units are made to be used with or without water. Micro-abrasive blasting with water reduces dust considerably. We offer environmentally friendly abrasive materials for use with our units: Soda, Calcium, Walnut Shells, Glass Beads & Garnet.

## Cost Effective and Safe

Choosing a natural media instead of traditional chemicals creates a less toxic, less dusty environment. It's safer for the operator and the environment, while producing the best possible surface finish. Our units allow for wide variety of choices, even extremely fine 200-350 Mesh.

Authorized Supplier of



GMA GARNET GROUP  
when your abrasive matters!



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*Surface Technologies*

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