

ADVANTAGES OF IBIX® BLASTING SYSTEM

Surface preparation + IBIX® SODA BLASTING SYSTEM special cleaning

- Accelerate surface preparation and painting operations
- One man machine, light and movable
- Faster than ordinary sand blaster
- Minimize impact on surrounding thanks to spot blasting
- Remove the toughest coating and the toughest dirt without changing surface profile even on the most sensitive substrates.
- Create surface profile if necessary: 0-70+ microns
- Clean off grease and oil without using chemicals and detergents.

REFERENCES

There follows a list of boatyards, shipyards and ship-building companies that use the IBIX® regularly in their painting / osmosis treatment departments and for on-board maintenance work respectively.

MONACO MARINE GROUP - Southern France (yachts and super-yachts, osmosis treatment, dock cleaning)

ORIOLO SHIPYARDS - (Ravenna - Italy)

HYUNDAI - (Korea)

DAEWOO - (Korea)

SAMSUNG - (Korea)

BLOHM & VOSS - (Germany)

KVERNER MASA - (Finland)

UMOE OFFSHORE - (Norway)

AKER YARDS - (Norway)

LISNAVE SHIPYARDS - (Portugal)

JR SHIPPING BV - (The Netherlands)

SEATRADE REEFER CHARTERING N.V. - (Belgium)

GREENPEACE INTERNATIONAL - (The Netherlands)

KONINKLIJKE WAGENBORG B.V. - (The Netherlands)

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IBIX
NORTH AMERICA
Surface Technologies



**TOP QUALITY
AIR-ABRASION TECHNOLOGY
FOR BOATS**

IBIX® MINI-SANDBLASTER

The **IBIX®** mini-sandblaster, is made entirely of extruded aluminum. Manageable, lightweight and easy to use, the **IBIX®** is a highly useful tool for innumerable professionals working in boating and ship-building industries throughout the world. It is perfectly suitable for decontamination and cleaning, for Removal of grease, oil residues, paints, glue and link from machinery and utensils, Cleaning of cooling plants, Removal of carbon deposits without altering the surface.

IBIX® portable blaster is a one operator machine and it is handy, lightweight, and user friendly. They always deliver a perfectly constant air and media flow and they have very low air volume requirements.

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

OFF-SHORE MAINTENANCE

Extending the life of marine vessels and off-shore platforms.

ON BOARD MARINE MAINTENANCE UNIT

- Bilges, ballast tanks, cofferdams, and engineering spaces
- Areas typically prohibited to abrasive blasting (e.g. near hydraulics, electronics, seals and bearings)
- Corrugated steel, non-ferrous metal surfaces, hold-downs and tie downs, deck perimeters and small compartments
- Sump pits, Rudder Stocks, Tiller Extensions, Transom and Rudder Fittings scuppers, bridge wings and fairings
- Storage facilities: Lube oil tanks; water tanks
- Propellers and Flaps
- Removing of soot contamination



NEW SURFACE PREPARATION TECHNOLOGY FOR MARINE INDUSTRY

IBIX® BLASTING SYSTEM removes contaminants and tough marine coatings from offshore platforms, jack up oil rig, industrial, military and commercial ships, carriers, passenger ferries and tankers.

System is used to:

- Blast-clean or selectively profile cast iron, carbon and stainless steel, copper, bronze, nickel, fiberglass, zinc, aluminum and non-ferrous metal surfaces
- Spot blast ship hulls, welds during the Erection of structural steel, small surfaces, fittings
- Surface preparation of fiberglass boats and vessels. Thanks to **IBIX®** selective cleaning system and low pressure it is possible to remove multi-layered epoxy coatings from delicate fiberglass boats
- Blast in sensitive areas and areas difficult to reach such as ballast room and escape trunks.



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	IBIX® 9 / IBIX® 25; set pressure to maximum achievable with the employed compressor. Abrasive: Garnet GMI 20-40 or GMA/GMI 30-60 Mesh; 80 Mesh	Average abrasive consumption: 6 or 7 kg / m ² Yield: with IBIX® 25 P at 6/7 bar, a 6 mm Venturi nozzle and a 1000 litre (effective) compressor, an hourly yield of about 7.5 m ² -10 m ² is obtained depending on the layer of material to be removed.
Removal of anti-vegetative treatment without eroding the gel-coat.	IBIX® 9 F/IBIX® 25; set pressure to maximum achievable with the employed compressor.	GMA GARNET 80 or 120
Removal of a single anti-vegetative layer in "sand-paper" mode.	Garnet GMA 200 Mesh for a smooth uniform finish, without any roughness.	Average abrasive consumption: 5 kg / m ² Yield: with IBIX® 25 P at 6/7 bar, a 6 mm Venturi nozzle and a 1000 litre (effective) compressor, an hourly yield of about 10 m ² -15 m ² is obtained depending on the layer of material to be removed.
Removal of full thickness of coating, primer included, down to the gel-coat.	Garnet GMA 80 or 120 Mesh	Average abrasive consumption: 6 or 7 kg / m ² Yield: with IBIX® 25 P at 6/7 bar, a 6 mm Venturi nozzle and a 1000 litre (effective) compressor, an hourly yield of about 10 m ² -12 m ² is obtained depending on the layer of material to be removed.
Breaking up of osmotic bubbles	Garnet GMI/GMA 30-60 Mesh	Spot sandblasting

Other applications include:

- Cleaning and polishing teak floor with garnet mineral and Sodium Bicarbonate
- Polishing aluminum and stainless steel structures with sodium bicarbonate.
- Deck winches, wing bridges, hatch cover, any other support that needs maintenance do to its exposure and function.

