



**IBIX<sup>®</sup>**  
**NORTH**

**MARITIME**





**IBIX® with backpack**  
Perfect for working  
on-board for ship repairs  
and maintenance.



## Lightweight aluminium blasting for the marine industry

IBIX® units are the premier blast systems and 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 aluminium 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 aluminium and stainless steel structures with sodium bicarbonate.
- Deck winches, wing bridges, hatch covers, any other support maintenance.

**Pictures on**   
**Photoalbum IBIX® North**

**Videos on**   
**Facade cleaning**

## References



Greenpeace,  
Maintenance on board.



Seatrade,  
Maintenance on board.



Ship repair Friesland has 25 years experience in the field of reconstruction and repair of ships. For the removal of rust, the blasting of welds, and the full refurbishing of a ship they use the IBIX® 25.



## Air consumption

In order to achieve the desired results, it is important that the compressor has sufficient capacity. When the IBIX® commitment to spot-repair is a small compressor often enough. If you have one or more buffer tanks the use of a small compressor is also sufficient. Often, the pressure used for blasting on board between 4 and 6 bar. The air consumption per nozzle is shown below.

	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar	9 bar	10 bar
Ø 2 mm	37	74	111	147	185	222	259	295	332	369
Ø 2,5 mm	58	115	173	231	289	346	404	462	519	577
Ø 3 mm	80	170	250	330	420	500	580	660	750	830
Ø 4 mm	150	300	440	590	740	890	1030	1180	1330	1480
Ø 4,5 mm	187	374	561	748	935	1122	1309	1496	1683	1870
Ø 5 mm	230	460	690	920	1150	1380	1620	1850	2080	2310
Ø 5,5 mm	279	559	838	1117	1396	1676	1955	2234	2513	2793
Ø 6 mm	330	660	1000	1330	1660	1990	2330	2660	2990	3320
Ø 7 mm	450	900	1360	1810	2260	2710	3170	3620	4070	4520
Ø 8 mm	590	1180	1770	2360	2950	3550	4140	4730	5320	5910
Ø 9 mm	750	1500	2240	2990	3740	4490	5230	5980	6730	7480
Ø 10 mm	920	1850	2770	3690	4620	5540	6460	7390	8310	9230
Ø 11 mm	1112	2230	3350	4470	5590	6700	7820	8940	10050	11170
Ø 12 mm	1330	2660	3990	5320	6650	7980	9310	10640	11960	13290

### Optimal equipment available for all IBIX units



**Dust Reduction**  
Vacuum head attachment available.



**Extended Lance**  
Available for all units. Perfect for overhead work and tight places.



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



5 Year manufacturers warranty on all IBIX® equipment

We are committed to protecting the environment for the next generation



**IBIX® E500 electrocompressor**  
2 x 220 volt 500 l/min

## Green abrasives

The IBIX® North 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 and 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 200-35-Mesh.

## IBIX® for you

Rust removed and yet it comes back again and again? The IBIX® system is your solution to corrosion problems! Not only the removal of rust is easier to carry out, but also the fact that it stays away for at least several decades makes the difference.

Want to know if the IBIX® system is also suitable for you? We are more than happy to give you a demonstration and show you the benefits of the IBIX® system. In this demonstration you are more than welcome to try the blasting system yourself!

Ofcourse it is possible to just receive the information needed. Just contact your local distributor for more information and advice.

## Why IBIX®?

- Handy and lightweight.
- Easy to drive through a corridor.
- Significant time savings over traditional methods in rust.
- Improved quality of work in less time.
- 100% rust removal so it protects the steel for decades after good preservation.
- Also hard to reach places, seams, etc. effortlessly rust.
- With limited exercise all work.
- Maintenance-free and lightweight aluminum kettle.
- Ecological.
- Immediate stand.
- At least 5 year manufacturer's warranty.
- Low air capacity.
- Dust blasting possible exhaust / water atomization.

Please contact your distributor for advice.



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