



IBIX[®]
SPECIAL CLEANING

IBS IBIX[®] BLASTING CABINETS

New EU directives and international standards that were introduced not only in Europe but worldwide strongly restricted the use of unhealthy and dangerous chemicals that are normally used for paint stripping, surface preparation, cleaning and decontaminating prior to painting or in the industrial maintenance field.

The IBIX[®] media cleaning and abrasive blasting methods are the most effective, cheap, user-friendly, green and healthy systems available on the market for surface preparation and cleaning.

For indoor applications IBIX[®] offers a wide range of standard and customized pressure blasting cabinets that can be manually-operated or fully automatic PLC-controlled.

They can be used with any kind of media including soft media like baking soda, calcium carbonate or vegetal media in addition to the conventional media that are used in conventional blasting cabinets.

The IBIX[®] Blasting Cabinets were chosen by leading industries in Europe in the car industry, railways, energy, food and printing industries.



ONE MACHINE, TWO WORKING TOOLS

IBS is the innovative pressure blasting cabinet combined with an IBIX[®] portable blaster.

The cabinet will be used to perform blasting and cleaning jobs indoors, the IBIX[®] blaster can be easily disconnected and used separately on large installed items that cannot be moved or removed.

VERSATILE

It can be used inside workshops or for blasting outdoors when it is necessary to treat work pieces larger than the cabinet working area or at a client's premises with work pieces that cannot be removed or are hard to handle.

EASE OF OPERATION – TOTAL VISIBILITY

Dust and waste resulting from cleaning are sucked by a high power 4kW or 5.5 kW vacuum pump which guarantees ease of operation and total visibility.

POWERFUL AND EFFICIENT

The IBIX[®] pressure cabinets are recommended where high performance and productivity are required.

ENVIRONMENTALLY FRIENDLY

100% sealed enclosures do not create pollution or health hazards.

LOW OPERATING COSTS

The selective recovery of blasting media markedly cuts down costs and material consumption.

RECOMMENDED BLASTING MATERIALS

Use blasting materials recommended by IBIX[®] only and follow the guidelines on material re-use to ensure proper functioning of IBS equipment. Media re-use depends on media grain size, hardness and media contamination after blasting.

TOP QUALITY HIGHLY PROFESSIONAL ELECTRIC CABINET WITH CONTROL PANEL

In conformity with the strictest applicable EU Directives. The electric cabinet incorporates a user-friendly control panel that is used to control all cabinet main functions. The electric cabinet includes a special timer that sets the cleaning time and intervals of the automatic filter cleaning systems that are fitted in the dust filtering cabinet according to the type of blasting media used and the type of job.



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Единый адрес для всех регионов: ixb@nt-rt.ru || www.ibix.nt-rt.ru

SPECIAL IBIX® CYCLONE SYSTEM

This cyclone system enables to reclaim the media and refill the **IBIX®** unit when the **IBIX®** media tank is empty. The cyclone up/down movements and the refill system are totally pneumatically operated and remote controlled by the operator.

A sieve-type filtering device retains large residues and prevent them from falling into the **IBIX®** tank.

The **IBIX®** unit is placed inside a special metal supporting platform where the machine perfectly fits to ensure perfect alignment with the **IBIX®** refill system.



POWERFUL DUST EXTRACTION SYSTEM

Very powerful 4 kW or 5.5 kW vacuum pump ensures extremely high dust extraction capacity mainly when fine media such as fine or ultra fine garnet material, calcium carbonate or baking soda are used.



ANTISTATIC SUCTION HOSES

Special antistatic suction hoses are supplied to ensure protection against magnetic fields that are generated when aluminium oxide is used as blasting media.



EXTRA LARGE DUST FILTERING CABINET

The IBS Cabinets are fitted with an extra large dust filtering cabinet with two wide filtering surface area polyester filters with two remote-controlled timed automatic filter cleaning systems. Filter cleaning time and intervals can be set by the operator according to the blasting media grain size, hardness and type of contamination.



ROTATING WORKTABLE AND CARRIAGE

A special rotating worktable with high quality dustproof bearings and a sturdy carriage can be supplied as optional equipment. This kit makes loading operations very easy and safe, it is recommended when heavy and bulky objects are to be handled and loaded into the cabinet.

TECHNICAL FEATURES	IBS 100-350		IBS 150-350		BLASTING MATERIAL	APPLICATIONS
Load capacity [kg]	350		350		IBIX® Art	Foundry applications, extrusion, moulding and forging of metal, plastic, glass, precision matrix dies and other dies. Pickling, engraving, trimming, removal of oxidised spots or creation of surface roughness, glass etching, paint removal. Do not use this material on precision mechanical parts (dimensions might be altered).
Working dimensions [LxDxH] mm	900x800x700		1400x800x700		Glass beads	
Suction pump [m ³ /h]	310		550		Vegetal media	
Pump power [kW]	4		5,5		Sodium bicarbonate	Metal cleaning, regeneration, satin finishing. Shot-peening or finishing of welds (on stainless steel, aluminium etc.). Ecological cleaning and pickling without altering the part to treat, delicate part treatment. Precision cleaning and decontamination.
Operating pressure [bar]	0,5 – 7,5		0,5 – 7,5			
Overall dimensions of the Cabin with IBIX® System installed [LxPxH] mm	2100x2000x1700		2600x2000x1700			
Empty weight [kg]	350		400			

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