

MBX POWER BLASTER

Screen Frame Surface Treatment System

THE MBX ADVANTAGE

The MBX Metal Blaster powers specialized wire brush belts that quickly strip epoxy, mesh and ink from aluminum screen frames. The cleaned surface is perfectly textured for bonding new screen mesh.

ADVANTAGES

- Specially designed U-shaped wire bristles strike the surface in a chiseling action, removing epoxy, mesh and ink, not substrate material.
- The angled, sharpened, and hardened tips of the bristles cut a light sandblast texture on the metal surface – maximizing the adhesive strength when re-bonding new mesh.
- No heat is generated on the surface and no odor is created when removing epoxy and screen residue.
- The MBX belts clean the surface evenly – no surface contours, sharp edges or uneven texture.
- The MBX power tools are lightweight, easy to handle and provide full visibility of the working surface.
- The MBX belts are safe and durable and can be easily re-sharpened for a long performance life.

OPERATING TIPS

- Use light pressure only, do not bear down on the MBX tool
- Work with a right to left motion, cleaning the metal from edge to edge
- Keep the wire brush belt flat on the surface, do not tilt
- Reverse belt in the housing and run lightly on a grinding stone or concrete to re-sharpen
- Wear protective eyewear



MBX POWER BLASTER

Screen Frame Surface Treatment System

THE MBX TOOLS

MBX tools, available in electric or pneumatic drive units, are constructed to optimize the performance of the MBX belts and vinyl eraser. The high output rpm of the drive units are reduced to provide high torque, resulting in efficient performance and safe operation. The “in-line” design allows for increased control, flexibility and access during surface preparation tasks.



ELECTRIC DRIVE SPECIFICATIONS	
FREE SPEED:	3,200 rpm
VOLTAGE RATING:	120 v ± 10
AMPERES:	4 amps
WEIGHT:	4.0 lbs
WARRANTY:	12 months

PNEUMATIC DRIVE SPECIFICATIONS	
FREE SPEED:	3,500 rpm
REQUIRED AIR PRESSURE:	90 psi
AVERAGE AIR CONSUMPTION:	4 cfm
INTERIOR AIR HOSE SIZE:	3/8"
WEIGHT:	2.4 lbs
WARRANTY:	6 months

BELT APPLICATIONS








Specifically designed to clean aluminum screen frames, the MBX Screen Printing Belt will completely remove epoxy, ink and mesh residue. These long lasting belts will strip and resurface dozens of frames prior to re-sharpening. SAATI offers a complete line of MBX Wire Belts in carbon steel, stainless steel and copper beryllium with coarse, medium and fine finishes.



BELT SPECIFICATIONS	
WIRE:	0.5mm carbon spring steel
TIPS:	Angled, hardened and sharpened
FINISH:	Light, sandblast-like texture
SIZE:	43 mm

MBX POWER BLASTER

Screen Frame Surface Treatment System

BELTS	SPECIFICATIONS	SIZES	APPLICATIONS
	WIRE 0.7mm carbon spring steel TIPS Angled, hardened and sharpened FINISH Coarse, sandblast-like texture	43mm 23mm 11mm	Remove sealers, coatings Profile steel surfaces Roughen fiberglass, plastic & rubber
	WIRE 0.5mm carbon spring steel TIPS Angled, hardened and sharpened FINISH Fine, sandblast-like texture	43mm 23mm 11mm	Remove heavy rust, paint Remove epoxy, marine growth Profile aluminum surfaces
	WIRE 0.5mm carbon spring steel TIPS Straight and hardened FINISH Smooth or lightly textured	43mm 23mm 11mm	Remove light rust, paint Remove gasket material Clean contours, nooks & crannies
	WIRE 0.5mm surgical stainless steel TIPS Angled and hardened FINISH Fine sandblast-like texture	23mm 11mm	Removes paint, corrosion Cleans weld seams, burn & slag Effective for non-ferrous metals
	WIRE 0.5mm surgical stainless steel TIPS Straight FINISH Smooth or lightly textured	23mm 11mm	Removes paint and oxidation Removes liquid gaskets Cleans weld seams, safe on rivets
	WIRE 0.8mm spring steel TIPS Straight FINISH Clean, debris free	43mm	Removes concrete residue from metal surfaces Cleans crud and debris
	WIRE Rubber compound TIPS Toothed wheel FINISH Clean metal, fiberglass & glass w/o damage to OEM paint or substrate	25mm	Removes vinyl, decals & pinstripes Removes reflective & DOT tape Removes molding & adhesive tape

COMPANY PROFILE

SAATI is leader in the production and distribution of high precision fabrics. These include a broad range of screens for sifting applications, from flour to pharmaceuticals, with an extensive selection of fabric types and mesh openings for precise, high capacity particle separation.