



ASBESTOS

LEAD PAINT REMOVAL

ASBESTOS & LEAD PAINT REMOVAL

ASBESTOS REMOVAL

Asbestos is a set of six naturally occurring silicate minerals used commercially for their desirable physical properties. Many buildings contain asbestos, as it was used in spray-applied flame retardant, thermal system insulation, and in a variety of other materials like concrete from the middle of the 20th century. In the early 1900's researchers began to notice a large number of early deaths and lung problems in asbestos mining towns. Although the dangers of asbestos have been identified clearly from the beginning of the twentieth century, it was not until the mid 1980s and 1990s that the use of asbestos was banned in many countries. Although banned for many years in many countries, asbestos was still present in 2010 in many buildings and equipment.

Depending on how and where asbestos was applied, it may not pose any risk to the majority of the users in the building. If the fibers cannot be dislodged, they cannot be inhaled, and thus the asbestos poses no risk. However, some methods of applying asbestos, particularly flocking, allow asbestos fibers to gradually drop off into the air. When asbestos fibers can easily be made into airborne dust, the material is known as friable. For example, a popcorn ceiling is extremely friable, whereas asbestos floor tile is considered non-friable.

That's why asbestos has to be removed from the buildings and houses in order to prevent diseases caused by this product. We can find it on concrete, roof, ceiling, bricks, pipes, flooring. The only way to be sure that there is asbestos in our house is to remove a sample and have it tested by a competent laboratory. This way we know if intervention is necessary.

The best way to remove asbestos is to use the method of mechanical removal. All sources of asbestos are eliminated and it doesn't need ongoing surveillance program.

LEAD PAINT REMOVAL

Lead paint is paint containing lead, pigment that is added to paint to speed up drying, increase durability, maintain a fresh appearance, and resist moisture that causes corrosion. The introduction of lead paint for residential use in the 19th century increased childhood exposure to lead and its toxicity was discovered during the first half of the 20th century. Lead is especially damaging to children under the age of six, whose bodies are still developing. It is particularly dangerous to children because it tastes sweet, encouraging children to put lead chips and toys with lead dust in their mouths. Lead paint is also dangerous to adults and can cause reproductive problems in both men and women.

That's why lead paint is now prohibited in a lot of developed countries. However, lead paint is still present in many old houses and old buildings. We can find it on floors, ceilings, walls etc.

To prevent diseases caused by this product, lead paint has to be removed from housing. The radical method is the mechanical technique, completely removing the paint on the contaminated surface.

BLASTRAC DUST COLLECTORS

The major benefit of Blastrac surface preparation equipment is that it is **dust free whilst in operation** and connected to one of our dedicated dust collectors. Because of this it widens the possibilities and application fields where Blastrac equipment can be used; especially in areas where dust would not be tolerated or where the dust could have hazardous implications, for example, removal of asbestos / lead paint. Whichever technique is selected, using a performing dust collector specifically designed for decontamination jobs, is a key factor. Blastrac has developed a range of dust collectors with specific characteristics to work to their optimum performance, and also to enable customers to connect absolute HEPA filters, PTFE filters, PTFE antistatic filters, cartridge filters...for total safety when used on hazardous materials.

The Blastrac dust collector range is equipped with a teflon primary filter with either manual or automatic cleaning and it has an option with a secondary E-filter unit. In order to ensure a 99,99 % filtration rate, the customer must strictly respect the bagging, evacuation and storage instructions dictated by the local health and safety authorities.

For most dust collector models, Blastrac also have a LongoPack system available, this system throws all the dust particles straight into a bagging system. On the bigger dust collector models (BDC-655 & BDC-854) there are special attachments available, which makes it possible to add a bagging system to guarantee no dust or hazardous particles (for example: asbestos dust), escaping into the environment.

Blastrac has also developed cyclone systems which complement the original dust collectors (between the machine and the dust collector). They have been especially designed for jobs with a lot of dust. They have a better capture of dust and increases the lifetime of the dust collector filters. This way less down time is wasted on emptying and cleaning filters.

Blastrac dust collectors are equipped with the best possible filters we can find on the market. Thanks to these filters, employees working with our dust collectors are in a dust free environment, which protects their health and safety and complies with the health and safety laws and regulations.



TECHNICAL DATA	
Dimensions L / W / H	1.111mm / 650mm / 1.776mm
Weight	165 kg
Motor Power	5,5 kW / 400 V / 50 Hz / 16 A
Dust extraction motor	1 motor
Maximum airflow	510 m ³ /h
Cleaning	Electrical filter cleaning
Dustbin capacity	90 litres
Dust hose inlet	Ø 76mm
Filtering surface	5,2 m ²
HEPA absolute filter	H14: MPPS
Primary filter	M-class filter
Noise level	<75 dB(A)
Protection class (IP)	55



OPTIONS & ACCESSORIES

DESCRIPTION	ARTICLE CODE
LongoPack bagging system	BLS-3160
Star filter class M	K3160M
Absolute filter (H14, 9,995% MPPS, 28.000 cm ²)	K3160H
10m suction hose Ø 76mm	005014
10m suction hose Ø 50mm	004583
Chromed hand grip 50mm	CF722122
Mobile nozzle 400mm width	CF722029
Hose fitting D-70	CF721001
Reducers 70/50	CF722001



MAIN ASSETS

- Tangential inlet for improved cyclonic effect on fine dust.
- Quick release- and attach-system for dust bin.
- For safe, dust free and perfectly clean jobsites.
- Able to adapt our LongoPack system.
- The lifetime of the dust collector filters are extended when connected to a cyclonic pre-separator.
- Heavy duty equipment, designed for continuous use.

CYCLONIC PRE-SEPARATOR

LARGE SIZE PRE-SEPARATOR

The cyclonic pre-separator can be used between one of our machine and the BDC-3160H dust collector.

TECHNICAL DATA

Dimensions L / W / H	1338mm / 670mm / 1900-2278mm
Weight	107 kg
Dust bag capacity	25 kg
Dust hose inlet	Ø 100mm



MAIN ASSETS

- Adjustable height.
- Equipped with a LongoPack system.
- Able to connect to several machines.
- Automatic bagging system for increased safety for users.
- Triple the filters lifetime.
- Air inlet with cyclonic effect.
- Increase the suction performance.
- Designed for jobsites with a lot of dust.
- Time saving bagging system.
- Mounted on trolley allowing an easy use.

LONGOPACK SYSTEM

MAIN ASSETS

- User friendly and comfortable to use.
- Time saving.
- Closed circuit (dust free) and therefore environmentally friendly, protecting the health and safety of employees.
- Able to connect with most Blastrac dust collectors.

ARTICLE CODE FUNCTIONS OF THE DUST COLLECTOR

DUST COLLECTOR	ARTICLE CODE
BDC-3155HSE	BLS-102
BDC-138H	BLS-138
BDC-3160H	BLS-3160
BDC-3150	BLS-3160



CLASS-H DUST COLLECTOR

BDC-138H

TECHNICAL DATA

Dimensions L / W / H	660mm / 690mm / 1.450mm
Weight	62 kg
Motor Power	3 kW / 230 V / 50 Hz & 60 Hz / 16 A
Dust extraction motor	3 motors
Maximum airflow	490 m ³ /h
Cleaning	Manual shaker on lateral part
Dustbin capacity	90 litres
Dust hose inlet	Ø 51mm / Ø 76mm
Filtering surface	3,5 m ²
HEPA absolute filter	H14: MPPS
Primary filter	M-class filter
Noise level	<72 dB(A)
Protection class (IP)	43



OPTIONS & ACCESSORIES

DESCRIPTION	ARTICLE CODE
LongoPack	BLS-138
Absolute filter (H14, 99,995% MPPS, 28.000 cm ²)	K138H
Star filter class M (19.500 cm ²)	K138M
10m suction hose Ø 50 mm	004583
10m suction hose Ø 76 mm	005014
Chromed hand grip 50mm	CF722122
Mobile nozzle 400mm width	CF722029
Hose fitting D-70	CF721001
Reducers 70/50	CF722001



MAIN ASSETS

- Able to adapt our LongoPack system.
- For safe, dust free and perfectly clean jobsites.
- The lifetime of the dust collector filters are extended when connected to a cyclonic pre-separator.
- Time saving bagging system.

The small size cyclonic pre-separator can be used between one of our machines and the BDC-138H dust collector.

TECHNICAL DATA	
Dimensions L / W / H	762mm / 597mm / 1180-1580mm
Weight	49 kg
Dust bag capacity	25 kg
Dust hose inlet	Ø 76mm

MAIN ASSETS

- Easy to transport.
- Designed for jobsites with a lot of dust.
- Increase the suction performance and the filter's lifetime.
- Equipped with a LongoPack system.
- Adjustable height.
- Automatic bagging system for an increased safety for users.
- Time saving bagging system.
- Mounted on trolley allowing easy use.



LONGOPACK SYSTEM

MAIN ASSETS

- User friendly and comfortable to use.
- Time saving.
- Closed circuit (dust free) and therefore environmentally friendly, protecting the health and safety of employees.
- Able to connect with most of Blastrac dust collectors.



ADJUSTABLE INDUSTRIAL DUST COLLECTOR ONLY ON REQUEST

BDC-15KW

TECHNICAL DATA

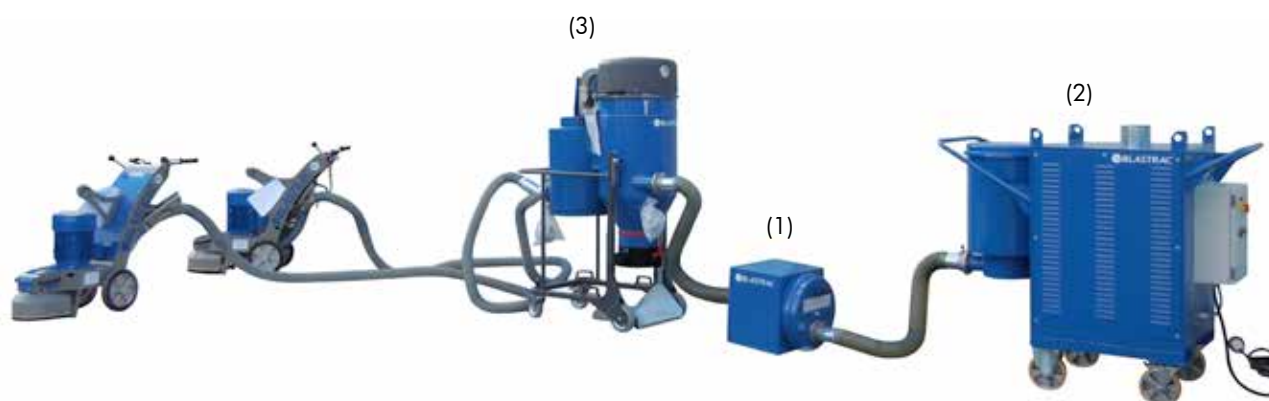
Dimensions L / W / H	Unit	Suction (2)	1.638mm / 800mm / 1.447mm
		Filtering (3)	1.255mm / 715mm / 1.532-1.992mm
	Outlet absolute filter (1)	671,5mm / 500mm / 500mm	
Weight	Unit	Suction (2)	368 kg
		Filtering (3)	148 kg
	Outlet absolute filter (1)	36 kg	
Motor Power	15 kW / 400 V / 50 Hz / 31,2 A		
Dust extraction motor	1 motor		
Maximum airflow	1.150 m ³ /h		
Cleaning	Electrical pulse cleaning		
Dust hose inlet	Ø51mm / Ø76mm / Ø100mm		
Absolute filter	Filtering Surface (m ²)	Filtering unit	10,5
		Outlet box	
	Performance MPPS EN 1822 (with particles of 0,18 m)	99,995%	
	Filtration class – EN 1822	H14	
Primary filter (according to EN 600335-2-69)	M-class filter		
Noise level	80 dB(A)		
Protection class (IP)	55		

OPTIONS & ACCESSORIES

DESCRIPTION

ARTICLE CODE

PTFE filter Ø 560mm	K3160M
Absolute filter	K15H
30m suction hose Ø 100 mm	E06854
10m suction hose Ø 75 mml	005014
10m suction hose Ø 50 mm	004583
Reducer 100/70	CF722125
Junction + reduction 100/50/50	CF722128
Chromed hand grip 50mm	CF722122
Mobile nozzle 400mm width	CF722029
Hose fitting D-70	CF721001
Reducers 70/50	CF722001
Valve for 2 dust hoses	E06854-VALVE



MAIN ASSETS

- The engine is outside the contaminated zone.
- Easy to maintain, double absolute filtration.
- Heavy duty material, able to connect several machines (e.g. 2 x BG-250s).
- If connected to a cyclonic pre-separator, increases the suction performance and the filters lifetime.
- Closed circuit (dust free) and therefore environmentally friendly, protecting the health and safety of employees.
- Industrial dust collector can be installed on the ground floor while two BG-250s are working on the 15th floor.



INDUSTRIAL DUST COLLECTOR

BDC-3907/18H

Especially designed for decontamination in floors: can use up to 120m of suction hose Ø100mm, can be used with a pre-separator and connected with several machines (e.g. : 2 x BG-250s).

TECHNICAL DATA

Dimensions L / W / H	1.650mm / 830mm / 1.800 mm
Weight	360 kg
Motor Power	13 kW / 400 V / 50 Hz / 16 A
Dust extraction motor	1 motor
Maximum airflow	18.600 L/min
Cleaning	Electrical pulse cleaning
Dustbin capacity	175 litres
Dust hose inlet	Ø 76mm / Ø 100mm
Filtering surface	45 000 cm ²
HEPA absolute filter	H14: MPPS
Primary filter	PTFE star filter
Noise level	78 dB(A)
Protection class (IP)	55



OPTIONS & ACCESSORIES

PTFE FILTER	ARTICLE CODE
Absolute filter	CF817246
30m suction hose Ø 100mm	CF817264
10m suction hose Ø 75mm	E06854
10m suction hose Ø 50mm	005014
Reducer 100/70	004583
Chromed hand grip 50mm	CF722125
Mobile nozzle 400mm width	CF722122
Hose fitting D-70	CF722029
Reducer 70/50	CF721001
Adaptation LongoPack	CF722001
LongoPack	
LongoPack	BLS-102

MAIN ASSETS

- Tangential inlet for improved cyclonic effect on fine dust.
- Can be used indoors and outdoors.
- Dust collector can run with 100 meters length of suction hose.
- Dust collector can remain on the ground floor while suction hose is fed into the building.
- Ideal for asbestos and other contaminated material removal due to its Hepa absolute filter.
- For safe, dust free and perfectly clean jobsites.

TECHNICAL DATA	
Dimensions L / W / H	1.650mm / 830mm / 1.800mm
Weight	310 kg
Motor Power	7,5 kW / 400 V / 50 Hz / 16 A
Dust extraction motor	1 motor
Maximum airflow	13.500 L/min
Cleaning	Electrical pulse cleaning
Dustbin capacity	175 litres
Dust hose inlet	Ø 76mm / Ø 100mm
Filtering surface	45 000 cm ²
HEPA absolute filter	H14: MPPS
Primary filter	PTFE star filter
Noise level	78 dB(A)
Protection class (IP)	55



OPTIONS & ACCESSORIES

DESCRIPTION	ARTICLE CODE
PTFE filter	CF817246
Absolute filter	CF817264
30m suction hose Ø 100mm	E06854
10m suction hose Ø 75mm	005014
10m suction hose Ø 50mm	004583
Reducer 100/70	CF722125
Chromed hand grip 50mm	CF722122
Mobile nozzle 400mm width	CF722029
Hose fitting D-70	CF721001
Reducer 70/50	CF722001
Adaptation LongoPack	
LongoPack	BLS-102

MAIN ASSETS

- Tangential inlet for improved cyclonic effect on fine dust.
- Can be used indoors and outdoors.
- Dust collector can run with 100 meters length suction hose.
- Dust collector can remain on the ground floor while suction hose is fed into buildings.
- Ideal for asbestos and other contaminated material removal due to its Hepa absolute filter.
- For safe, dust free and perfectly clean jobsites.

DUST COLLECTOR

BDC-955

TECHNICAL DATA

Dimensions W / L / H	820mm / 1.980mm / 1.480mm
Weight	552 kg
Motor Power	5,5 kW / 400 V / 50 Hz & 60 Hz / 63 A
Dust extraction motor	2 powerful motors
Cleaning	Automatic pulse cleaning system
Dust bag capacity	100 liters
Dust hose inlet	Ø 127mm / Ø 150mm
Filtering surface	36 900 cm ² (9 x E10218)
Filtration	9 high quality cartridge filters

OPTIONS & ACCESSOIRES

DESCRIPTION	ARTICLE CODE
15m suction hose Ø 127mm	492019
20m suction hose Ø 150mm	001112
Cartridge filter	E10218
Big Bag	E06311
Dust bin complete	E07246
More tools	On request



MAIN ASSETS

- Big bag system, easy and quick to replace. Continuously working even while changing the Big Bag.
- Easy to replace filters.
- Sound damping air outlet with integrated air flow control.
- Automatic drain on water separator with space for bucket to capture water.
- Fan and compressor can be switched on and off separately, this enables more effective cleaning of the filters, without having to run the fan unit.
- Central lifting point, for easy transportation.

BLASTRAC SCARIFIERS

BLASTRAC scarifiers are well known for their strong fabrication and heavy-duty performance.

All our scarifiers are manufactured to the highest standard of quality and are renowned for being easy to operate and maintain. Every model is supplied with a dust collection facility, so that it can be easily connected to a dust collector for a dust free operating process. This is an important feature which allows operation in sensitive areas where dust would not be permitted and the operator to work continuously.

Blastrac scarifiers are available in a range of sizes; from hydraulically driven ride on units, to electric powered single or three phase machines, together with a similar range powered with petrol engines to give more freedom for outdoor jobs.

The main benefits of the Blastrac scarifiers are:

- Compact and easy to manoeuvre.
- Deep and precise milling of concrete, resin, paint, asphalt, etc...
- Almost dust free if connected to the appropriate Blastrac dust collector.
- User friendly design, comfortable to use with low vibrations.
- Several optional cutting tools for each different application.

WORKING PRINCIPLE

Blastrac scarifiers are the perfect equipment for removing resilient or flexible flooring material, where mechanical abrasion is required.

The principle of operation is simple but effective and utilises a rotating drum onto which a variety of different cutters are loosely fitted onto lateral shafts.

The cutters are separated by spacers; by selecting the ideal format of spacers and cutters, you achieve an even cutting action. The rotating drum generates centrifugal force which 'throws' the cutter at the surface to be treated, causing a mechanical cutting action, which removes the coating, screed, etc.

Blastrac offers several optional cutting tools for each different scarifying machine and application.

The cutters are available in many types ranging from multi-pointed flails made from steel with tungsten tips, to solid tungsten milling cutters which are particularly effective on thicker flexible surfaces. By selecting the correct type of cutter, a wide range of applications can be carried out with guaranteed success. Blastrac scarifying tools are made from the best quality materials to guarantee optimum life and performances.



SAWING MACHINE

BMC-335EHY

Heavy duty sawing scarifier and planer ideally suited for large applications.

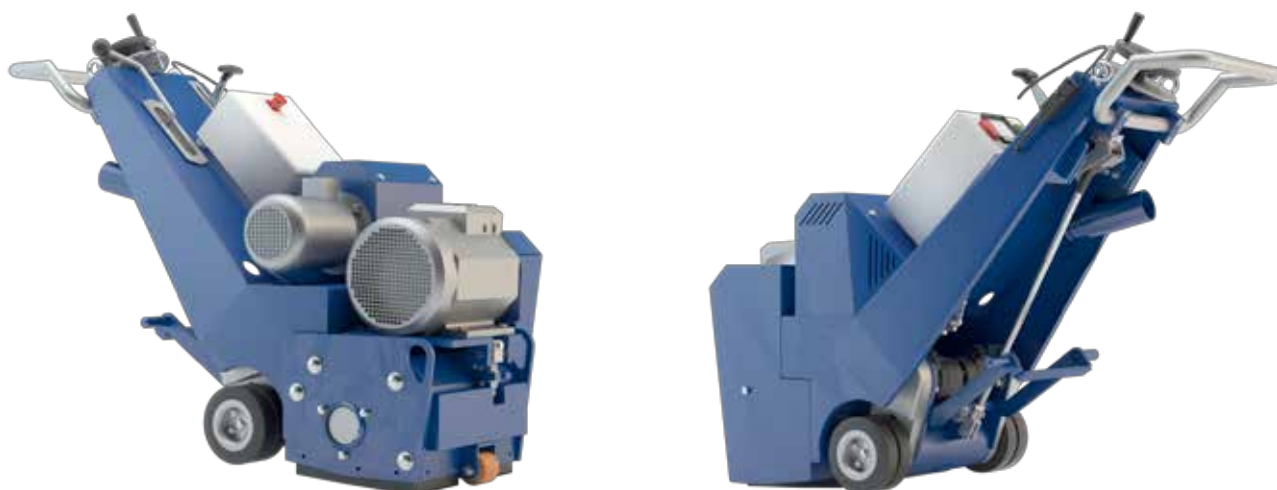
Applications: can remove thick mortar layers, clean soft / semi-soft flooring materials, scarifying / sawing of flooring material, concrete grooving...

TECHNICAL DATA

Dimensions L / W / H	1.400mm / 605mm / 1.075mm
Weight	405 kg
Working width	335 mm
Scarifying capacity	Up to 80m ² /h on concrete
Motor power	12,1 kW / 400 V / 50 Hz / 32 A
Translation motor power	1,5 kW

OPTIONS & ACCESSORIES

DESCRIPTION	ARTICLE CODE
Blades 250mm Green 30/40	E06320
Blades 250mm Blue 30/40	E06321
Spacer ring	E06079
Set of 80 blades	



MAIN ASSETS

- Possibility to remove 3mm of concrete at a time (depending on type of concrete), saving a lot of time.
- Because this machine does not hit the floor, it is a perfect way to remove hard top layers from soft floors.
- Sawing pattern is very fine, because of the many blades on one drum.
- Drive system equipped with a pedal. Machine can drive on power without a working drum.
- Reduces the use of expensive diamond tools.
- Complete sealed drum housing for reducing substance.
- By using more spacers and fewer blades the sawing pattern can be changed.
- Combination machine, which is easy to change from sawing machine into scarifying machine.
- Comfortable to use, easy to move, low vibrations.

Heavy duty scarifier and planer ideally suited for large applications.

Applications: can remove thick mortar layers, clean soft / semi-soft flooring materials, scarifying of flooring material, concrete grooving...

TECHNICAL DATA	
Dimensions L / W / H	1.400mm / 605mm / 1.075mm
Weight	405 kg
Working width	335 mm
Scarifying capacity	Up to 175 m ² /h on concrete
Motor power	12,1 kW / 400 V / 50 Hz / 32 A
Translation motor power	1,5 kW

OPTIONS & ACCESSORIES	
DESCRIPTION	ARTICLE CODE
Drum complete with original cutters	MPD335-522L24S
Cutters (69 / drum complete)	MPL24 (8 pt.)
Drum complete with MPL120 cutters (69)	MPD335-522L120S
Drum complete with MPL120 cutters (105)	MPD335-522L120S
Cutters (69 / drum complete)	MPL120 (12 pt.)
Axle (5 / drum complete with original cutters) Ø22mm	MPA335-22
Drum complete with full TC milling cutters	MPD335-620L60S
Milling cutters (48 / drum complete)	MPL60
Axle (6 / drum complete with milling cutters) Ø 20 mm	MPA335-20



MAIN ASSETS

- Heavy weight for increased scarifying performances.
- Drive system equipped with a pedal. Machine can drive on power without a working drum.
- When motor is on, machine is moving forward automatically, no need to push it.
- Adjustable braking device, lateral drum loading.
- Micrometric and memorized adjustment of the working depth: no underground deterioration.
- Variable speed, forward & backward motion.
- User friendly design, comfortable to use with low vibrations, easy to manoeuvre.

SCARIFYING MACHINE

BMP-265E/B

Heavy weight for increased scarifying performances.

TECHNICAL DATA

Dimensions L / W / H	1.260mm / 500mm / 1.160mm
Weight	175 kg
Working width	265 mm
Scarifying capacity	Up to 120 m ² /h on concrete
Motor power	5,5 kW / 400 V / 50 Hz / 16 A

OPTIONS & ACCESSORIES

DESCRIPTION	ARTICLE CODE
Drum complete with original cutters	MPD265S272S
Cutters (120 / drum complete)	MPL272
Axle (6 / drum complete) 16mm	MPA265-16
Drum complete with full TC milling cutters	MPD265SL60S
Milling cutters (36 / drum complete)	MPL60-1



MAIN ASSETS

- Heavy weight for increased scarifying performances
- New braking system with handle. During scarifying, the machine slows down itself. Brake force is easily changed with handle on steer.
- Extra heavy drum, for more down force.
- Adjustable braking device, lateral drum loading.
- Micrometric and memorized adjustment of the working depth: no underground deterioration and more precision.
- User friendly design, comfortable to use with low vibrations, easy to manoeuvre.

BLASTRAC SCARIFYING MACHINES



BLASTRAC GRINDING MACHINES

BLASTRAC single disc or triple headed planetary grinding machines have an excellent reputation for carrying out the best work in industrial and decorative flooring markets.

Our grinders are available in many sizes, electrical versions 110V, 220V or 400V or as multiple-headed assemblies; they can work any time, anywhere.

All our grinders are dust free, if connected to the appropriate BLASTRAC dust collector.

Our total range of grinders can fit almost every application, for example:

- Grinding / polishing / floor leveling.
- Removal of old paints / coatings / glues / asbestos...
- Polishing of concrete, natural stones, resins, terrazzo, asphalt, etc.

WORKING PRINCIPLE

The hardness of the materials used to construct walls and floors can vary considerably in hardness. Concrete in particular can be extremely hard or very soft. When you want to do diamond grinding or cutting, it is essential to select the correct grade of bond, which holds the diamond particles in suspension and forms the cutting segment.

A simple rule is that a hard surface needs a soft bond segment and a soft surface requires a hard bond segment to optimize the life of the diamond disc. Choosing the correct hardness of the bond is also essential to provide an efficient cutting action, as the surface of the segment must wear away to expose fresh diamonds. If the wrong grade of bond is used the segment could either not wear at all and simply glaze over, thus prohibiting the cutting action, or wear too fast, allowing the diamond particles to fall out before they have worn away.

High quality diamond products are manufactured using 100% synthetic diamond particles, because these are regular and consistent in size and crystal shape, it vastly improves the cutting ability and life span. Lower quality diamond products normally use natural diamonds, where the grain size and shape are inconsistent, which obviously affects the performance and life span.

Blastrac diamond products are made from the finest materials to guarantee optimum life and performances.

A wide range of different surface finishes can be achieved by diamond grinding, using varying sizes of diamond particles, from 30/40 grit (course), 60/80 grit (medium) to 120/150 grit (fine). A segment containing a 120/150 grit synthetic diamond particle can achieve a very fine surface with decorative qualities.

Using a segment with a 30/40 grit synthetic diamond can leave a smooth and flat surface with fine circular score marks, which are a perfect anchor or key for a thin coating, to guarantee a long life without debonding.

BLASTRAC has designed a new and revolutionary quick release system, especially for our triple headed grinders. The DIAMAG® quick release system is designed to replace or remove diamond tools or resin dots from the adapter plates without using any tools, for example hammers, screws, etc. Because of the especially designed heat resistant magnets and fixation pins, the diamond tools are fixed onto the plate, but can still be very easily removed or replaced by hand.

Blastrac diamond products are available for many different applications and a wide range of machines.

Blastrac's grinding machines are available in working widths from 125 mm to 780 mm to cover any size of project and required output.

All our grinders are dust free, when connected to a specific Blastrac professional dust collector.

Heavy duty handheld grinder, which is ideal for the surface preparation needs of professional contractors.

Applications: ideal for edges and corners, ideally suited for surface preparation before coating, grinding, removing or etching of coatings, paint, adhesives, surface levelling...

TECHNICAL DATA	
Dimensions L / W / H	495mm / 185mm / 325mm
Weight	5,4 kg
Working width	Ø 180mm
Working speed	6.600 rpm
Motor power	2,6 kW / 230 V / 50 Hz & 60 Hz / 16 A

OPTIONS / ACCESSORIES	
DESCRIPTION	ARTICLE CODE
Ø 180mm black grinding cup wheel – double row	BG707110
Ø 180mm diamond cup wheel Blue & Green	BG707107BL / BG707108GR
Ø 180mm diamond cup wheel Red	BG707106RD
PCD Ø 180mm cup wheel	BG707195
Universal Open/Closed shroud Ø 180mm	E06848
Optional: Blackstar grinding discs, designed for very hard floors and for the removal of soft, flexible materials such as glues.	



MAIN ASSETS

- To be used with standard cup wheel Ø 180 mm.
- Double insulated aluminum motor housing.
- Flexible anti vibration handle, thus very comfortable for the operator to use all day long.
- Dual air inlet on top and on bottom for improved motor cooling and dust extraction.
- Grinding head is protected by a plastic shroud with several side holes, for an optimized air / dust flow.

GRINDING MACHINE

BG-180EC

Specifically designed for edge and corner grinding and polishing applications.

Applications: surface preparation before coating, concrete grinding and polishing, cleaning and removal coatings, paint, thin glues...

TECHNICAL DATA

Dimensions L / W / H	1.300mm / 430mm / 1.000mm
Weight	58 kg
Working width	Ø 180mm
Working speed	2.200 rpm
Motor power	2,2 kW / 230 V / 50 Hz / 16 A

OPTIONS & ACCESSORIES

DESCRIPTION	ARTICLE CODE
Ø 180mm black grinding cup wheel – double row	BG707110
Ø 180mm diamond cup wheel Blue & Green	BG707107BL / BG707108GR
Ø 180mm diamond cup wheel Red	BG707106RD
PCD Ø 180mm cup wheel	BG707195
Optional: Blackstar grinding discs, designed for very hard floors and for the removal of soft, flexible materials such as glues.	



MAIN ASSETS

- To be used with standard cup wheel Ø 180 mm.
- The grinding arm is vertically adjustable and can be switched to the left or right.
- Easy to transport, ready to work.
- Ideal machine for a perfect and fast finish of small to medium jobsites.
- Ergonomic design and user friendly control panel.
- Single-head grinding machine for processing work area edges and corners.

The Blastrac BG-250E is a single-disc concrete grinder designed for heavy duty surface preparation applications. The BG-250E is very easy and comfortable to use with low vibrations. The BG-250E single disc grinder is dust free when connected to the appropriate Blastrac dust collection system. Applications: small to medium floors such as surface leveling, preparation before coating, removal of coating defects, adhesives or paint, and much more...

TECHNICAL DATA

Dimensions L / W / H	1.301mm / 458mm / 1.106mm
Weight	146 kg / 55 kg disc pressure
Working width	Ø 250 mm
Working speed	2.000 rpm
Motor power	5,5 kW / 400 V / 50 Hz / 16 A

OPTIONS & ACCESSORIES

DESCRIPTION	ARTICLE CODE
Ø 250mm Blackstar grinding disc	BG707114
PCD adapter wings Ø 250mm	BG707025
2x1/4 PCD grinding wing (set of 9)	BG200999/SET
PCD Ø 250mm grinding disc	BG707250
Ø 250mm grinding discs (Red, Green, Blue)	BG707116, BG707117, BG707118



MAIN ASSETS

- Heavy duty single-disc grinding machine Ø 250 mm.
- Closed circuit which is almost dust free, when connected to an appropriate Blastrac dust collector.
- Special drive system for optimum load distribution.
- User friendly and comfortable to use with low vibration.
- Very easy to transport, due to the lifting handles and lifting eye.
- Several grinding discs available (optional) to suit applications.
- Asymmetric dust exhaust with built-in deflector for improved / optimized dust extraction.
- Strong and powerful buffer system for heavy duty work.

GRINDING MACHINE

BGS-250

The BGS-250 is very easy and comfortable to use with low vibrations especially designed for small to medium horizontal surface preparation applications.

Applications: small to medium floors, surface levelling, preparation before coating, and removal of coating defects or adhesives, paint...

TECHNICAL DATA

Dimensions L / W / H	1.180mm / 520mm / 1.120mm
Weight	70 kg
Working width	Ø 250 mm
Working speed	1.440 rpm
Motor power	2,2 kW / 230 V / 50 Hz / 16 A

OPTIONS & ACCESSORIES

DESCRIPTION	ARTICLE CODE
Ø 250mm Blackstar grinding disc	BG707114
PCD adapter wings Ø 250mm	BG707025
2x1/4 PCD grinding wing (set of 9)	BG200999/SET
PCD Ø 250mm grinding disc	BG707250
Ø 250mm grinding discs (Red, Green, Blue)	BG707116, BG707117, BG707118



MAIN ASSETS

- Single-head grinding machine Ø 250 mm.
- Can grind right up to the edge.
- Adjustable grinding depth, no risk of underground deterioration.
- Closed circuit which is almost dust free, when connected to an appropriate Blastrac dust collector.
- Compact and light: easy to transport and carry upstairs.

Applications: surface preparation before coating, concrete grinding and polishing, cleaning and removal coatings, paint, thin glues and much more...

TECHNICAL DATA	
Dimensions L / W / H	1.990mm / 580mm / 1.140mm
Weight	285 kg
Working width	Ø 580 mm
Working speed	350 - 1.100 rpm
Motor power	7,5 kW / 400 V / 50 Hz / 16 A

OPTIONS & ACCESSORIES	
DESCRIPTION	ARTICLE CODE
DIAMAG 185 adapter plate	E07185
Black grinding wing (Set of 9)	BG707341-1
Grinding wings (Set of 9)	From BG707303 to BG707321
Plate for wings Ø 185mm (3 per machine)	BG200994
2x1/4 PCD grinding wings (Set of 9)	BG200999/SET



MAIN ASSETS

- Convenient for dry and wet applications, indoor, outdoor.
- 3 planetary rotating discs Ø185 mm.
- LCD screen for all required information, such as amperage and rotating speed of the diamond tools.
- Closed circuit which is almost dust free, when connected to an appropriate Blastrac dust collector.
- Floating shroud with brush for every application.
- No risk of underground deterioration.
- User friendly and comfortable to use with low vibration.

GRINDING MACHINE

BMG-780RS

The BMG-780RS is a remote control machine which makes the machine very effective and ergonomic to operate. Applications: for large applications such as surface preparation before coating, concrete grinding and polishing, cleaning and removal coatings, paint, thin glues and much more...

TECHNICAL DATA

Dimensions L / W / H	2.110mm / 780mm / 1.250mm
Weight	565 kg
Working width	Ø 780 mm
Working speed	400 - 1.200 rpm
Motor power	15 kW / 400 V / 50 Hz / 63 A

OPTIONS & ACCESSORIES

DESCRIPTION	ARTICLE CODE
DIAMAG 240 adapter plate (6 per machine)	E07240
Black grinding wing (Set of 9)	BG707341-1
Grinding wings (Set of 9)	From BG707303 to BG707321
1x1/1 PCD grinding wings (Set of 9)	BG200995/SET
Ailettes de ponçage 1x1/1 PCD (Jeu de 9)	BG707116, BG707117, BG707118



MAIN ASSETS

- Convenient for dry and wet applications, indoor, outdoor.
- 3 planetary rotating discs Ø 240mm.
- Remote controlled which makes the machine very effective and ergonomic to operate.
- LCD screen for all required information, such as amperage and rotating speed of the diamond tools.
- Able to check the floor and change dust bag during grinding.
- Closed circuit which is almost dust free, when connected to an appropriate Blastrac dust collector.
- User friendly and comfortable to use with low vibration.

BLASTRAC GRINDING MACHINES



BLASTRAC STRIPPING MACHINES

Blastrac strippers are the best sellers, particularly for specialists of renovation jobs. Very efficient, easy to manoeuvre, silent, they are able to remove most floor coatings in industrial, commercial or private buildings.

Biggest benefits from the Blastrac strippers are:

- Environmentally friendly / no emission / very low noise level which allows work to continue with other trades, and personnel in the vicinity.
- Efficient on linoleum, carpet, vinyl, ceramic tiles, resins and bituminised coatings.
- Easy to handle / compact to pass through standard doors and into lifts: ideal for renovation jobs, on upper floors and limited access areas.
- Simple to use and nearly maintenance free.

BLASTRAC offers a complete stripper programme for the removal of bonded & soft floor coverings. From the small but powerful walk behind stripper with a width of 305 mm to the heavy duty ride-on unit with a width of up to 690 mm, there is a Blastrac floor stripper to match every requirements.

WORKING PRINCIPLE

For the machine to operate effectively, the correct stripper and blade needs to be selected. We offer a large range of blades for almost all types of floor covering and applications and in addition, there are different kinds of wear parts available.

Before stripping it is advantageous to cut the floor covering into strips to the width of the knife and then make one cut crosswise to the working direction so that eventually stripping can be driven against the first cut.

After removal of the floor covering, Blastrac shot blasters, scarifiers and grinders machines can be used for levelling the surface and removal of coatings.



No electrical cords needed with this battery operated product.

Applications: large range of tools to remove hardwood parquet / ceramics / linoleum / vinyl / carpet / adhesives / glue / tiles / etc...

TECHNICAL DATA	
Dimensions L / W / H	1.345mm / 620mm / 1.120mm
Weight	950 kg
Working width	152mm - 690mm (depending on the type of blade)
Speed	Up to 37 m/min
Battery power	12,8 V gel cell battery / Running time up to 10 hours



MAIN ASSETS

- Very compact, goes through standard doors & elevators.
- Complete hydraulic control (forward and backward).
- Fast return on investment: maintenance-free hydraulic components, no belt and gear.
- No electric cable. No limitation of movement by cables / extension leads.
- Zero turn radius, ergonomic design for safe and easy manoeuvring, non-marking high speed tyres.
- Minimum average life on batteries is 1,5 years.
- Powered by a high-duty battery, running time up to 10 hours. Charging up to 6 hours.

STRIPPING MACHINE

BS-110

Environmentally and user friendly, very low noise level, easy to operate and low vibrations.

TECHNICAL DATA

Dimensions L / W / H	800mm / 300mm / 1.040mm
Weight	115kg (without options & accessories) / 180kg (incl. options & accessories)
Working width	152mm – 305mm (depending on the type of blade)
Speed	Up to 15 m/min
Motor power	1,1 kW / 230 V / 50 Hz / 16 A

OPTIONS & ACCESSORIES

DESCRIPTION	ARTICLE CODE
U-blade 305 x 76 x 1,6 mm	PJ111700101
Blade 152 x 127 x 1,6 mm	PJ111700102
Blade 254 x 76 x 1,6 mm	PJ111700103
Blade 145 x 102 x 1,6 mm	PJ111700104



MAIN ASSETS

- Forward and backward function. Speed control.
- Adjustable handle position. Can be used below fixed obstacles.
- Small and compact equipment which is easy for transportation.
- Very high output.
- Electrical driven machine.

BLASTRAC STRIPPING MACHINES



BLASTRAC SHOT BLASTING MACHINES

The shot blasting process has been around for over 100 years and Blastrac was the inventor of the first mobile shot blasting machine in the early 80's. Blastrac are now the undisputed global leader in this field. Operating in over 80 countries the Blastrac product range now has 55 different surface preparation machines, from handheld products to truck mounted and fully remote controlled surface preparation machines.

The Blastrac shot blasting systems are a mechanical process which is designed to remove up to 3mm of concrete, surface contaminants, surface imperfections and coatings on concrete, stone or asphalt. The process is fully controlled, safe and environmentally sound. It uses no water, no chemicals or solvents, emits no pollutants or dust to the atmosphere and the removed material can often be fully recycled, this is what makes the shot blasting process an environmentally friendly technology.

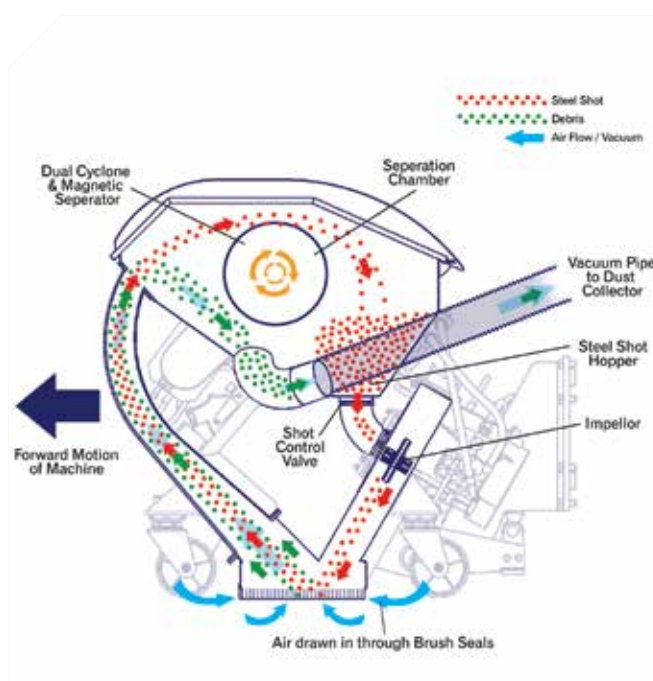
WORKING PRINCIPLE

Steel shot is fed by gravity through a control valve into an impellor. The impellor turning at high speed throws the steel shot through an adjustable opening at high velocity and at a specific angle on to the surface, over which the self propelled machine is travelling.

The steel shot impacts the surface and bounces off, as it does so material from the surface whether this is contaminants, coatings or the surface material itself is abraded. Loose material together with the shot is drawn up into the machine by the airflow created by the vacuum unit.

Brush seals enclose the blast head to the surface and air is drawn in through and under the brushes from the surface to ensure no shot or material from the blast head escapes into the atmosphere.

The debris and shot is drawn up into the separation chamber and by using a dual cyclone and magnetic separation process, the debris is drawn off to the dust collector and the shot is recycled back to the blast head.



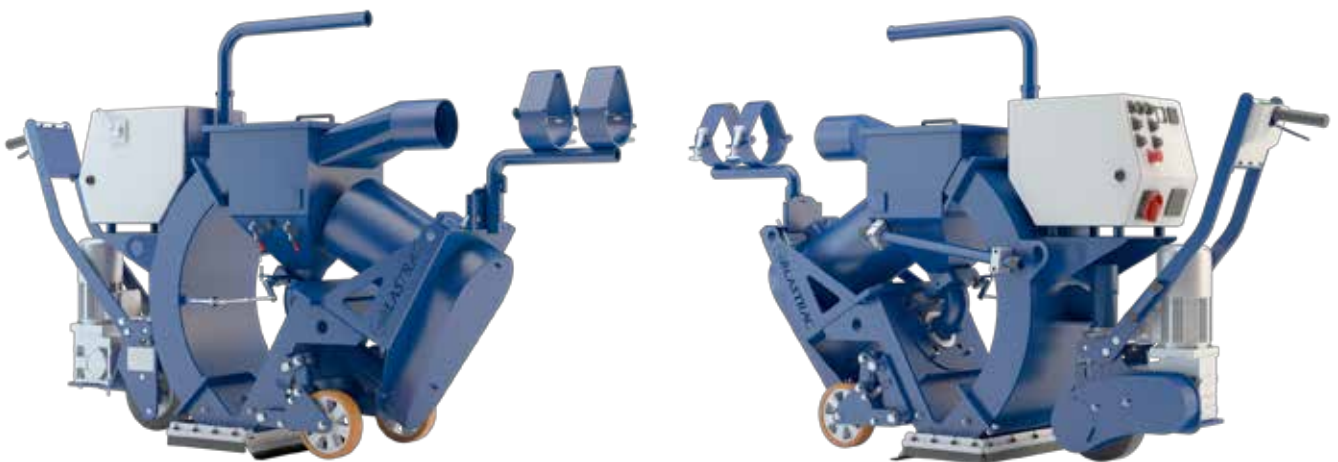
Accurate control of the shot blast pattern and the degree of removal or texture created is controlled using various machine settings and operational practices. These include:

- Shot type
- Shot size
- Shot delivery control valve setting
- Impellor / rotor speed
- Dust collector vacuum (airflow) setting
- Forward speed of machine
- Number and direction of passes

Perfectly suited for industrial flooring preparation, decontamination, road maintenance, asphalt cleaning...

TECHNICAL DATA	
Dimensions L / W / H	1.800mm / 570mm / 1.200mm
Weight	450 kg
Working width	380 mm
Blasting capacity	Up to 250 m ² /h on concrete
Motor power	15 kW / 400 V / 50 Hz or 60 Hz / 63 A

OPTIONS & ACCESSORIES	
DESCRIPTION	ARTICLE CODE
Magnetic broom R600	001238
Turbine (lifetime: about 25 hours)	B20536K
Side liner LH	B20394
Side liner RH	B20395
Top liner	B20907
S390 steel shot (< 100 g/m ²)	
Maintenance kit	000117



MAIN ASSETS

- High quality and strong fabrication.
- Height adjustable system, easy to transport.
- Ergonomic design and user friendly control panel.
- Reliable machine.
- Easy to handle and use.
- Closed circuit which is dust free, when connected to an appropriate Blastrac dust collector.

SHOT BLASTING MACHINE

T-10DPS75

Perfectly suited for industrial flooring preparation, decontamination, road maintenance, asphalt cleaning...

TECHNICAL DATA

Dimensions L / W / H	1.590mm / 400mm / 1.020mm
Weight	211 kg
Working width	254 mm
Blasting capacity	Up to 130 m ² /h on concrete
Motor power	7,5 kW / 400 V / 50 Hz or 60 Hz / 16 A

OPTIONS & ACCESSORIES

DESCRIPTION	ARTICLE CODE
Magnetic broom R600	001238
Turbine (lifetime: about 25 hours)	B21637
Side liner LH	E06153
Side liner RH	E06154
Top liner	E06155
S390 steel shot (< 100 g/m ²)	
Maintenance kit	E06361



MAIN ASSETS

- High quality and strong fabrication.
- Highly versatile machine, appropriate for many jobsite sizes.
- Ergonomic design and user friendly control panel.
- Reliable machine.
- Easy to handle and use.
- Closed circuit which is dust free, when connected to an appropriate Blastrac dust collector.

SHOT BLASTING SYSTEMS



NEW!

REGISTERED WORKSHOP FOR THE MAINTENANCE OF ASBESTOS OR LEAD CONTAMINATED MATERIALS





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