

## **Surface Preparation Equipment.2013**

Thank you, for using this information guide which is based on approximate guidelines as produced with the help and assistance of the manufactures and end users, in it we have a selection of the equipment and accessories available through ourselves for hire and sale. Please use this guide to help estimate the costs and time for any work you may be tendering for, equipment is subject to availability and we suggest a visit by one of our technical managers to ensure the correct machines and accessories are used.

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All prices quoted exclude VAT @ 20% and are subject to availability, we reserve the right to change any prices without prior notice.

**To arrange any of the above please contact us on 01633 619129 or visit our website  
at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)**

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# W H SURFACE PREPARATION UK 2

In the majority of cases whether the floor is being laid or refurbished, the surface needs to be mechanically prepared to accept the new floor covering. This preparation can take a number of machines or combination of equipment.

- Scabbling, planing or scarifying the surface to remove weak surfaces or providing a clean key on sound substrate.
- Removing existing coverings or coatings to refit new wearing surfaces.
- Removing contaminants such as paint, oil, rubber etc.
- Ensuring floors are flat and that coverings do not mirror substrate imperfections.
- Removal of difficult or well bonded worn surfaces, epoxy, self-leveling etc.

Inadequate or absent floor preparation, can and does result in the premature failure of a floor with inherent consequences for all concerned. Estimates vary, but it is an expected figure, that over 90% of all floor failures are due to poor or missing preparation. Mechanical preparation is carried out by a number of specialist machines:

**Floor planers** – from small to large size using all power mediums available for removing up to 8mm of substrate.

**Scarifiers and small grinders** – janitorial machines for works up to 200m<sup>2</sup> for removing paint coatings and various contamination, oil, rubber, adhesive, latex etc.

**Diamond grinders** – for large areas of removal down to about 3mm leaving flat profiles.

**Shot blasting equipment** – for coating removal and quick preparation of larger areas.

**Stripping machines** – for the removal of soft floors such as vinyls, tiles etc.

**Hand tools** – such as angle grinders, disc cutters etc, for edgework and difficult areas.

**Mixers** – hand held and angle type to prepare coatings after preparation work.

**Dust control and scrubbers** – to suit all the above equipment for dust free and water-controlled applications.

The list that follows shows some examples of both surfaces and substrate materials on which preparation machinery could be used:

<u>Contamination removal</u>	<u>surface/substrate removal</u>
Adhesives	asphalt
Butyl rubber	biscuit coat (friable)
Encrusted dirt	contract carpet
Encrusted organic (food)	latex
Fibreglass	laitance
Graphite	paint
Ice	plastics
Industrial grease	road markings
Oil	rubber coatings (antistatic)
Plastics	sheet & roll vinyl
Spillage	thermoplastics
Stains	elastomeric (car parks)

All surface preparation equipment should be used in conjunction with health and safety legislation.

## Theory of blasting.

The basic principle of the blasting operation is performed by abrasive being thrown at high velocity against the surface to be cleaned. The throwing action is achieved through centrifugal force where a wheel with paddle type blades attached radially is revolved at a continuous shaft speed. Onto this wheel abrasive is fed in such a manner that it travels along the radial length of the blades and is then thrown off in a high velocity stream at the surface to be cleaned. The energy placed into the abrasive is sufficient to enable it to rebound from the work surface. This rebound (kinetic energy) is used to recover the abrasive for re-use.

The machine is designed so that the blast wheel is throwing abrasive at an inclined angle relative to the work surface. This means after striking the work surface the abrasive rebounds at a similar angle into the reclaim duct, which directs it back into the hopper for, re-use. Assisting with this reclaim cycle the airflow created by the dust collector enters the machine through a brush screen at the rear of the Cabinet and flows across the work surface, up the reclaim duct, through the separator and into the duct collector, then through the fan and into the atmosphere. All surface contamination, which is being collected in the dust collector, must be disposed of under the COSHH and health and safety guidelines.

CONTAMINATED SURFACE  
REMOVED BY VACUUM  
AND KINETIC ENERGY



ABRASIVE PROPELLED  
TO SURFACE AT  
HIGH VELOCITY

## SHOT SPECIFICATION DETAILS

The abrasive is high carbon steel shot manufactured and tempered steel of approximately eutectoid composition and conforms to the internationally quoted specifications SAE J827 and SAE J444a. The product also conforms to size requirements of BSS 2451. Bags are 25kg in size and can be from S330 to S780 in size.

The following table shows the correct abrasive size for SPE machines:

Machine	S330	S390	S460	S550	S660	S780
9ES	YES	YES	YES	NO	NO	NO
12E	YES	YES	YES	YES		
16E	YES	YES	YES	YES		
20E	YES	YES	YES	YES	YES	YES

## STEEL:

The following table shows the abrasive size and application on steel:

Abrasive size	Mesh size	Machine	Production m <sup>2</sup> /hr*	Application
S780	2.00-2.80 mm	20E	30 - 40	Rapid removal of a thick coating but would not produce SA 2½
S660	1.70-2.36 mm	20E	30 - 40	- as above -
S550	1.40-2.00 mm	12ES 16E 20E	20 - 30 25 - 35 30 - 40	- as above -
S460	1.18-2.00 mm	12ES 16E 20E	15 - 20 15 - 25 20 - 30	Removal of medium thickness coating & commercial blasting standard
S390	1.00-1.70 mm	9ES 3 12ES 16E 20E	10 - 15 15 - 20 15 - 25 20 - 30	Removal of thin coating to an SA2½ standard. Removal of light corrosion
S330	0.85-1.40 mm	9ES 3 12ES 16E 20E	10 - 15 15 - 20 15 - 25 20 - 30	SA2½ on lightly corroded steel

\* only approximate rates

## AUTOBLASTING



### **SPE 9ES AUTOBLAST MACHINE 230mm**

**Hire includes triple motor dust control unit, 2 x 14mtr 110v 32 amp ext leads, and 2 x 5kva 32AMP transformers,**

<b>DAY</b>	<b>£411.60</b>
<b>WEEKEND</b>	<b>£548.80</b>
<b>WEEK</b>	<b>£686.00</b>

**Additional leads available to max 3 per machine, two separate mains sockets required of at least 30amps**

A small compact machine suitable for the small contractors and the rental industry. Self propelled and infinitely variable in all operations. Electrically powered. Recognised in industry as the modern fast versatile environmental dust free means to dry abrasive cleaning and texturing of horizontal or slightly inclined surfaces. This eliminates mess normally associated with hand blasting. Leaves an ideal surface for coatings and overlays to be applied.

THIS MACHINE OPERATES AT APPROX 50 SQ MTRS PER HOUR , ( these estimations are based on single passes over an unpainted floor). POWER SUPPLY MUST BE ON A SUBSTANTIAL NATURE OR PROBLEMS MAY OCCURE, A GENERATOR OF AT LEAST 12VA 110V IS REQUIRED TO OPERATE THE BLAST UNIT AND DUST CONTROL TOGETHER.

VARIOUS GRADES OF SHOT ARE AVAILABLE IN 25 KILO BAGS @ £42.00 bag EACH BAG WILL DO UP TO 150 SQ MTRS, THE STANDARD SIZE FOR THIS MACHINE IS S390. (we suggest a magnetic sweeper is used with all blasting)



### **MAGNETIC SWEEPER 600MM WIDE PUSH ALONG**

<b>DAY</b>	<b>£30.00</b>
<b>WEEKEND</b>	<b>£40.00</b>
<b>WEEK</b>	<b>£50.00</b>

The SPE range of magnetic floor sweepers has been designed to collect up ferrous and other metallic particles remaining on floor surfaces after blasting has taken place. The simply operated release mechanism enables easy depositing of debris after collection. The permanent magnet will retain its power for 50 years and require no maintenance.

NOTES: INEXPERIENCED OPERATORS MUST OBTAIN ON SITE INSTRUCTION OF BLAST EQUIPMENT; THIS CAN BE ARRANGED DEPENDING ON LOCATION AND TIME OF JOB.

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# **W H SURFACE PREPARATION UK** <sup>6</sup>



**SPE 9EG MANUAL AUTOBLAST MACHINE 230mm**  
Hire includes triple motor dust control unit, 2 x 14mtr 110v 32amp ext leads, 2 x 5kva 32amp transformers rated 3.3kva.

<b>DAY</b>	<b>£348.00</b>
<b>WEEKEND</b>	<b>£464.00</b>
<b>WEEK</b>	<b>£580.00</b>

Additional leads available to max 3 per machine,  
two separate mains sockets required of at least 30amps ring main

This is a manual version of the automatic 9e and suitable for small and awkward areas such as corridors, where speed is not a necessity.

Machine operates at approx 25 sq mtrs per hour ( these estimations are based on single passes over an unpainted floor) and uses only S330 or S390shot.

Shot is supplied in 25 kilo bags @ £42.00 per bag and 1 bag will cover up to 120 sq mtrs  
Power supply must be of a substantial nature or problems may occur, a generator of at least 12 kva 110v is required to operate the blast and dust control unit together.



## **MAGNETIC SWEEPER 600MM WIDE PUSH ALONG**

<b>DAY</b>	<b>£30.00</b>
<b>WEEKEND</b>	<b>£40.00</b>
<b>WEEK</b>	<b>£50.00</b>

The SPE range of magnetic floor sweepers has been designed to collect up ferrous and other metallic particles remaining on floor surfaces after blasting has taken place. The simply operated release mechanism enables easy depositing of debris after collection. The permanent magnet will retain its power for 50 years and require no maintenance. The height is adjustable to cope with large waste and uneven surfaces. The standard magnets range in size from 300mm to 900mm wide

NOTES: INEXPERIANCED OPERATORS MUST OBTAIN ON SITE INSTRUCTION OF BLAST EQUIPMENT; THIS CAN BE ARRANGED DEPENDING ON LOCATION AND TIME OF JOB.

NOTES. THESE PRICES ARE USED AS A GUIDELINE ONLY AS WE SUGGEST A SITE SURVEY BY ONE OF OUR TECHNICAL MANAGERS

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# W H SURFACE PREPARATION UK <sup>7</sup>

## 12es



**SPE 12ES AUTOBLAST MACHINE 300mm 3PHASE**  
**Hire includes dust control unit, 20mtrs Vacuum hose 20**  
**mtrs 3 phase leads.**

<b>DAY</b>	<b>£576.00</b>
<b>WEEKEND</b>	<b>£768.00</b>
<b>WEEK</b>	<b>£960.00</b>

additional extension leads are available at extra cost.  
25kva towable diesel generator £200.00 per week & diesel

The SPE 12E Super is a medium size Autoblast machine suitable for all applications of floor surface preparation. Mainly used for the preparation of concrete floors but equally effective on steel surfaces. The machine is electrically driven with forward and reverse drive being infinitely variable. The dust collection unit as with larger machines has continuous reverse air jet filtration cleaning. Recognised in the industry as the modern fast versatile environmental dust free means to dry abrasive cleaning and texturing of horizontal or slightly inclined surfaces. This eliminates mess normally associated with hand blasting. Leaves an ideal surface for coatings and overlays to be applied. Abrasive and debris is contained to prevent hazardous working and environmental pollution.

The machine operates at approx 100 sq mtrs hour **(These estimations are based on single passes over an unpainted floor where a coated floor could be down to 50m<sup>2</sup> per hour)** and requires a power supply within 20m of work area and 32 amp 5 pin 3 phase supply, either direct from a factory or via 25 Kva 3 phase generator £200.00 per week **On steel it is approx 25m<sup>2</sup> per hour to produce SA2 ½ or 20m<sup>2</sup> per hour on painted surfaces. )**

Various grades of shot are available in 25 kilo bags @ £42.00 per bag, each bag will do up to 200 sq mtrs approx ( standard grade of shot is S390)



**MAGNETIC SWEEPER 600MM WIDE PUSH**  
**ALONG**

<b>DAY</b>	<b>£30.00</b>
<b>WEEKEND</b>	<b>£40.00</b>
<b>WEEK</b>	<b>£50.00</b>

The SPE range of magnetic floor sweepers has been designed to collect up ferrous and other metallic particles remaining on floor surfaces after blasting has taken place. The simply operated release mechanism enables easy depositing of debris after collection. The permanent magnet will retain its power for 50 years and require no maintenance.

**NOTES: INEXPERIENCED OPERATORS MUST OBTAIN ON SITE INSTRUCTION OF BLAST EQUIPMENT; THIS CAN BE ARRANGED DEPENDING ON LOCATION AND TIME OF JOB.**

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# W H SURFACE PREPARATION UK 8

## SPE 16E 3PHASE BLAST MACHINE

No longer available as we now hire 12" machine that has same size motor as a 16" machine but will dismantle smaller to get into tanks etc.



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## **Floor grinders theory.**

Walk behind surface grinders offers a wide variety of head applications for problem solving. The system offers the very little substrate damage, as there is no downward impact on the floor. Grinding offers the effective removal of polyurethanes, elastomeric and open adhesives as well as the standard reducing of high spots. The introduction of new heads is ongoing as material manufacturers developing new flooring applications. Grinding is able to offer fully profiled substrate that is sufficient enough for coatings to be applied. Application of materials becomes cost effective with the improvement of the substrate texture, which is the difference between blasting and grinding a concrete surface.

### **D. F. G. range,**

A successful diamond grinder must give the operator complete control but at the same time have enough weight to act directly onto the diamond heads to facilitate accurate and rapid grinding. The unique design of both the D. F. G. 250 and D. F. G. 500 have ballast weights that can be removed together with a precise adjustment of the fulcrum for the rear wheels and allows for perfect grinding all types of situations. Environmental considerations are fully controlled with a uniquely designed dust extraction port and the facility for using water when grinding. Noise is kept to a minimum by the use of high power three phase electric motors and belt drive systems. The fully adjustable and damped handle allows for maximum operator safety and comfort.

The DFG 400 twin head machine is a lightweight floor grinder for removal of thin paint coatings, thin latex or scratching of concrete surfaces, it is not suitable for adhesive removal and more than about 3mm of concrete. It can be used with 2 x diamond plates which give a footprint of approx 400mm. Carburundum blocks can also be used for cost effective lipage work on spalled concrete where rain or frost has damaged the surface. The 110v unit requires a minimum 5kva supply via transformer and preferably 32amp wire in supply from mains.

The D. F. G. 250 standard operates at 1500 rpm and can be used to grind most types of concrete floors. The machine has a dust extraction port for dust free operation when used in conjunction with the SPE dust collector. The rear wheels are mounted on a pivoting axle, which allows the weight and balance of the machine to be altered according to the job specification and requirements. To aid operator comfort the handlebars are mounted on rubber vibration damped clamps. The machine also has a facility for the application of water when grinding is required.

Both the D. F. G. 250 and D. F. G. 500 have a slow speed rpm design which should be introduced when using the polymer diamond system for terrazzo and marble applications.

The D. F. G. 500 is manufactured to the same high specification as the D. F. G. 250 but has twin heads with a hydro- head lift facility. The net weight is in excess of 300kg, but one operator can easily control the machine. The machine has the facility for the application of water when wet grinding is required.

Typical applications for the diamond floor grinder range are;

- Dry adhesive removal,
- Slurry grinding on water miscible products,
- Removal of crystallised adhesive (ATA.) and Wet adhesives,
- Providing profile for thin film coatings (eliminates shadowing),
- Accurate grinding of large concrete areas,
- Re-profiling of old concrete floors,
- Removal of old coatings and contaminants.

With low operational noise, little or no impact vibrations, consistent diamond wear rates and ease of operation make the D. F. G. 250 and D. F. G. 500 economical for floor preparation work.

Accessories:

Diamond cutting and grinding heads work very effectively and under good site conditions are extremely cost effective, however if the diamond is allowed to get hot they glaze over and cease to cut this is caused by using too hard diamond on a hard floor and too soft diamond on a soft floor will wear out quickly. They can be opened again by allowing the head too cool down and then cutting on a softer surface than one being ground.

The basic rules to apply to diamond grinding which applies for all steel segmented heads are as follows;

- The hotter the Diamond Head the poorer it cuts,
- Diamonds should be measured at the start of any work and assessed again after some 15 minutes of use. This enables the user to gauge the diamond wear of the work being undertaken and check if the correct bond type is being used.
- It is critical to match the bond to the type of floor being ground as this affects choice of diamond segment to be used. If the floor is soft a hard diamond head is needed and a soft diamond head on a hard floor.
- If the ground is rough tamped the diamond must be used so that the local area is ground and flattened approximately five square metres, this area should then be increased by moving over the five square metres to a new area and back again this will maximise cutting and limit aggressive head wear.
- If the head is being used dry then dust extraction must be used, as this helps the diamonds keep cool.

A skilful operator can provide a flat profile to a substrate giving:

- An aesthetic appearance to the follow on coating without the substrate floor preparation showing through (shadowing),
- Less applied material being required to fill voids up to level,
- A level finished substrate making material application more cost effective.

There are ten types of diamond heads available for the D. F. G. range of floor grinders, the most commonly used is the standard 16 segment blue which will grind 2000 -- 5,000 square metres based on 10 mm segment. The list of these heads and applications is as follows;

## **Economy grade-- ten segment blue or yellow £220.00**



250mm in diameter use- economic removal of most types of adhesives and surface contaminations. Excellent for use on rougher surfaces as a first grind. Can be used wet or dry.

## **Standard grade -- 16 segment blue £290.00**



250 mm in diameter use – grinding of most types of concrete floor in preparation for follow-on coatings. General all purpose heads for most grinding works. Can be used wet or dry.

## **High-performance grade -- 20 segment blue £320.00**



250 mm in diameter use -- fast removal and grinding for most types of plain and painted concrete floors. Will key floor for coating, remove high spots, lip edges etc. Suitable for first and second stage grinding of terrazzo and aggregated seamless floors can be used wet or dry.

## **Soft bond for hard floors -16 Segment Grey £290.00**



16 Segments, 10mm segment depth. Soft bond for hard surfaces. Grinding of concrete in preparation for following on coatings. Excellent cost per square metre. Can be used wet or dry

## **Hard Bond for soft floors 16 Segment Black £290.00**



250MM diameter 16 Segments, 10mm segment depth. Hard bond for softer surfaces. Grinding of concrete in preparation for following on coatings. Excellent cost per square metre. Can be used wet or dry

## **Super aggressive -- 10 segment red £270.00**



250 mm in diameter use -- designed for the removal of S. L. and epoxy coatings in a commercially viable way, can be used for the majority of aggressive grinding applications and will give extended wear on the heads. Can be used wet or dry.

## **16 SEGMENT PURPLE £270.00**



16 Segments, 10mm segment depth. Soft bond for hard surfaces. Second stage grinding of terrazzo and decorative concrete. Leaves a smooth flat finish.

## LIGHT WEIGHT DIAMOND FLOOR GRINDERS



### D270 SINGLE HEAD FLOOR GRINDER

- 250mm 2.2kw 110v machine weighs less than 50kg
- Dust 98% free when used with 316 vacs, adjustable dust skirt
- Can be used with PCD grinding tools for light adhesive removal, capable of up to 100m2 per day on 1mm.

<b>DAY</b>	<b>£92.40</b>
<b>WEEKEND</b>	<b>£123.20</b>
<b>WEEK</b>	<b>£155.00</b>

16 GRIT DIAMOND SHOE FOR GENERAL STOCK REMOVAL £60.00 PER MM PER SET 6



PCD DIAMOND SHOE FOR ADHESIVE/LATEX REMOVAL £59.00 PER MM PER SET OF 3



### DFG 400 TWIN HEAD LIGHTWEIGHT FLOOR GRINDER

- 2 x 250mm heads driven by heavy duty gearboxes
- Dust extraction skirt provides up to 98% when used with 316 dust control unit
- Theoretical work rate up to 200m2 per day on 1mm non coated powerfloated concrete floor
- Uses diamond grinding plates or abrasive blocks
- 110v 32amp or petrol types available
- Weight of only 80kg

<b>DAY</b>	<b>£90.00</b>
<b>WEEKEND</b>	<b>£120.00</b>
<b>WEEK</b>	<b>£150.00</b>

- Wear charge per mm per plate £59.00
- Minimum charge 0.5mm



To arrange any of the above please contact us on 01633 619129 or visit our website at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)

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## **HEAVY WEIGHT FLOOR GRINDERS**

### **DFG250 SINGLE HEAD**

250MM Heavy weight grinder suitable for adhesive and concrete removal, approx work rate on 3mm concrete is 250m<sup>2</sup> per day

#### **DFG 250 PETROL**

<b>DAY</b>	<b>£99.00</b>
<b>WEEKEND</b>	<b>£132.00</b>
<b>WEEK</b>	<b>£165.00</b>



#### **DFG 250 3PHASE C/W 20M EXT LEAD**

<b>DAY</b>	<b>£117.00</b>
<b>WEEKEND</b>	<b>£156.00</b>
<b>WEEK</b>	<b>£195.00</b>



**Wear charge on diamond plates per mm £79.00 (minimum of 1mm)**

### **DFG500 TWIN HEAD**

available in 3phase and is manufactured to the same high specification and characteristics as the DFG250 but has twin heads with a hydraulic head raise and lower facility, which is easily operated by push button switches mounted on the handle bars. The net weight is in excess of 300kg but one operator can easily control the machine.

Approx work rate is 300m<sup>2</sup> per day on 3mm coating

**DFG 500 3PHASE 32AMP 5 PIN SUPPLY REQ**



<b>DAY</b>	<b>£240.00</b>
<b>WEEKEND</b>	<b>£320.00</b>
<b>WEEK</b>	<b>£400.00</b>



**Wear charge on diamond plates per mm £79.00 per plate (minimum of 1mm)**

THE ABOVE IS SUITABLE FOR APPLICATIONS INCLUDING GRINDING OF CONCRETE, REMOVAL OF OLD COATINGS, CONTAMINATES AND ADHESIVES. IT IS DIFFICULT TO ESTIMATE DIAMOND WEAR BUT APPROX. 1MM FOR EVERY 200 M<sup>2</sup> IS AN AVERAGE SUBJECT TO ASSESSMENT AFTER 15 MINS WORK.

Various grades of diamond plates available on request for sale only.

Where any diamond plate is worn out we will only charge the plate off with out any wear charge

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## DIAMOND HAND GRINDERS/CUTTERS

125MM 1400 WATT GRINDER C/W DUST  
COWL 110V

<b>DAY</b>	<b>£33.00</b>
<b>WEEKEND</b>	<b>£44.00</b>
<b>WEEK</b>	<b>£55.00</b>

180MM 2400 WATT GRINDER C/W DUST  
COWL 110V

<b>DAY</b>	<b>£39.00</b>
<b>WEEKEND</b>	<b>£52.00</b>
<b>WEEK</b>	<b>£65.00</b>

DIAMOND CUP DISC £12.00 PER MM OR  
£85.00 PER DISC

DIAMOND CUP DISC £25.00 PER MM OR  
£95.00 PER DISC



Attachment to convert 9" hand held grinder into a trolley mounted surface grinding system. Fits most popular angle grinders. Easier method for grinding concrete, paint removal and keying existing coatings. Can be used dust free. Fitted with 38/50mm dust port, production rate of up to 100m<sup>2</sup> per day.

Attachment to convert 180mm grinder to a trolley mounted floor cutter, fits most angle grinders. Used for cutting factory floors down to 55mm or raking out expansion joint, two blades can be fitted to increase the gap, can be used dust free.

<b>DAY</b>	<b>£810.00</b>
<b>WEEKEND</b>	<b>£1,080.00</b>
<b>WEEK</b>	<b>£1,350.00</b>



<b>DAY</b>	<b>£63.00</b>
<b>WEEKEND</b>	<b>£84.00</b>
<b>WEEK</b>	<b>£105.00</b>



Wear charge on 180mm diamond plates per mm  
£25.00 (minimum wear 1mm)

Wear charge per mm on blade £15.00, min 1mm

**HEAVY DUTY MOTORS FITTED FOR CONTINUAL DIAMOND GRINDING OF  
VERTICAL SURFACES AND CLOSE TO THE EDGES, DUST PORTS FITTED TO  
ACCEPT DUST CONTROL UNITS AS REQUIRED**

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## 3 HEAD PLANETARY FLOOR GRINDER & POLISHER



### TECH SPEC DFG700

- ACCURATE GRINDING OF CONCRETE SURFACES
- RE PROFILING OF OLD CONCRETE FLOORS
- REMOVAL OF OLD COATINGS & CONTAMINATES
- GRINDING & FINISHING OF RESIN BASED AND TILED TERRAZZO
- PREPARATION OF THIN FILM COATING
- CONCRETE POLISHING
- 11KW 3 PHASE MOTOR, 2800 RPM 292KG WEIGHT
- 20 KVA GENERATOR REQUIRED 32AMP 5 PIN SUPPLY
- Can grind up to 500m2 of concrete per day



### TECH SPEC 316-3

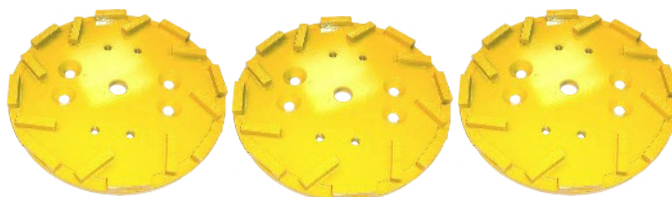
- 60 LTR PRACTICAL DROP BIN FOR WASTE
- EXTERNAL FILTER SHAKER
- 32 AMP 3 PHASE POWER TAKE OFF
- 75 MM HOSE TO MATCH DFG700 SIZE
- 16 POLYESTER FILTER TUBES GIVING 16600 CM2 FILTERING
- 153 KG WEIGHT
- 4 KW MOTOR 3 PHASE 32 AMP 5 PIN SUPPLY REQ FROM 8KVA GENERATOR
- BIG WHEELS AND LOCKABLE CASTORS

HIRE RATES combi rate for above machine c/w 15mtr hose and 15mtr inter cable

DAY	£477.00
WEEKEND	£636.00
WEEK	£795.00

**Grinding shoes and PCD's  
also available on request.**

**WEAR CHARGE PER MM ON  
16 SEGMENT PLATE £59.00  
PER MM PER PLATE**



To arrange any of the above please contact us on 01633 619129 or visit our website  
at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)

TECHNICAL GUIDE 2012

## STR MACHINE



STR MULTI PURPOSE FLOOR MACHINE  
HIRE C/W 32 AMP 20MTR EXTENSION CABLE AND 5KVA TRANSFORMER.

THE PRODUCTION RATE OF WORK IS APPROXIMATELY 250m<sup>2</sup> PER HOUR DEPENDING ON WHAT HAS TO BE REMOVED AND THE FINISH YOU REQUIRE.

<b>DAY</b>	<b>£93.00</b>
<b>WEEKEND</b>	<b>£124.00</b>
<b>WEEK</b>	<b>£155.00</b>

THIS MACHINE IS SUITABLE FOR ALL TYPES OF FLOOR PREPARATION; DUST CONTROL IS AVAILABLE AS PREVIOUS PAGES. SOME OF THE FOLLOWING ARE AVAILABLE FOR HIRE.



### **Tungsten carbide grinding plates**

Grinding and texturing of concrete floors. Removal of rubber, ice dirt and ATA adhesive. Removal of laitance from concrete floors

**Price per week**

**£45.00 or £98.00 to buy**



### **Dust skirt for use with dust control unit**

When used with spe 316 unit can be up to 99% dust free.

**Price per week**

**£26.00**



### **DIAMOND TRIPLE HEAD**

THREE DIAMOND CUPS FITTED TO BOARD WILL ABRASE PAINTED SURFACE OR REMOVE CONCRETE LAITENCE BEFORE REPAINTING

**Price per week £26.00 for plate**

**and wear charge of £25.00 per mm per disc**



### **Sprung steel brush**

Removal of carpet backing, rubberised compounds, heavy oil and dirt build up

**Price per week £35.00**



### **Double sided silicon carbide sanding discs and stripscreen discs**

Cleaning and sanding wooden and concrete floors. Trowel marks removed

**Price as sale item only £9.50 each**



### **Carburundum grinding blocks ( five req)**

Rapid grinding of concrete, keying of power floated concrete. Removal of trowel marks and damage to concrete surface

**Price as sale only £5.95 each block – requires block carrier £29.00 week**



To arrange any of the above please contact us on 01633 619129 or visit our website at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)

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## **Multi-purpose surface preparation machine STR 701.**

This multipurpose rotary preparation equipment is simple to operate, quiet and has a larger range of attachments for multi-purpose facility. The machine can be operated dust free and is ideal for refurbishment and renovation. It as a unique rotary action and is capable of high output rates. It is less aggressive than normal planers, which can be advantageous on some contracts as there is a minimal damage to the floor. Electric only, very high output rates for sanding of up to 200 m2 per hour to the floor. The machine can be unsuitable for some jobs as too much can be expected of.

Excellent, versatile, maintenance free tool with good earning potential for the hire industry and specialist contractors.

General applications;

- Grinding down joints,
- Remedial work to rain and frost damage slabs, concrete laitance removal,
- Removal of oil, bitumen and adhesive deposits,
- Clean and prepare surfaces prior to coating,
- Brush finish green concrete to remove laitance,
- Removal of plaster, cement and ice build up,
- Key existing coating,
- Removal of nonslip aggregates,
- Clean and texture wood,
- Clean and maintain all types of formwork
- Concrete tump reduction,
- Removal of alga and Moss from block paving.

The STR 701 offers a range of cleaning and grinding heads, which have been developed to solve many problems. This range includes tungsten carbide, diamonds and silicon carbide attachments together with a comprehensive range of brushes. Consumable costs can be reduced by up to 40% with the use of tungsten carbide heads together with low noise and vibration levels when compared to other common mechanical methods such as planing or blasting.

Details and application is of the attachments are as follows;

Description / performance / application.

### **BRUSHES**

Nylon heavy-duty scrubbing up to 200 m2/hr non-industrial routine scrubbing and brush cleaning of wooden and hard floors, concrete shuttering and form work cleaning.

Nylon and wire heavy duty up to 200 m2/hr industrial floor, concrete shuttering and formwork scouring and cleaning.

Nylon and wire standard duty up to 200 m2/hr industrial floor, concrete shuttering polishing brush and formwork cleaning, wax polishing, concrete shuttering.

Sprung wire heavy duty cleaning up to 200-m2/hr removal of stubborn foam carpets and underlay, ice and rubberised compound.

Standard duty wire cleaning up to 200m2/hr cleaning of metal decking and removal of grease deposits.

STR ACCESSORIES CONTD

**To arrange any of the above please contact us on 01633 619129 or visit our website at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)**

TECHNICAL GUIDE 2012

## Str attachments cont

- Special nylon application brush up to 200m<sup>2</sup>/hr applying sealing compounds.
- Block paving brush Long life silicon carbide impregnated nylon bristles up to 100m<sup>2</sup>/hr cleaning of block paving, concrete and non-glazed hard floor tiles.
- Cleaning and sanding
- Silicon carbide impregnated nylon fibre pad up to 200m<sup>2</sup>/hr cleaning and polishing of hard concrete, natural stone and tile floors, used as intermediate pad for sanding discs. Available in coarse, medium and fine.
- Double sided silicon carbide sanding disc up to 200m<sup>2</sup>/hr sanding and grinding of wooden floors, laitance removal from concrete floors, non aggressive fine preparation without damage. Available in coarse, medium and fine
- Sand screen disc open carbide sheet up to 200m<sup>2</sup>/hr cleaning and sanding of wooden floors.
- Tungsten carbide double-sided tungsten carbide discs, up to 200m<sup>2</sup>/hr concrete floor grinding and preparation, industrial floor grease, rubber and texture build up cleaning, long life and self cleaning properties. Available in coarse medium and fine. Can be used wet or dry.
- Block tec blocks set of five blocks fitted to blocktec carrier up to 100m<sup>2</sup>/hr contour following removal of rubberised deposits, ice, old coatings and foam underlay, laitance and old floor coatings.
- GRINDING
- Carbide stone grinding ring up to 60m<sup>2</sup>/hr fast grinding of concrete floors and levelling expansion joints, can be used wet or dry.
- Diamond blocks set of five fitted to blocktec carrier up to 100m<sup>2</sup>/hr multi-purpose grinding of adhesive, laitance, keying of power float and trowel marks.

## ELECTRIC BREAKER WITH TILE STRIPPING ATTACHMENT

110v tile remover



### MILWAUKEE KANGO 900K BREAKER

11kg machine with variable speed action

When used with special floor tool can remove tiles and screed with very little damage to the sub surface.

Fitted with top handle gives lower HAV and better operator control .

<b>DAY</b>	<b>£45.00</b>
<b>WEEKEND</b>	<b>£60.00</b>
<b>WEEK</b>	<b>£75.00</b>

**Hire price includes allowance for wear on blade**

**Additional blades available for £15.95 each**

Also available cranked chisel for hilti te905 breaker

## HAND & AIR SCABBLERS



110v 150MM HAND HELD SURFACE SCABBLER, Fitted with C6 tct teeth, leaves peened or rough surface, scabbles concrete and exposes aggregate. Dust free when used with hood and extractor

<b>DAY</b>	<b>£39.00</b>
<b>WEEKEND</b>	<b>£52.00</b>
<b>WEEK</b>	<b>£65.00</b>

Range of products as below for thick and thin coatings, to adhesive or rubberised products with the pcd diamond head.



**SCABBLETEX HEAD**  
THICK COATINGS  
£25.00 WEAR CHARGE



**TCT HEADS**



**SEMI FLEX DISCS**  
THIN PAINT  
£5.95 EACH



**PCD DIAMOND ADHESIVE**  
£35.00 WEAR

### 3 HEADED MULTI SURFACE AIR OP SCABBLER

Removal of rust, coatings, scale from steel structures and surface. Cleaning of cast iron, steel pipe and bell joints of gas lines maintained by utilities and gas companies. Removal of stubborn coatings and mastic residue from floor.

<b>DAY</b>	<b>£23.40</b>
<b>WEEKEND</b>	<b>£31.20</b>
<b>WEEK</b>	<b>£39.00</b>



### 12 HEADED MULTI SURFACE AIR OP SCABBLER

Suitable to remove metal scale from decking, will also Scabble concrete decking.

Requires 90cfm from compressor.

approx m/s on machines of 4.5

<b>DAY</b>	<b>£180.00</b>
<b>WEEKEND</b>	<b>£240.00</b>
<b>WEEK</b>	<b>£300.00</b>





## BEF 200 FLOOR PLANERS (200mm wide, dry use only)

Planers are mainly used for the removal of coatings and preparation of substrates. The smaller models can remove up to 150 square metres per shift and the larger models up to 1000 square metres per shift. The fundamental difference between models is in the depth of removal. The machine that takes off a wash coat of latex is not the same machine that will remove 5mm of C35 concrete. The finish obtained with a planer is determined by the type of substrate that the contamination is on and the cutter configuration used. The larger self propelled models of planers are specifically designed for a controlled removal of material with full dust control. All models of planers are available with various power sources to suit varying needs.

Different accessories are available for varying applications. All planers can be used on concrete, steel or asphalt surfaces



### ELECTRIC 110V BEF200 C/W 4MM EXT LEAD & 5KVA TRANSFORMER



<b>DAY</b>	<b>£99.00</b>
<b>WEEKEND</b>	<b>£132.00</b>
<b>WEEK</b>	<b>£165.00</b>

CUTTERS EXTRA AS BELOW

### PETROL BEF200

<b>DAY</b>	<b>£78.00</b>
<b>WEEKEND</b>	<b>£104.00</b>
<b>WEEK</b>	<b>£130.00</b>

CUTTERS EXTRA AS BELOW

### EDGE ATTACHMENT BEF 60 FOR BEF200

<b>DAY</b>	<b>£39.00</b>
<b>WEEKEND</b>	<b>£52.00</b>
<b>WEEK</b>	<b>£65.00</b>

TCT CUTTERS	£16.50	£8.25	£33.00
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TCT DRUM FITTED FOR PREPARATION OF CONCRETE, TEXTURING SCABBLING AND PLANING, UP TO 200m2 PER DAY IS AVAILABLE WHEN REMOVING 2MM ON 18N CONCRETE.

**HIRE PER WEEK £56.00 OR TO PURCHASE £220.00**

BEAM CUTTERS FITTED FOR THE REMOVAL OF PAINT, LAITENCE, GREASE, DIRT AND ICE, SUITABLE FOR THE KEYING OF CONCRETE WHEN A FINE TEXTURE IS REQUIRED. UP TO 300m2 PER DAY IS AVAILABLE WHEN REMOVING LIGHT PAINT, 1MM DIRT .

**HIRE PER WEEK £46.00 OR TO PURCHASE £140.00**

MILLING CUTTERS FOR THE REMOVAL OF THERMOPLASTIC ROAD/RUNWAY MARKINGS, RUBER BASED DEPOSITS, COLD PLASTIC COATINGS FROM ASPHALT AND CONCRETE. CAN BE SET UP AT VARIOUS WIDTHS TO ENABLE LINE REMOVAL ONLY

**HIRE PER WEEK £ 99.00 OR TO PURCHASE £25.00 PER CUTTER**

**DUST CONTROL TO SUIT ABOVE IS AVAILABLE AS ON page 22  
OR  
POWER SUPPLY ON PAGE 40**



To arrange any of the above please contact us on 01633 619129 or visit our website at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)

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## LARGE FLOOR PLANES



### BEF275 – 275MM FLOOR PLANE

- 225kg available in petrol or 3phase

<b>DAY</b>	<b>£237.00</b>
<b>WEEKEND</b>	<b>£316.00</b>
<b>WEEK</b>	<b>£395.00</b>

Wear charge on cutters extra as below  
Can do up to 300m<sup>2</sup> per day on 3mm removal concrete  
3phase ext leads 20mtr £35.00 per week

## CUTTERS ARE EXTRA

### TCT CUTTERS

STANDARD SET UP HIRE Per WEEK £160.00

GROOVING SET UP HIRE PER WEEK £110.00 (approx 25mm hatch)

### BEAM CUTTERS

STANDARD SET HIRE Per WEEK £120.00

TCT DRUM FITTED FOR THE PREPARATION OF CONCRETE, TEXTURING SCABBLING AND PLANING  
TCT CUTTERS WILL REMOVE APPROX 3MM IN ONE PASS ON 18N CONCRETE AND WILL COVER APPROX 300 SQMTRS PER DAY.

BEAM CUTTERS FITTED FOR THE REMOVAL OF PAINT, LAITENCE, GREASE DIRT AND ICE, KEYING OF CONCRETE WHEN FINE TEXTURE IS REQUIRED. BEAM CUTTERS WILL COVER APPROX 300 SQMTRS PER DAY WHEN REMOVING 2 TO 3MM OF PAINT ETC.



### BEF 320 320MM FLOOR PLANER DIESEL OR 3PHASE 480KG MACHINE HAV 2M/S

<b>DAY</b>	<b>£297.00</b>
<b>WEEKEND</b>	<b>£396.00</b>
<b>WEEK</b>	<b>£495.00</b>

CUTTERS CHARGED EXTRA  
TCT SET £190.00 PER WEEK

3phase ext leads 20mtr £35.00 per week

The BEF 320 is a robust self propelled hydrostatically driven machine having infinitely variable speed control to each independent drive wheel motor. This allows the machine a forward and reverse feature which gives the machine the capability to turn around in its own axis providing the operator with safe effortless operation. The cutter drum has a hydraulic raise and lower feature which combined with optimum weight distribution along with heavy duty cutters and drum provide accurate precision planing and texturing whilst maintaining maximum cutter life with high productivity rates.

TCT DRUM FITTED FOR THE PREPARATION OF CONCRETE, TEXTURING SCABBLING AND PLANING  
TCT CUTTERS WILL REMOVE APPROX 5MM IN ONE PASS ON 18N CONCRETE AND WILL COVER UP TO 400m<sup>2</sup> APPROX PER DAY

## DUST CONTROL UNITS

### MEDIUM DUST CONTROL 110V



35mm inlet hose allows 4500 l/m airflow into Bottom waste bin.

Filters can be shook frequently to help maintain maximum suction.

<b>DAY</b>	<b>£51.00</b>
<b>WEEKEND</b>	<b>£68.00</b>
<b>WEEK</b>	<b>£85.00</b>

Inc 4mtr hose and floor tool

Requires 3kva transformer or 3kva generator

Approx 90% efficiency

### 110V 32amp TRIPLE MOTOR DUST CONTROL



50mm inlet hose allows 8640 l/m of airflow into 60ltr drop bin.

Filters can be shook regularly to maintain maximum suction. When used with dust cowls on scabblers and grinders and dust ports on planers and grinders, can be used with 500mm floor tool to remove waste from floor.

<b>DAY</b>	<b>£77.40</b>
<b>WEEKEND</b>	<b>£103.20</b>
<b>WEEK</b>	<b>£129.00</b>

inc 5mtr hose and floor tool

hepa filters supplied of sale only approx £200.00

requires 5kva transformer or 5kva generator

approx. 98% efficiency

### 110v AIR CUBE

Use to help control the environment you are working in with dust control this device grabs the air and recycles it through a two stage filter box then returns it to the environment cleaned or it can be ducted to the outside when used with flexi ducting.



<b>DAY</b>	<b>£77.40</b>
<b>WEEKEND</b>	<b>£103.20</b>
<b>WEEK</b>	<b>£129.00</b>

To arrange any of the above please contact us on 01633 619129 or visit our website at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)

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## ELECTRIC FLOOR SAWS 3PHASE AND 110V

### **9"•FLOOR SAW 110V 32AMP**

POWER SOURCE - 110V 32AMP

DEPTH CUT – 65 MM

BLADE SIZE – 230 MM

WEIGHT – 60 KG

<b>DAY</b>	<b>£96.00</b>
<b>WEEKEND</b>	<b>£128.00</b>
<b>WEEK</b>	<b>£160.00</b>

CAN FIT TWO BLADES SPACED APART.

DUSTLESS WHEN USED WITH DUST CONTROL UNIT

WEAR CHARGE PER MM PER BLADE £15.00



### **18"•FLOOR•SAW 3PHASE**

POWER SOURCE 3PHASE 415V 32AMP 5PIN

DEPTH CUT 165 MM

BLADE SIZE 450 MM

WEIGHT 80 KG

WATER TANK 32 LTRS

<b>DAY</b>	<b>£178.80</b>
<b>WEEKEND</b>	<b>£238.40</b>
<b>WEEK</b>	<b>£298.00</b>

CAN BE USED WITH WIDE SLOT LOOP BLADES.

WEAR CHARGE PER MM £60.00



### **600MM FLOOR SAW 3PHASE**

POWER SOURCE 3PHASE 415V 16A 5PIN

DEPTCH CUT 240MM

BLADE SIZE 600MM

WEIGHT 115KG

WATER FEED DIRECT

<b>DAY</b>	<b>£234.00</b>
<b>WEEKEND</b>	<b>£312.00</b>
<b>WEEK</b>	<b>£390.00</b>

**WEAR CHARGE PER MM £112.00 – 600MM**

Will give a maximum depth of cut of up to 240mm when using a diamond blade. Ideal for inside work where petrol machines can not be used. A three phase / 415v Power supply is required to run this machine or a 20kva generator - three phase leads also available



To arrange any of the above please contact us on 01633 619129 or visit our website at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)

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## SKID STEER PLANERS



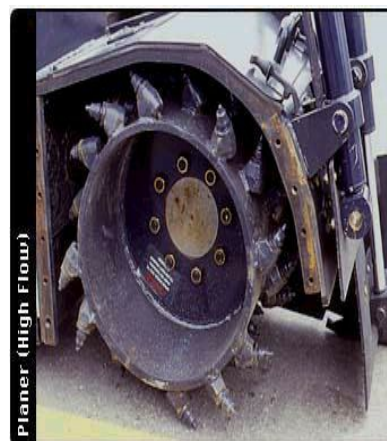
Skid steer loader c/w planning head as below

	<u>WEEK</u>
Standard head (approx 84 picks)	£950.00
Surface head (approx 217 picks)	£995.00
damaged picks are chargeable bucket and brush also available	£190.00

### PLANER (STANDARD FLOW)

The Bobcat® Standard Flow Planer is an economy model designed to work well on a wide range of Bobcat loaders. The 18" drum and manual depth adjustment are ideal for milling potholes, alligator cracks, or other defects in parking lots and roadways.

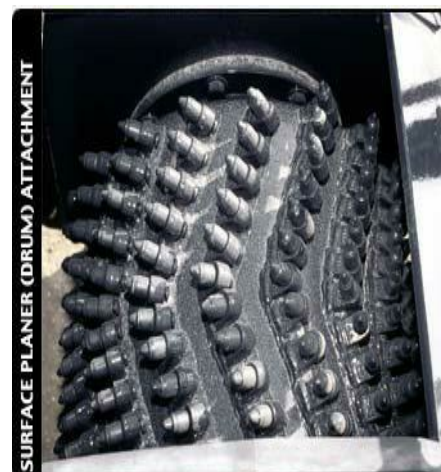
Cutting depth 0 to 6 inch (152mm) at approx 20mm pass per time



### PLANER (SURFACE)

Designed for the removal of roadway lines, paint stripes and very fine surfaces, the Bobcat surface planer is the perfect attachment for parking lots, highways and airports. It uses a high-speed motor and a specially designed 16-inch drum with 217 teeth, assuring a super-smooth surface finish.

Cutting depth 0 to 4 inch (102mm)  
Only suitable for ½ pass per time



## FLOOR TILE LIFTERS AND REMOVERS

Professional removal of all bonded floor coverings.



**DURO STRIPPER 210MM WIDE MANUAL PROPELLED 110V 16 AMP**

<b>DAY</b>	<b>£66.00</b>
<b>WEEKEND</b>	<b>£88.00</b>
<b>WEEK</b>	<b>£110.00</b>

BLADES ARE CHARGED IF WORN OUT OR DAMAGED @ £19.50 RATE OF WORK IS APPROX 15 SQ MTRS PER HOUR ON 2MM VINYL AND APPROX 30 SQ MTRS PER HOUR ON CARPETS/TILES.



**SPE TILE STRIPPER 300MM WIDE SELF PROPELLED 110V 32 AMP**

<b>DAY</b>	<b>£156.00</b>
<b>WEEKEND</b>	<b>£208.00</b>
<b>WEEK</b>	<b>£260.00</b>

BLADES CHARGED IF WORN OUT OR DAMAGED @ £22.50 REQUIRES A 5KVA TRANSFORMER .HAS SPEED OF 2.5MPH AND CAN ACHIEVE UP TO 20mtrs PER MIN ON 3MM VYNIL AND ON 3MM CARPETS AND TILES.



**TURBO TILE STRIPPER 350MM WIDE SELF PROPELLED 110V (120KG)**

<b>DAY</b>	<b>£174.00</b>
<b>WEEKEND</b>	<b>£232.00</b>
<b>WEEK</b>	<b>£290.00</b>

BLADES CHARGED IF WORN OUT OR DAMAGED @ £24.50 REQUIRES A 5KVA TRANSFORMER .HAS SPEED OF 2.5MPH AND CAN ACHIEVE APPROX. 30 SQ. MTRS PER HOUR ON 3MM VYNIL AND APPROX. 60 SQ. MTRS PER HOUR ON 3MM CARPETS AND TILES.

## Ride on Tile stripper



LPG GAS OPERATED 600MM WIDTH WITH CHOICE OF BLADE

<b>DAY</b>	<b>£477.00</b>
<b>WEEKEND</b>	<b>£636.00</b>
<b>WEEK</b>	<b>£795.00</b>

960KG machine fits through standard doorway, zero turn radius, theoretical work rate 1000m2 per shift.

Blades to fit £24.50 each, 12kg gas refill £39.50

## Forced action mixers

### IMER MIX 60 110V



60 LTR FORCED ACTION, TWIN PADDLE MIXER, BUILT IN SAFETY GUARD, REQUIRES A 3 KVA TRANSFORMER mixing a range of substances including mortar, plaster, adhesives and resins for which a special paddle is available. 60 Ltrs

<b>DAY</b>	<b>£75.00</b>
<b>WEEKEND</b>	<b>£100.00</b>
<b>WEEK</b>	<b>£125.00</b>

### BARON M110 3 bag system



120 LTR FORCED ACTION, FOUR PADDLE MIXER WITH BOTTOM DISCHARGE, BUILT IN SAFETY GUARD SWITCH. REQUIRES A 3KVA TRANSFORMER.

SUITABLE FOR SIMILAR RANGE OF MATERIALS AS ABOVE ALTHOUGH LARGER OUTPUT OF MATERIAL YIELDS 60 LTRS. 110V 16AMP

<b>MIN HIRE WEEK</b>	<b>£190.00</b>
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### BARON M200 FORCED ACTION MIXER 110V 32AMP



Force action mixer achieves optimum mixing quality for a variety of compounds from basic cement mortar to specialist screeds and traditional lime based materials. Also suitable for refractories and dense mortar materials  
AVERAGE BATCH TIME OF APPROX 45 SECONDS, YIELDS 120 LTRS

REQUIRES 32AMP 110V SUPPLY  
2.2KW MOTOR, 30 RPM  
DRUM CAPACITY 200LTRS  
DIMENSIONS W 850MM - D 1120MM - H 1280  
WEIGHT 185KG

<b>MIN HIRE WEEK</b>	<b>£290.00</b>
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### BARON 300 FORCED ACTION MIXER 3 PHASE



Heavy duty industrial applications, drum can be emptied using tipping device, used for mixing screeds, polymers, rubber crumb and mortar.

<b>MIN HIRE WEEK</b>	<b>£350.00</b>
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AVERAGE BATCH TIME OF APPROX 45 SECONDS, YIELDS 120 LTRS  
Mixing system automatically stops and starts when machine is opened.





## SPE MIX IT 25 110V

**32 LTR [25KG] CAPACITY STEEL DRUM SUPPLIED NEW  
SALE AT £24.50 EACH.  
REQUIRES A 3KVA TRANSFORMER.**

<b>DAY</b>	<b>£47.40</b>
<b>WEEKEND</b>	<b>£63.20</b>
<b>WEEK</b>	<b>£79.00</b>

**SUITABLE FOR WIDE RANGE OF MATERIALS EPOXY, SCREED,  
REPAIR MORTARS, ADHESIVES, RESINS PLASTICS, SEALANTS PAINTS  
AND POWDERS.**



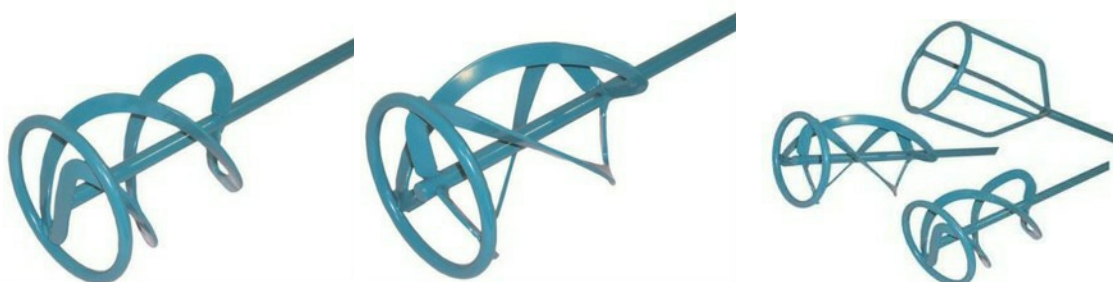
## SPE RG150 HAND MIXING DRILL

**HEAVY DUTY HAND HELD MIXING MACHINE TWO SPEED  
HIGH TORQUE, USES M14 DIRECT THREAD PADDLES 110V  
16AMP**

<b>DAY</b>	<b>£39.00</b>
<b>WEEKEND</b>	<b>£52.00</b>
<b>WEEK</b>	<b>£65.00</b>

## PADDLES TO SUIT (most common)

RK120M14	for coatings, paints, slurry and bagged materials, 120mm	£ 22.00
WK140M14	for adhesives, repair mortar, 2 pack epoxy resin, polyurethane	£ 25.00
MK140M14	for plaster, mortar, latex, cementitious mixes and screeds Gypsum based products and liquid materials,	£ 28.00



## INDUSTRIAL CARPET CLEANING



3 Stage Vac Motor, 7 gallon solution tank, 7 gallon recovery tank, 50ft power cable, 15" brush, suitable for most large carpet and hard surfaces.

<b>DAY</b>	<b>£78.00</b>
<b>WEEKEND</b>	<b>£104.00</b>
<b>WEEK</b>	<b>£130.00</b>

Complete with wander hose, floor tool and upholstery tool  
Chemicals available in 1ltr £5.95 and 5ltr £19.95 sizes



Please Click [HERE](#) for video clip demonstrations of the Polti system

## POLTI STEAM SURFACE CLEANERS

### **Mondial Vap 2000**

Delivers dry steam at 120°C cleaning and eliminating germs from virtually all surfaces in commercial kitchens and most areas, for example tiles, sinks, vinyl floors, ovens, cupboards and windows

<b>DAY</b>	<b>£57.00</b>
<b>WEEKEND</b>	<b>£76.00</b>
<b>WEEK</b>	<b>£95.00</b>



### **Vaporetto Ecoaspira 910**

Is a steam cleaner and vacuum cleaner in one, The versatility allows vacuuming on it's own, steam cleaning on it's own or a combination of vacuuming and steam cleaning. Variable steam power allows fast and easy cleaning of any surface

<b>DAY</b>	<b>£39.00</b>
<b>WEEKEND</b>	<b>£52.00</b>
<b>WEEK</b>	<b>£65.00</b>

## SWEEPERS

1



32"•FLOOR•SWEEPER•PUSH•OPERATED•MANUAL  
DUAL SIDE BRUSHES, 1.4 CUBIC FEET HOPPER,  
Production rate of up to 800m<sup>2</sup> per hour, this is normally used where  
small requirements are needed for waste recovery of debris

<b>DAY</b>	<b>£36.00</b>
<b>WEEKEND</b>	<b>£48.00</b>
<b>WEEK</b>	<b>£60.00</b>

2



900MM FLOOR SWEEPER BATTERY OPERATED  
C/W CHARGER TO HIRE

THIS EQUIPMENT CAN BE USED TO COLLECT DEBRIS AFTER FLOOR  
PLANES OR STR HAS BEEN USED WITH VERY LITTLE DUST, RATE OF  
WORK IS APPROX 2000 SQ MTRS PER HOUR AND HAS CONTINUOUS WORK  
OF APPROX 3 HOURS WITH OVERNIGHT CHARGING. USE ON SMOOTH  
SURFACES DRY ONLY INTERNAL AREAS.

<b>DAY</b>	<b>£135.00</b>
<b>WEEKEND</b>	<b>£180.00</b>
<b>WEEK</b>	<b>£225.00</b>

3



700MM FLOOR SWEEPER BATTERY OPERATED RIDE ON  
C/W CHARGER TO HIRE

Approx rate of work of up to 3000 m<sup>2</sup> per hour with run time of approx  
4 hrs before needs recharging, twelve hour recharge required. Use in  
warehouses and factories not suitable for external car parks etc

<b>DAY</b>	<b>£180.00</b>
<b>WEEKEND</b>	<b>£240.00</b>
<b>WEEK</b>	<b>£300.00</b>

4



PETROL POWERED BRUSH/SWEEPER/COLLECTOR

Self propelled 1000mm width brush detachable 50 ltr collector, side  
action for edge work, use with water for dust suppression  
Use in yards, sports surface, building & construction sites, schools,  
shopping precincts approx 4000m<sup>2</sup> per hour

Excessive wear charge may apply to brushes

<b>DAY</b>	<b>£174.00</b>
<b>WEEKEND</b>	<b>£232.00</b>
<b>WEEK</b>	<b>£290.00</b>

## Large Ride on sweepers

<u>MODEL</u>	<u>Short Term Hire Rate 1-4wks, price per week</u>	<u>Long Term Hire Rate 5wks plus, price per week</u>
<p>Diesel/battery/lpg ride on sweeper 700mm sweep, approx coverage up to 6'000m<sup>2</sup> per hour 6200</p> 	<p><b>£350.00</b> <b>per week</b> <b>&amp;</b> <b>wear charge</b> <b>on brushes</b></p>	<p><b>£325.00</b> <b>per week</b> <b>&amp;</b> <b>wear charge</b> <b>on brushes</b></p>
<p>Diesel/lpg ride on sweeper 900mm sweep, approx coverage up to 12'000m<sup>2</sup> per hour 6400</p> 	<p><b>£450.00</b> <b>per week</b> <b>&amp;</b> <b>wear charge</b> <b>on brushes</b></p>	<p><b>£395.00</b> <b>per week</b> <b>&amp;</b> <b>wear charge</b> <b>on brushes</b></p>
<p>Diesel ride on sweeper 1200mm sweep approx coverage up to 15'000m<sup>2</sup> per hour, 355</p>	<p><b>£595.00</b> <b>per week</b> <b>&amp;</b> <b>wear charge</b> <b>on brushes</b></p>	<p><b>£475.00</b> <b>per week</b> <b>&amp;</b> <b>wear charge</b> <b>on brushes</b></p>

## Scrubber/driers- SMALL

1



### MULTIWASH

The Multiwash offers quiet, high quality cleaning performance, versatility, ease of use, product quality and durability. The Multiwash will wash, mop, scrub and dry in a single pass on virtually every kind of floor. Due to the compact size of the Multiwash it can be used under furniture and work surfaces without the need to bend down, and offers wall to wall cleaning in even the tightest corners. The Multiwash can also be used on travelators, escalators and entrance matting

<b>DAY</b>	<b>£108.00</b>
<b>WEEKEND</b>	<b>£144.00</b>
<b>WEEK</b>	<b>£180.00</b>

2



### 17" 240V or 110V SCRUBBER DRIER

SINGLE BRUSH 425MM WIDTH,

<b>DAY</b>	<b>£120.00</b>
<b>WEEKEND</b>	<b>£160.00</b>
<b>WEEK</b>	<b>£200.00</b>

APPROX RATE OF WORK IS 1000 SQMTRS PER HOUR. A RANGE OF BRUSHES and PADS CAN BE FITTED TO SUIT MOST APPLICATIONS BUT MUST ALWAYS BE USED WET. IN GENERAL THIS EQUIPMENT IS USED AS AN AFTERCARE MACHINE AND WHERE GOOD SURFACE EXISTS.

3



### 17" BATTERY OP SCRUBBER DRIER

SINGLE BRUSH 425MM WIDTH, - 240V CHARGING

<b>DAY</b>	<b>£150.00</b>
<b>WEEKEND</b>	<b>£200.00</b>
<b>WEEK</b>	<b>£250.00</b>

APPROX RATE OF WORK IS 1000 SQMTRS PER HOUR WITH 3 HOURS RUN TIME AND RECHARGEABLE OVERNIGHT. A RANGE OF BRUSHES and PADS CAN BE FITTED TO SUIT MOST APPLICATIONS BUT MUST ALWAYS BE USED WET. IN GENERAL THIS EQUIPMENT IS USED AS AN AFTERCARE MACHINE AND WHERE GOOD SURFACE EXISTS.



## SCRUBBER DRIERS- LARGE



34"•BATTERY•OP•SCRUBBER•DRIER•TO•HIRE, 2•X•BRUSHES  
400MM WIDTH,

Approx rate of work is 2000m<sup>2</sup> per hour with 3 to 5 hrs run time, rechargeable overnight a range of pads can be fitted to suit most applications but must always be used wet.

Excess waste is removed as machine moves along by suction which can then be disposed into drain. Floor dries in about 30mins

<b>DAY</b>	<b>£192.00</b>
<b>WEEKEND</b>	<b>£256.00</b>
<b>WEEK</b>	<b>£320.00</b>

Machine shown may not be same supplied, but spec will be the same



SMALL•RIDE•ON•SCRUBBER•DRIER, 36"•WIDTH,  
BATTERY OPERATED,

REQUIRES A 240V POWER SUPPLY FOR THE CHARGER TO OPERATE WITH,  
APPROX RATE OF WORK IS UP **TO 2500m<sup>2</sup> PER HOUR** WITH 4 HOURS RUN  
TIME AND RECHARGED OVER NIGHT.

Excess waste is removed as machine moves along by suction which can then be disposed into drain. Floor dries in about 30mins

<b>DAY</b>	<b>£210.00</b>
<b>WEEKEND</b>	<b>£280.00</b>
<b>WEEK</b>	<b>£350.00</b>

Machine shown may not be same supplied, but spec will be the same

<b>Environmentally Friendly Chemicals</b>	<b>1LTR</b>	<b>5LTR</b>	<b>30LTR</b>
<b>MULTI5000 GENERAL PURPOSE</b> (Water based biodegradable)	<b>£4.95</b>	<b>£15.95</b>	<b>£49.00</b>
<b>SHIPMATE SOLVENT FREE DEGREASER</b> (Water based, solvent free, biodegradable)	<b>£5.95</b>	<b>£19.50</b>	<b>£79.00</b>
<b>RUBBER TYRE MARK REMOVER</b> (Seaweed based product)	<b>1LTR £15.50</b>	<b>5LTR £45.00</b>	<b>20TLR £83.00</b>

*Coshh data sheets available on request*

To arrange any of the above please contact us on 01633 619129 or visit our website  
at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)

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## Large scrubbers ride on (min week)

<u>MODEL</u>	<u>Short Term Hire Rate 1-4wks, price per week</u>	<u>Long Term Hire Rate 5wks plus, price per week</u>
<b>BATTERY ride on scrubber, 1000mm, approx coverage 3500m2 per hour, 7200 TENNANT</b>  	<p style="text-align: center;"><b>£450.00 PER WEEK</b></p> <p style="text-align: center;">Excessive wear on brushes and squeegee may be charged for</p>	<p style="text-align: center;"><b>£395.00 PER WEEK</b></p> <p style="text-align: center;">Excessive wear on brushes and squeegee may be charged for</p>
<b>CSS-82-48"•WIDTH RIDE ON SCRUBBER WITH PRE SWEEP</b> approx coverage 4000m2 per hour  	<p style="text-align: center;"><b>£595.00 PER WEEK</b></p> <p style="text-align: center;">Excessive wear on brushes and squeegee may be charged for</p> <p style="text-align: center;"><u>This model has pre sweep facility for general use as it scrubs</u></p>	<p style="text-align: center;"><b>£535.00 PER WEEK</b></p> <p style="text-align: center;">Excessive wear on brushes and squeegee may be charged for</p>
<b>LPG or DIESEL ride on scrubber /drier 1450mm path, approx coverage 6000m2 per hour7400</b>  	<p style="text-align: center;"><b>£695.00 PER WEEK</b></p> <p style="text-align: center;">Excessive wear on brushes and squeegee may be charged for</p>	<p style="text-align: center;"><b>£595.00 PER WEEK</b></p> <p style="text-align: center;">Excessive wear on brushes and squeegee may be charged for</p>

All machines put water and chemicals onto floor then scrub and remove by suction into  
waste tank

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at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk) TECHNICAL GUIDE 2012

## PRESSURE WASHERS AND SAND BLASTING



PETROL 1600 PSI COMPACT PORTABLE PRESSURE WASHER  
SUCTION FEED C/W HOSE AND STRAINER

<b>DAY</b>	<b>£99.00</b>
<b>WEEKEND</b>	<b>£132.00</b>
<b>WEEK</b>	<b>£165.00</b>

additional 8mtr length hp hose £28.00 week each  
light weight portable machine



DIESEL 2500PSI COMPACT PORTABLE PRESSURE WASHER  
SUCTION FEED C/W HOSE AND STRAINER

<b>DAY</b>	<b>£120.00</b>
<b>WEEKEND</b>	<b>£160.00</b>
<b>WEEK</b>	<b>£200.00</b>

additional 8mtr length hp hose £28.00 week each



SAND BLASTING ATTACHMENT FOR ABOVE  
£55.00 PER WEEK  
DRY SAND PER 25KG BAG £12.00



ROTOWASH ATTACHMENT FITS ANY OF THE ABOVE  
600MM  
£165.00 PER WEEK



TURBO ATTACHMENT FOR ABOVE £45.00 PER WEEK



TOWABLE WASHER/BOWSER 1100 LTR  
CAPACITY, 2500 PSI DIESEL PRESSURE  
WASHER FITTED.

<b>DAY</b>	<b>£177.00</b>
<b>WEEKEND</b>	<b>£236.00</b>
<b>WEEK</b>	<b>£295.00</b>

Uses approx 15ltr per min, runs on full tank for up  
to one hour

To arrange any of the above please contact us on 01633 619129 or visit our website  
at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)

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## 17"•High•Quality•Floor•Pads

**BLACK** - Heavy duty stripping, quickly removes dirt, wax, floor finish and sealers. For use with any stripping agent.

**GREEN** - Light stripping and wet scrubbing. Thoroughly removes dirt and scuff marks.

**BLUE** - Wet scrubbing or heavy duty spray cleaning. Gives the floor a thorough scrubbing removing dirt and scuffs. Will remove top of surface finish ready for re-coating.

**RED** - Use for smooth shiny finish whilst removing light dirt. The typical spray cleaning/buffing pad.

**TAN** - Dry polishing/buffing pad. Removes light dirt whilst shining floors. Especially good in light traffic areas.

**WHITE** - Supreme fine pad for polishing dry floors. Use with soft finishes for superior polish. Excellent on softly waxed floors. Produces high gloss finish.

**PINK** - Ultra high speed cleaning pad with exceptional dimensional stability for use with ultra high speed machines. Will remove light dirt whilst maintaining high gloss finish.

**£9.50 each or £39.50 box 5**



## SCRUBBERS AND POLISHERS

### SCRUBBERS



Single head • 110v or 240v scrubbers • 15/17”  
dust control and water tanks available on  
request.

DAY	<b>£39.00</b>
WEEKEND	<b>£52.00</b>
WEEK	<b>£65.00</b>



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### HI SPEED POLISHERS

A 1.5 hp direct drive motor and 2000 rpm burnishing speed  
provide high gloss shine



110V 16amp, comes with choice of nylon brush or  
stabi pad for coloured pads.  
Pads supplied on sale/return basis

DAY	<b>£39.00</b>
WEEKEND	<b>£52.00</b>
WEEK	<b>£65.00</b>



Terrazzo, Marble grinding and polishing, Adhesive removal



## **Wirbel Candia 43 110v 32a**

16" Circular pad with Velcro resin bonded diamonds, will grind, renew and finish most terrazzo and granolithic floors.

Aztec will prepare power floated floors and paint.

<b>DAY</b>	<b>£72.00</b>
<b>WEEKEND</b>	<b>£96.00</b>
<b>WEEK</b>	<b>£120.00</b>

Can be used wet or dry,

Dust pod extra £49.00 week

Drive plate hire £25.00 week

Water tank hire £25.00 week

## **Accessories**

Tungsten discs hire per week £49.00

Suitable for general concrete prep and light paint and light adhesive removal when used wet.

For concrete grinding prior to polishing

Twin button shoe set of six on plate

Charge per mm per plate £10.00, minimum of 1mm or if worn out £59.00 per plate.

For terrazzo cleaning/grinding/polishing

Velcro resin polymer diamonds set of six, grades 60g, 120g, and 220g

Charge per mm per plate £9.00, minimum of 0.5mm or if worn out £49.00 per plate.

For power floated floors or flatten paint and tiles

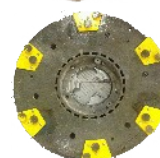
Velcro Aztec diamonds set of three-grade coarse/med/fine Charge per plate £49.00 per week per head (x 3) or if worn out £99.00 each.

Suitable for latex line removal and trowel marks

Abrasive discs double sided sale from £9.50 each

For wooden floors

Range of double sided carb discs £9.50 each or sandscreen discs £7.95 each normally used as final finish after drum sander has been used.



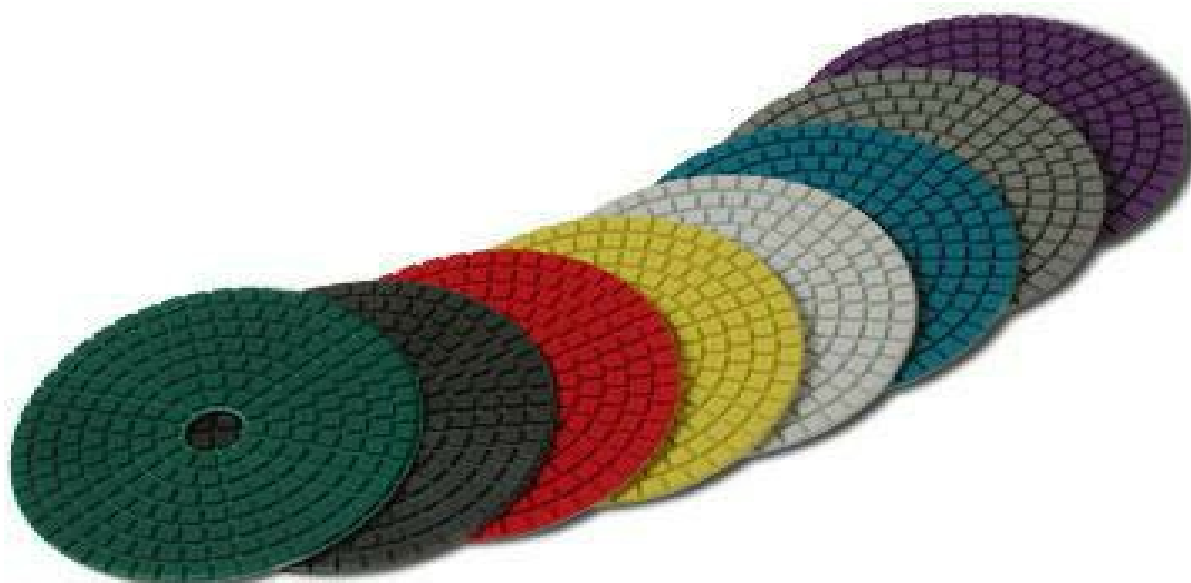
## **HAND HELD DIAMOND POLISHING**

### **DIAMOND HAND POLISHER 110V 100MM EPN1301**

Uses Velcro pads to give smooth finish to terrazzo and marble polishing, must be used wet via direct feed through water swivel to head.

<b>DAY</b>	<b>£39.00</b>
<b>WEEKEND</b>	<b>£52.00</b>
<b>WEEK</b>	<b>£65.00</b>

Pads charged on sale if used £29.00 each 50 grit to 3000 grit



## Airless & Cement Sprays

### ***TITAN 440I AIRLESS SPRAY110Vc/w hose and gun***



This versatile, portable and highly reliable sprayer weighs only 15 kgs. It is ideal for one gun residential and maintenance applications.

**Materials to be sprayed:** Stains, lacquers, enamels, multicolours, emulsion and smooth masonry paints , at 1.8lpm

<b>DAY</b>	<b>£126.00</b>
<b>WEEKEND</b>	<b>£168.00</b>
<b>WEEK</b>	<b>£210.00</b>

must be returned clean after use or charge applies

### ***TITAN 640I AIRLESS SPRAY 110Vc/w hose and gun***



The 640i is ideal for medium to large production residential, medium commercial or medium maintenance applications. Materials to be sprayed: Stains, lacquers, enamels, multicolours, heavier oil-based paints, emulsion and smooth masonry paints.

<b>DAY</b>	<b>£159.00</b>
<b>WEEKEND</b>	<b>£212.00</b>
<b>WEEK</b>	<b>£265.00</b>

must be returned clean after use or charge applies

### ***LARGE HEAVY DUTY AIRLESS SPRAY C/W HOSE AND GUN***



The is a large contract sprayer and can be used for wide range of materials inc heavy coatings and fire retardent paint.

<b>DAY</b>	<b>£177.00</b>
<b>WEEKEND</b>	<b>£236.00</b>
<b>WEEK</b>	<b>£295.00</b>

### **SPRAY TIP CHART Range of tips to suit most application reversible £29.95 EACH**

LIGHT - Varnishes/clear laquer/sanding sealers/ shellac/ clear stains/ water sealers  
 MEDIUM - Solid stains/exterior & interior house paints/ internal & external primers  
 HEAVY - Commercial paint/ architectural coatings/ dry fall/ one coat paints  
 EXTRA HEAVY - Elastomerics / pigment waterproofers / block filler



511 to 513  
 515 to 519  
 519 to 523  
 521 to 531

ADDITIONAL 10MTR SPRAY HOSE AND COUPLER



SPRAY POLES - EXTENSIONS 1MTR EACH



£30.00 WEEK

To arrange any of the above please contact us on 01633 619129 or visit our website  
 at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)

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## Power supply – transformer, ext leads, generators

### **TRANSFORMERS – range of portable and hard wire**



**3KVA RATED 2.2**

DAY	<b>£9.60</b>
WEEKEND	<b>£12.80</b>
WEEK	<b>£16.00</b>



Use with floor grinders and planers, each appliance will require its own transformer and good 240v power source

**5KVA RATED 2.8**

DAY	<b>£16.80</b>
WEEKEND	<b>£22.40</b>
WEEK	<b>£28.00</b>



Can be used to run two appliances direct at source or via 30 kva generator to give 110v power inside building.

**10KVA WIRE IN 3 PHASE**

DAY	<b>£40.80</b>
WEEKEND	<b>£54.40</b>
WEEK	<b>£68.00</b>

### **EXTENSION LEADS- heavy duty to help run grinders etc**



**16AMP 110V 2.5MM 14M LONG**

DAY	<b>£4.20</b>
WEEKEND	<b>£5.60</b>
WEEK	<b>£7.00</b>



Heavy duty should help prevent power problems on site as can handle larger load.

**32AMP 110V 4MM 14M LONG**

DAY	<b>£9.00</b>
WEEKEND	<b>£12.00</b>
WEEK	<b>£15.00</b>



www.EventRent.co.uk

**16 OR 32AMP 3PHASE 15M LONG**

DAY	<b>£18.00</b>
WEEKEND	<b>£24.00</b>
WEEK	<b>£30.00</b>

### **GENERATORS- range of portable and towable units for hire**



5KVA DIESEL SILENCED WILL RUN MOST SMALL GRINDERS, MULTI SOCKET OUTLET, ELECTRIC START

DAY	<b>£117.00</b>
WEEKEND	<b>£156.00</b>
WEEK	<b>£195.00</b>



20 KVA TOWABLE 3PHASE TO RUN LARGER GRINDERS OR CAN BE USED WITH TRANSFORMER ABOVE FOR 110V

DAY	<b>£150.00</b>
WEEKEND	<b>£200.00</b>
WEEK	<b>£250.00</b>



30KVA TOWABLE 3PHASE TO RUN BLAST MACHINES OR VIA A 10KVA TRANSFORMER TO RUN SITE SUPPLY  
Diesel charged extra per ltr used on all item

DAY	<b>£210.00</b>
WEEKEND	<b>£280.00</b>
WEEK	<b>£350.00</b>

**Other size generators available from 50kva to 250kva skid mounted**

To arrange any of the above please contact us on 01633 619129 or visit our website  
at [www.whsurfacepreparation.co.uk](http://www.whsurfacepreparation.co.uk)

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