



Hazardous Safety Products Ltd

Specialists in Decontamination Solutions

Product Brochure



Protecting Your Workforce

About us...



Hazardous Safety Products (HSP) are a newly formed company who manufacture specialised equipment predominantly for the asbestos removal industry but also for other industries where decontamination equipment is required.

We have over 100 years` combined experience within the asbestos removal industry on a global scale prior to forming HSP in 2017.

From our manufacturing premises in Wigan HSP offer a full range of in house manufactured Negative Pressure Units, Roving Heads, Water Management Systems, Modular Shower systems, equipment locks and decontamination trailers as well as providing bespoke design and manufacture options for the client.

HSP are a Distributor for Blastrac UK and as such offer a full range of Blastrac Floor Grinding Equipment, blades and accessories. Our operatives have also been trained by Blastrac to carry out servicing and repairs of their equipment.

We also offer solutions for Service, Test & Repair of customers own equipment to ensure compliance as well as providing options for rental of specialised equipment utilising our sister company HSP Site Supplies Ltd.

To compliment this we also stock RPE, PPE, Polythene reels, Asbestos Waste Bags, Tapes, and much more...

We have experience in...

- Design & Manufacture
- Bespoke Solutions
- Service, Test & Repair
- Import & Export
- RPE Selections
- PPE Selection
- Decontamination Systems
- Blastrac Floor Grinding Systems

We Manufacture ...

- Negative Pressure Units
- Roving Head Kits
- Equipment Locks
- Modular Shower Units
- Water Management Systems
- Pump Filtration Units

We can service

- Negative Pressure Units
- Water Management Systems
- H Type Vacuums
- Pump Filtration Units
- Blastrac Floor Grinding Equipment
- Masks and accessories
- Decontamination Units

We sell....

- HSP Manufactured Equipment & Accessories
- Blastrac Floor Grinding Equipment & Accessories
- Respiratory Equipment
- General PPE
- Polythene Sheeting and waste sacks
- Tapes, Adhesives and sealants

And finally we offer for free....

- Quality of service
- Honesty & reliability
- Competitive Rates
- Technical Advice
- If we can help we will



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NEGATIVE PRESSURE UNITS

110v Negative Pressure Units

HSP manufacture in house a full range of Negative Pressure Units. Constructed of polypropylene these units are lightweight and easy to clean. The units are highly manoeuvrable and conform to BS8520.



Rear view - HSP8000 STD 110v



Front view - HSP5000 STD 230v



Rear view - HSP5000 STD 110v

Product Code	Description
NPU800STD110	HSP Neg Pressure Unit 800 STD 110v
NPU2500STD110	HSP Neg Pressure Unit 2500 STD 110v
NPU5000STD110	HSP Neg Pressure Unit 5000 STD 110v
NPU8000STD110	HSP Neg Pressure Unit 8000 STD 110v

Technical Specifications

Code	NPU400MOD110	NPU2500STD110	NPU5000STD110	NPU8000STD110
Descripton	HSP Neg Pressure Unit 400 STD 110v	HSP Neg Pressure Unit 2500 STD 110v	HSP Neg Pressure Unit 5000 STD 110v	HSP Neg Pressure Unit 8000 STD 110v
Supply Voltage	110v@50hz	110v@50hz	110v@50hz	110v@50hz
Run Current	1a	14a	14a x 2 1	4a x 3
Motor Output	112W	1000w	1000w x 2	1000w x 3
RPM	1800	2770	2770	2770
Temperature Range	-40°C to +80°C	-20°C to +80°C	-20°C to +80°C	-20°C to +80°C
On/Off Switch	No	1	2	3
Speed Control	No	No	No	No
Digital Hour Counter	No	Yes	Yes	Yes
Manometer	Yes	Yes	Yes	Yes
Digital Airflow Meter	No	No	No	No
Thermal Cutout	Yes	Yes	Yes	Yes
Nominal Airflow	320 m³/hour	2100 m³/hour	5300 m³/hour	8500 m³/hour
Decibels Max	@ <1m 78db Max	@ <1m 85db Max	@ <1m 89db max	@ <1m 92db
Height	455mm	575mm	835mm	1275mm
Width	370mm	500mm	730mm	730mm
Length	635mm	895mm	1060mm	1060mm
Weight	20kg	47kg	78kg	105kg
HEPA Type	H14	H14	H14	H14
HEPA Efficiency	99.995%	99.995%	99.995%	99.995%
HEPA Dimensions	305mm x 305mm x 69mm	381mm x 381mm x 292mm	610mm x 610mm x 292mm	610mm x 915mm x 292mm
Prefilter Type	G4	G4	G4	G4
Prefilter Dimensions	292mm x 292mm x 47mm	368mm x 368mm x 98mm	592mm x 592mm x 98mm	595mm x 895mm x 95mm
Exhaust Size	200mm diameter	300mm diameter	400mm diameter	400mm diameter x 2
Accessories		HSP Roving Head Kit 2500	HSP Roving Head Kit 5000	HSP Roving Head Kit 8000

NEGATIVE PRESSURE UNITS

240v Negative Pressure Units

All HSP manufactured units are fully tested and certified in house so you can simply plug & play...



Side view – HSP800STD230V



Front View – HSP2500STD230V



Front View – HSP8000STD230V

Product Code	Description
NPU400MOD230	Hsp Neg Pressure Unit 400 STD 230v
NPU800STD230	HSP Neg Pressure Unit 800 STD 230v
NPU2500STD230	HSP Neg Pressure Unit 2500 STD 230v
NPU5000STD230	HSP Neg Pressure Unit 5000 STD 230v
NPU8000STD230	HSP Neg Pressure Unit 8000 STD 230v

Technical Specifications

Code	NPU400MOD230	NPU800STD230	NPU2500STD230	NPU5000STD230	NPU8000STD230
Description	HSP Neg Pressure Unit 400 STD 230v	HSP Neg Pressure Unit 800 STD 230v	HSP Neg Pressure Unit 2500 STD 230v	HSP Neg Pressure Unit 5000 STD 230v	HSP Neg Pressure Unit 8000 STD 230v
Supply Voltage	230v@50hz	230v@50hz	230v@50hz	230v@50hz	230v@50hz
Run Current	0.5a	3a	7a	7a x 2	7a x 3
Motor Output	105W	400W	1000w	1000w x 2	1000w x 3
RPM	1400	2060	2770	2770	2770
Temperature Range	-40°C to +80°C	-20°C to +80°C	-20°C to +80°C	-20°C to +80°C	-20°C to +80°C
On/Off Switch	No	1	1	2	3
Speed Control	No	Yes	Yes	Yes	No
Digital Hour Counter	No	Yes	Yes	Yes	Yes
Manometer	Yes	Yes	Yes	Yes	Yes
Digital Airflow Meter	No	No	No	No	No
Thermal Cutout	Yes	Yes	Yes	Yes	Yes
Nominal Airflow	320 m³/hour	720 m³/hour	2100 m³/hour	5300 m³/hour	8500 m³/hour
Decibels Max	Max @ <1m 78db	Max @ <1m 80db	Max @ <1m 85db	Max @ <1m 89db	Max @ <1m 92db
Height	455mm	450mm	575mm	835mm	1275mm
Width	370mm	470mm	500mm	730mm	730mm
Length	635mm	425mm	895mm	1060mm	1060mm
Weight	20kg	20kg	47kg	78kg	105kg
HEPA Type	H14	H14	H14	H14	H14
HEPA Efficiency	99.995%	99.995%	99.995%	99.995%	99.995%
HEPA Dimensions	305mm x 305mm x 69mm	305mm x 305mm x 117mm	381mm x 381mm x 292mm	610mm x 610mm x 292mm	610mm x 915mm x 292mm
Prefilter Type	G4	G4	G4	G4	G4
Prefilter Dimensions	292mm x 292mm x 47mm	292mm x 292mm x 47mm	368mm x 368mm x 98mm	592mm x 592mm x 98mm	595mm x 895mm x 95mm
Exhaust Size	200mm diameter	200mm diameter	300mm diameter	400mm diameter	400mm diameter x 2
Accessories			HSP Roving Head Kit 2500	HSP Roving Head Kit 5000	HSP Roving Head Kit 8000

MODULAR SHOWER SYSTEMS

HSP manufacture modular shower systems to meet current UK regulations as well as designs for European and AS/NZ local legislation.

Our modular systems are manufactured from robust 6mm composite panels comprising of a composite polymer core sandwiched between aluminium skins.

We are also able to offer bespoke solutions with this type of material.

These modular units are designed to be quick and easy to assemble.



Product Code	Description
MODNL	Modular Shower 3 Stage 1m w x 3m l x 2m h -NL
MODNZ	Modular Shower 3 Stage 1m w x 3m l x 2m h -NZ
MODUK	Modular Shower 3 Stage 1m w x 3m l x 2m h -UK
MODFR	Modular Shower 5 Stage 1m w x 5m l x 2m h -NL

HSP also manufacture equipment locks and waste systems using the same robust composite panels.

Using this material we have built several bespoke solutions for our customers in UK as well as Europe.

Product Code	Description
EQUIP0002	Equipment Lock - 2 Stage - 3m x 1.6 m x 2m h



WATER MANAGEMENT SYSTEMS

The HSP range of WMS are constructed from polypropylene with a steel frame which gives strength and durability. The water tanks we fit are made from a preformed polyethylene material giving further strength and reduced risk of leaks.

Product Code	Description
WMS25L240	HSP WMS 25 Litre Water Management System 240v
WMS50L240	HSP 50 Litre Water Management System 230v
WMS140L240	HSP 140 Litre Water Management System 230v
WMS140L110	HSP 140 Litre Water Management System 110v
WMS200L110	HSP 200 Litre Water Management System 110v



Product Code	Description
WATER0001	Water Filter 5 Micron 10 Inch
WATER0002	Water Filter 25 Micron 10 Inch
WATER0005	SW1 Pentak Spanner for No 5 & Slimline Housings
PUMP0009	Aquatec 110v A5502-1E77-B656
PUMP0010	Aquatec 240V A5503-1E77-V706

Technical Specifications

Code	WMS50L240	WMS140L240	WMS140L110	WMS200L110
Description	HSP 50 Litre Water Management System 230v	HSP 140 Litre Water Management System 230V	HSP 140 Litre Water Management System 110v	HSP 200 Litre Water Management System 110v
Power Supply Voltage	230v @ 50 hz	230v @ 50 hz	110v @ 50 hz	110v @ 50 hz
Power Run Current	16a	16a	32a	32a
Controls	On/Off Switch	On/Off Switch	On/Off Switch	On/Off Switch
Controls	Temperature Control	Temperature Control	Temperature Control	Temperature Control
Controls	Waste Pump Manual Run Switch	Waste Pump Manual Run Switch	Waste Pump Manual Run Switch	Waste Pump Manual Run Switch
Protection	Mini Circuit Breaker	Mini Circuit Breaker	Mini Circuit Breaker	Mini Circuit Breaker
Protection	Pump	Pump	Pump	Pump
Protection	Immersion Heater	Immersion Heater	Immersion Heater	Immersion Heater
Immersion Heater Power	3000W	3000W	2 x 1500W	2 x 1500W
Immersion Heater Current	13a	13a	2 x 14a	2 x 14a
Immersion Heater Protection	Mini Circuit Breaker	Mini Circuit Breaker	Mini Circuit Breaker	Mini Circuit Breaker
Shower & Waste Pump Power	200w (Each)	200w (Each)	200w (Each)	200w (Each)
Shower & Waste Pump Current	0.85a (Each)	0.85a (Each)	1.5a (Each)	1.5a (Each)
Shower & Waste Pump Protection	Mini Circuit Breaker	Mini Circuit Breaker	Mini Circuit Breaker	Mini Circuit Breaker
Noise	60 db	60 db	60 db	60 db
Dimensions Height	990mm	1200mm	1200mm	1220mm
Dimensions Width	620mm	720mm	720mm	640mm
Dimensions Length	900mm	1000mm	1000mm	1150mm
Dimensions Weight	55kg	70kg	70kg	80kg
Filtration	Twin - 25 & 5 micron	Twin - 25 & 5 micron	Twin - 25 & 5 micron	Twin - 25 & 5 micron
Filter Size	10 inch	10 inch	10 inch	10 inch

DECONTAMINATION UNITS AND TRAILERS

HSP are now manufacturing decontamination units and welfare trailers. All units are built to meet local legislation and European type approvals.

Models Currently in our range:

- TRAILER0100 HSP Quad 4.2m DCU-Gas-Twin Axle-Self Contained
- TRAILER0120 HSP Twin 3.0M DCU-Gas- Single Axle -Self Contained
- TRAILER0150 HSP Weldecon 4.2m -Twin Axle - Self Contained

We can also offer bespoke designs

Buying a decontamination is a big investment - HSP work closely with a finance company that may be able to assist you with your purchase - contact us for further details.

TRAILER0100 - HSP Quad 4.2m DCU- Gas-Twin Axle-Self Contained

The HSP Quad is a fully self-contained. The HSP Quad is fitted with a petrol generator and twin water tanks so can be used in remote locations as well as on mains supply. The unit is fitted with four showers so can cater for up to sixteen workers.



External Features include

- Suzy cable for towing
- 4 x Corner Steadies
- Sliding Lockable Steps
- Braked tow hitch assembly
- Twin Axle – 2000kg GVW
- External Water Filling Point
- Integrated LPG Storage and connection
- Twin Integrated water filtration system & spanner – 2 x outlets
- Integrated petrol generator on sliding shelf
- Integrated fresh water pump for supply to system
- Integrated fresh water pump for filling water tank from external bowser
- Combination Door Locks
- T Bar Cupboard Locks
- Hot & Cold Water Drainage Points front & rear
- 4 x Grab Handles

Clean Internal Features include

- 16 Lockers with power socket – lockable with padlock
- 16 Hooks
- 1 mirror
- 12V LED Lighting PIR
- Over Voltage Protection
- Water Tank Level Indicator
- Tubular Heater with guard
- Fan Heater
- Integrated Bench
- Earth Rod Holder
- LPG Room Sealed Boiler
- Electric RCD Protection
- Water Drainage Trap
- Self-closing Doors With Vents
- Easy Clean Walls & Floors

Electrical Specifications

Supply Voltage	230v @ 50/60Hz
Mains Input Max.:	
Current Draw	16A
12V Led Lighting	PIR Activated
Rinnai 50HD-LPG LPG Gas Boiler Water Heater:	
Electronic Control	80 Watt
	15 litre/min
Approvals	CE
Honda Power	
Generator - Petrol	2.7 Kva (2.2kw)
Approvals	CE
Negative Pressure Unit	240 watt/(1.05A)
Approvals	CE
Heating:	
Clean Room	1000 watt/(6 A)-Blower
Dirty Room	130 watt/(0.5A)- Tubular
Water Supply Pump	600 watt (3A)
Approvals	CE
Waste Water Pumps	200 watt- /0.95A -Each
Filtration Specification	2 x 25 Micron & 2x 5 Micron
Approvals (Pump)	CE

Negative Pressure Unit

Pre-filter Size	292 mm x 292 mm x 47 mm
Pre-filter Efficiency	EU4
HEPA Filter Size	305 mm x 305 mm x 117 mm
HEPA Filter Efficiency	0.995%
Temperature Range	0 to +45°C
Controls	On/Off Switch
Protection	RCD
Air Flow rate:	
(DCU operating conditions) 450 m ³ /hr	

Dimensions & Weights

Body Length	4200mm
Length Inc. A Frame & Coupling	5750mm
Width	2075mm
Overall Height:	
From Ground	2590mm
Gross Laden Weight	2000 kg
Un- Laden Weight	1650 kg

Internal Dimensions

Dirty End	1290mm x 2000mm
Shower Room	1400mm x 2000mm
Clean End	1450mm x 2000mm
Water Tank Capacity	2 x 250 Litre
Shower Heads	4

Shower Room Features include

- Twin water tanks 250 Litre each (500 total)
- Extra Tank Filling Point Internal
- 2 x sinks
- 4 x Thermostatic Mixer Bars and shower head
- 8 x Hooks
- Mirror
- 12V Led Lighting PIR
- Waste Water Filtration Start Button (12V)
- Water Drainage Trap
- Self-closing Doors With Vents
- Easy Clean Walls & Floors



Dirty End Features include

- Free standing Negative pressure unit with hinged transit plate
- Integrated Bench
- Tubular Heater
- 12V Led Lighting PIR
- Water Drainage Trap
- 16 x hooks
- Mirror
- Self-closing Doors With Vents
- Easy Clean Walls & Floors

NUMATIC H TYPE VACUUMS

The Numatic International range of HZ vacuum cleaners has been specifically designed to meet stringent requirements of industries where it is necessary to vacuum dusts that could constitute a health hazard.

Technical Specifications

Model	HZ200	HZ370	HZ570
Motor	960 Watt	960 Watt	960 Watt
Airflow	48 Litres/sec	48 Litres/sec	48 Litres/sec
Capacity	8 Litres	15 Litres	23 Litres
Filter	HEPA Filter Unit	HEPA Filter Unit	HEPA Filter Unit
Cleaning Range	26.8m	26.8m	26.8m
Weight	11Kg	11Kg	18Kg
Size	355 x 355 x 520mm	355 x 355 x 570mm	355 x 355 x 746mm

Product Code	Description
NUMAT0010	Numatic HZ200 110V
NUMAT0011	Numatic HZ200 230V
NUMAT0012	Numatic HZ350 110V
NUMAT0013	Numatic HZ370 230V
NUMAT0014	Numatic HZ570 110V
NUMAT0015	Numatic HZ570 230V

Product Code	Description
NUMAT0030	Vacuum Hose 5.0m Black
NUMAT0031	Vacuum Hose 2.5m Black
NUMAT0032	Vacuum Hose 2.5m Yellow
NUMAT0035	Vacuum Brush 65mm C/W Adaptor
NUMAT0036	Vacuum 3-Piece Wand Set
NUMAT0037	Vacuum Crevice Tool
NUMAT0038	Vacuum Floor Tool T-Piece
HEPA0050	Hepa Flow Bag 2B
HEPA0051	Hepa Flow Bag 3B
NUMAT0001	Tritex Bag Filter 305mm
NUMAT0002	Primary Permatex Filter Bag 356mm
NUMAT0003	Simplex Micro Hepa Cartridge 604124
NUMAT0004	Duplex Micro Hepa Cartridge 604125

BLASTRAC FLOOR GRINDING EQUIPMENT



Blastrac is the market leader in the production of single disc floor grinding machines. They have a solid reputation for quality of work produced on industrial, and decorative flooring, but also in decontamination and demolition markets.

Product Code	Description
FLOOR0001	Blastrac BGS250 Single Head Grinder 110v
FLOOR0002	Blastrac BDC1330LP 110v
FLOOR0003	Blastrac BDC133 H Type Extractor
FLOOR0005	BG250 E Floor Grinder 400v
FLOOR0007	Blastrac BGV180AV Hand Grinder & Shroud 110v

Product Code	Description
FLOOR0010	Blackstar Grinding Disc BG707114
FLOOR0011	PCD Floor Grinding Disc BG707250-1
FLOOR0015	PCD Cup Disc 180mm BG707198
FLOOR0016	Black Cup Disc 180mm-BG707110

Product Code	Description
FLOOR0020	52mm Hose for Floor Grinder Per Metre
FLOOR0021	76mm Hose for Floor Grinder Per Metre



Technical Specifications

Model	BGS250 Floor Grinder	BG250E Floor Grinder	BDC1330LP Dust Collector	BDC133H Dust Collector
Voltage	110v	400v	110v	110v
Amps	32a	16a	32a	32a
Kilowatts	1.2Kw	5.5Kw	3.3Kw	3.3Kw
Phase	Single Phase	3 Phase	Single Phase	Single Phase
Length	1180mm	1301mm	600mm	600mm
Width	520mm	458mm	800mm	800mm
Height	1120mm	1106mm	1580mm	1650mm
Weight	70kg	146kg	71kg	73kg
Blade Size	250mm	250mm	N/A	N/A
RPM	800RPM	1920RPM	N/A	N/A
Airflow	N/A	N/A	450m³/hr	390m³/hr
Filter Type	N/A	N/A	M Class	H14