

SPE 9E super

autoblast



The SPE 9E Super Autoblast machine is mainly used for the preparation of concrete floors but is equally effective on steel surfaces.

A small compact machine suitable for the smaller contractor 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 and leaves an ideal surface for coatings and overlays to be applied. Available in 110v, 220v, 380/415v 50hz/60hz.

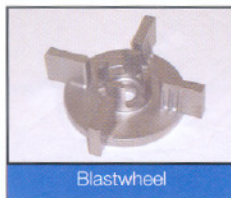
Specification 9E Blast Machine				
Type	Electric Single Phase		Three Phase	
	110v	220v	380/415v	
Part Number	SPE 9ES - 1	SPE 9ES - 2	SPE 9ES - 3	
Power Output (Blast Motor)	3hp	3hp	5.5hp	
Voltage	110	220	380/415	
Cycles	50/60	50/60	50/60	
Cleaning Width (mm)	230	230	230	
Machine Dimensions (mm)				
	Width	340	340	340
	Height	840	840	840
	Length	800	800	800
	Weight (kg)	89	89	100
Vacuum Specifications See Vacuum section page				
Model	Suggested Vacuum Model			
SPE 9ES - 1	VAC 316 - 1			
SPE 9ES - 2	VAC 316 - 2			
SPE 9ES - 3	Can be one of the above or VAC 316-3			

Features:

- Blast unit constructed of manganese steel
- Handles fully adjustable in height
- Front drive and rear support wheels fully adjustable in height
- Forward and reverse travel as standard
- Fully machined blastwheel support bearing assembly (Eliminates bearing problems and automatically self aligns blastwheel components)
- Grill fitted into lower separator hopper unit assembly to eliminate foreign objects being allowed into the blastwheel and causing damage
- Optional magnetic/steel seal system available
- 415v optional high power blast motor available

Applications:

- Removal of old coatings
- Exposing aggregates
- Providing non-slip surfaces
- Laitance removal on new concrete floors
- Multi-storey car parks
- Shopping precincts
- Refurbishment of old concrete floors
- Cleaning and texturing granolithic floors
- Ships decks
- Steel plates
- Cold stores
- Bus depots
- Engineering workshops, factories and warehouses



Blastwheel

11302



Control Cage

11301



Hood Liner

11004



Side Liner Set

LH. 11006 R.H. 11005

Electrical Requirements						
Machine	Volts	Plug Size	Cable Size mm	Max Cable Length	Transformer	Generator
SPE 9ES - 1	110	32 Amp 3 Pin	4.0 - 3 Core	30 metres	5kva	12kva
VAC 316 - 1	110	32 Amp 3 Pin	4.0 - 3 Core	50 metres	5kva	
SPE 9ES - 2	220	16 Amp 3 Pin	2.5 - 3 Core	30 metres	-	12kva
VAC 316 - 2	220	16 Amp 3 Pin	2.5 - 3 Core	50 metres	-	
SPE 9ES - 3	380/415	16 Amp 5 Pin	2.5 - 4 Core	100 metres	-	20kva
VAC 316 - 1 or 2	As shown above					
VAC 316 - 3	380/415	32 Amp 5 Pin	6.0 - 4 Core	75 metres	-	



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The SPE 12E Super is a medium size Autoblaster 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 and leaves an ideal surface for coatings and overlays to be applied. Abrasive and debris is contained to prevent hazardous working and environmental pollution.

Features:

- Blast unit constructed of manganese steel
- Dust collector fitted with integral compressor and reverse air jet pulsation system to allow continuous working
- Cleaning width can be reduced for line removal and weld inspection
- Self propelled variable speed drive allows complete operator control
- Grill fitted into lower separator hopper unit assembly to eliminate foreign objects being allowed into the blastwheel causing damage
- Capable of using upto S550 abrasive
- Fully machined blastwheel support bearing assembly (eliminates bearing problems and automatically self aligns blastwheel components).
- Blastwheel can be rotated in both directions (Optional extra)
- Can be dismantled to pass through a 600mm access hole in storage tanks.

Applications:

- Removal of old coatings
- Exposing aggregates
- Providing non-slip surfaces
- Removing rubber deposits
- Laitance removal on new concrete floors
- Light texturing for thin coatings
- Steel preparation to SA3 standard
- Storage tanks roofs and floors
- Ships decks • Steel plates • Foot bridges

Specification 12ES Blast Machine	
Type	Electric 3 phase
Part No.	SPE 12ES
Power Output Std Motor (higher optional available)	10hp
Voltage	380/415
Cycles	50/60
Cleaning Width (mm)	305
Machine Dimensions (mm)	
Width	480
Height	1200
Length	1180
Weight (kg)	320
Specification 12ES Dust Collector	
Type	Electric 3 phase
Part No.	SPE 12 DC
Voltage	380/415
Cycles	50/60
Machine Dimensions (mm)	
Width	800
Height	1600
Length	1730
Weight (kg)	350

SPE 12E super



Blastwheel Blades

08001



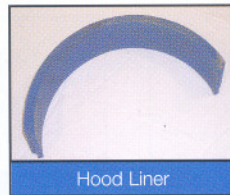
Control Cage

08002



Impellor

08003



Hood Liner

08010



Side Liner Set

RH 08008 LH 08009

Electrical Requirements						
Machine	Volts	Plug Size	Cable Size mm	Max Cable Length	Transformer	Generator
SPE 12ES	380/415	32 Amp 5 Pin	6.0 - 4 Core	100 metres	-	25kva
SPE 12DC	380/415	32 Amp 5 Pin	6.0 - 4 Core	100 metres	-	

SPE 16E Super

autoblast

The SPE 16E Super is a medium to large Autoblast machine for the professional contractor giving high production rates. Electrically powered. Mainly used for preparation of concrete floors but equally effective on steel surfaces.

The seal system feature as with all other machines can be varied to blast clean from 2" up to 16" wide for inspection of weld seams or line removal. Self propelled and infinitely variable in all operations. Can

be dismantled to pass through 600mm access holes in storage tanks. 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 and leaves an ideal surface for coatings and overlays to be applied. Abrasive and debris is contained to prevent hazardous working and environmental pollution.

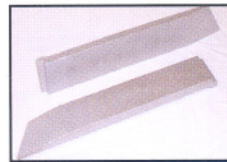
Specification 16ES Blast Machine	
Type	Electric 3 phase
Part No.	SPE 16ES
Power Output Std Motor (higher optional available)	15hp
Voltage	380/415
Cycles	50/60
Cleaning Width (mm)	406
Machine Dimensions (mm)	
Width	510
Height	1250
Length	1250
Weight (kg)	400
Specification 16ES Dust Collector	
Type	Electric 3 phase
Part No.	SPE 16 DC
Voltage	380/415
Cycles	50/60
Machine Dimensions (mm)	
Width	1030
Height	1600
Length	1730
Weight (kg)	400

Features:

- Blast unit constructed of manganese steel
- Dust collector fitted with integral compressor and reverse air jet pulsation system to allow continuous working
- Drive wheels are within the width of the blast cabinet
- Blasting width can be reduced for line removal and weld inspection
- Self propelled variable speed drive allows complete operator control
- Grill fitted into lower separator hopper unit assembly to eliminate foreign objects being allowed into the blastwheel causing damage
- Capable of using upto S550 abrasive
- Fully machined blastwheel support bearing assembly (eliminates bearing problems and automatically self aligns blastwheel components).
- Blastwheel can be rotated in both directions (Optional extra)
- Can be dismantled to pass through a 600mm access hole in storage tanks.

Applications:

- Removal of old coatings
- Cleaning concrete and tiles
- Exposing aggregates
- Providing non-slip surfaces
- Removing rubber deposits
- Steel preparation to SA3 standard
- Laitance removal on new concrete floors
- Multi-storey car parks
- Shopping precincts
- Food processing plants
- Storage tanks roofs and floors
- Ships decks
- Steel plates
- Ro-Ro bridges
- Ferrie
- Foot bridges



Side Liner Set

RH/16/08008 LH/16/08009



Blastwheel Blades

16/08001



Control Cage

08002



Impellor

08003



Hood Liner

16/08010

Electrical Requirements

Machine	Volts	Plug Size	Cable Size mm	Max Cable Length	Transformer	Generator
SPE 16ES	380/415	63 Amp 4 Pin	10.0 - 4 Core	100 metres	-	32kva
SPE 16DC	380/415	63 Amp 4 Pin	16.0 - 4 Core	100 metres	-	





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The SPE 20E Super is a large Autoblaster machine for the serious contractor, ideal for high productivity. Electrically powered. Mainly used for preparation of concrete floors but equally effective on steel surfaces.

This equipment can have electrical safety certification for petrochemical refinery use. Self propelled and infinitely variable in all operations. Can be dismantled to pass through 600mm access holes in storage tanks. The seal system feature as with all other machines can be varied to blast clean from 2" up to 20" wide for inspection of weld seams or line removal. 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. Abrasive and debris is contained to prevent hazardous working and environmental pollution.

Features:

- Blast unit constructed of manganese steel
- Dust collector fitted with integral compressor and reverse air jet pulsation system to allow continuous working
- Drive wheels are within the width of the blast cabinet
- Blasting width can be reduced for line removal and weld inspection
- Self propelled variable speed drive allows complete operator control
- Grill fitted into lower separator hopper unit assembly to eliminate foreign objects being allowed into the blastwheel causing damage
- Capable of using upto S780 abrasive
- Blastwheel can be rotated in both directions (Optional extra)
- Can be dismantled to pass through a 600mm access hole in storage tanks.

Applications:

- Removal of old coatings • Exposing aggregates • Providing non-slip surfaces
- Removing rubber deposits • Steel preparation to SA3 standard
- Laitance removal on new concrete floors • Multi-storey car parks • Shopping precincts
- Food processing plants • Storage tanks roofs and floors • Ships decks • Steel plates
- Offshore platforms, walkways and helidecks • Ro-Ro bridges • Ferries • Foot bridges

Specification 20ES Blast Machine		
Type	Electric 3 phase	Electric 3 phase
Part No.	SPE 20ES	SPE 20ES-1
Power Output Std Motor (higher optional available)	30hp	30hp
Voltage	380/415	380/415
Cycles	60	50
Cleaning Width (mm)	520	520
Machine Dimensions (mm)		
Width	597	597
Height	1448	1448
Length	1511	1750
Weight (kg)	662	852
Specification 20ES Dust Collector		
Type	Electric 3 phase	Electric 3 phase
Part No.	SPE 20 DC	SPE 20 DC-1
Voltage	380/415	380/415
Cycles	60	50
Machine Dimensions (mm)		
Width	1030	1030
Height	1600	1600
Length	1730	1730
Weight (kg)	400	450

SPE 20E super



Blastwheel Blades

02001



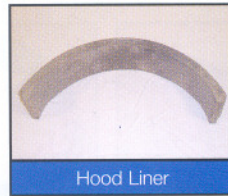
Control Cage

02002



Impellor

02003



Hood Liner

03002



Side Liner Set

RH 03000 LH 03001

Electrical Requirements

Machine	Volts	Plug Size	Cable Size mm	Max Cable Length	Transformer	Generator
SPE 20ES	380/415	63 Amp 4 Pin	16.0 - 4 Core	100 metres	-	45kva
SPE 20DC	380/415	63 Amp 4 Pin	16.0 - 4 Core	100 metres	-	