



Plant Hire

01245 403353



HTC





HTC 650 RX Radio Controlled Grinder

Weight	455 kg
Grinding Pressure	183-202-272 kg
Grinding Diameter	650 mm
Grinding Discs	4 x 230 mm
Voltage	3 x 400 v
Motor Output	11 kW
Revolution Speed	300 - 1400 rpm

[HTC 650 RX Datasheet - page 8 - 9](#)

HTC 420 VS Grinder

Weight	94 kg
Grinding Pressure	65 kg
Grinding Diameter	420 mm
Grinding Discs	3 x 180 mm
Voltage	1 x 100 v
Motor Output	2,2 kW
Revolution Speed	430 - 1140 rpm

[HTC 420 VS Datasheet - page 10 - 11](#)





HTC 270 EG Grinder

Weight	103 kg
Grinding Pressure	36 kg
Grinding Diameter	270 mm
Grinding Discs	1 x 270 mm
Voltage	3 x 400 v
Motor Output	2,2 kW
Revolution Speed	460 - 1220 rpm

[HTC 270 EG Datasheet - page 12](#)

HTC GREYLINE 450

Weight	95 kg
Grinding Pressure	59 kg
Grinding Diameter	450 mm
Grinding Discs	3 x 180 mm
Voltage	1 x 110 v
Motor Output	1,5 kW
Revolution Speed	470 rpm

[HTC GREYLINE 450 Datasheet - page 13](#)



HTC 80iD Dust Extractor

Weight	272 kg
Motor Output	7,5 kW
Voltage	3 x 400 v
Max. Theoretical Airflow	700 m³/h

[HTC 80iD Datasheet - page 14](#)



Other Floor Preparation



PPC 250 Electric Grinder

Weight	145 kg
Grinding Diameter	250 mm
Voltage	415 v
Motor Output	5,5 kW

[PPC 250 Datasheet - page 14](#)

SPE DFG250 Electric Grinder

Weight	160 kg
Grinding Diameter	250 mm
Voltage	415 v
Motor Output	5,5 kW

[SPE DFG250 Datasheet - page 15](#)





**Preptec S3-B Dust Control
Vacuum**

110v Motor

50L Capacity



PPC M450 Dust Extractor

110v Motor

50L Capacity



SPE 12ES Shot Blaster Electric 3 Phase

Blast Motor Output 10hp

Cleaning Width 305 mm

Weight 320 kg

[SPE 12ES Datasheet - page 16](#)

***Magnet Sweeper - see page 7**



Preptec S210 40R Shot Blaster 3 Phase

Power	4.0 kw
Blast Width	210 mm
Weight	114 kg

[Preptec S210 40R Datasheet - page 17](#)

Magnet Sweeper

Used for collection of stray steel abrasive following shot blasting. Size (L x W x H) 890 / 750 / 860 mm



SPE BEF320 3 Phase Concrete Scarifier

Working Width	320 mm
Cutter Head Speed	933 rpm
Working Width	320 mm
Weight	339 kg

[SPE BEF 320 Datasheet - page 18](#)



110v Scarifier

Single Phase



HTC

Radio controlled grinder

HTC 650 RX



The small radio controlled grinding machine that streamlines and simplifies grinding.

HTC has now created a smaller radio controlled grinding machine based on the same reliable technique as the hard worker HTC 950 RX. A machine loaded with features that take grinding to a new level. A better turning radius and more effective grinding time are a couple strong advantages with this machine which is suitable for both small and large surfaces.

- Radio control
- Raised handle gives a better turning radius
- easier in narrow spaces
- Patented well-known drive system with four grinding discs - perfectly balances the machine
- Mist Cooler System
- Ergonomically designed
- Integrated system of weights for adjusting grinding pressure
- The further developed grinding heads give lower maintenance costs and longer life
- Easily fit through regular doors
(total machine width = 71 cm)



Radio controlled grinder

HTC 650 RX

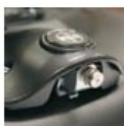


Unique and flexible radio control

The radio control makes the machine very simple and effective to operate. The radio control also minimizes operator injuries from stress and vibrations and the supervision and service surrounding the grinding becomes easier.

Mist Cooler System (incl. as standard)

A small detail that makes a huge difference! Our unique Mist Cooler System cools the tools which lead to increased stripping with up to 100% and a much more effective grinding.



New lock mechanism

The lock mechanism for the handle has now been updated to a more ergonomic design, manufactured in light-alloy metal.

Technical Data - HTC 650 RX

		HTC 650 RX
Item no.		112947
Motor	kW	11
Ampere	A	25
Voltage:	V	3 x 400 (EU)
Frequency	Hz	50
Weight	kg	455
Grinding diameter	mm	650
Grinding pressure	kg	183-202-272
Rpm		300-1400
Water tank	L	26
Grinding discs	mm	4 x 230
Diode lamps	V	24
Control current	V	24
Frequency	MHz	433,100 - 434,750
Radio control		
Rec. Vac System		HTC 10 IAD HTC 15 IAD



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HTC 420 VS

- HTC 420 VS - The multi functional machine



HTC 420 is the machine for those who need a small, durable machine with a large capacity.

Flooring contractors set high demands on effective, flexible machines and HTC 420 lives up to the expectations. The machine handles everything from floor preparation and grinding to fine polishing and does an excellent job. In addition, HTC 420 can remove tough coatings like adhesive, screed and paint.

- A light and handy all-round machine for concrete, natural stone, terrazzo and wood
- Frequency-controlled
- Ergonomically designed
- The machine can be used for coarse grinding, preparation, maintenance and polishing
- Collapsible for easier transport
- Adapted for the EZchange™ system

HTC 420 VS



- A light and handy all-round machine for concrete, natural stone, terrazzo and wood
- Variable speed
- Ergonomically designed
- The machine can be used for coarse grinding, preparation, maintenance and polishing
- Collapsible in two parts for easier transport
- Water tank

- 94 kg
- 65 kg
- 420 mm
- 180 mm (3 qty)
- 1 x 100 V / 16 A / 25 A
1 x 200 V / 16 A / 25 A
3 x 400 V / 16 A / 25 A
- 2,2 kW
- 430–1140 rpm

Model	Item no
1x200 V	112131
3x400 V	112210
1x100 V	112132

Read more about voltages at page 40.



Up to 81 m² per hour
1 step concrete grinding.

Up to 34 m² per hour
floor preparation.

81 m²

34 m²

81 m²

Approximately.
Per Hour. See p. 40



HTC 270 EG



- Maximum head height of only 100 mm to grind and polish under shelves
- Rotating floating shroud with fully adjustable wheels allows for grinding and polishing up to the wall or away
- Multi-axis adjustable grinding head for more controlled and ergonomic grinding of uneven or sloped edges
- Variable speed machine for complete control
- EZchange™ system - Use same tools as any HTC machine

	103 kg
	36 kg
	270 mm
	1x200 V / 16 A 3x400 V / 16 A 3x480 V / 16 A
	2,2 kW
	460–1220 rpm



Model	Item no.
1x200 V	601054
3x400 V	113418
3x480 V	113325

Read more about voltages at page 40.



HTC Greyline™ Series



HTC Greyline™ is an equipment line focused on three main applications:

Floor Preparation / Coatings Removal, Concrete Grinding & Leveling & Wood Refinishing.

The focus is to simplify the process, making it extremely easy to accomplish the end goal. It is also a good way to keep your premium Blackline machines on the big jobs while your HTC Greyline™ fleet tackles the smaller jobs that are normally sub-contracted out. Keep those customers & increase your profit margin by not sub-contracting out those simple flooring jobs.

FLOOR PREPARATION CONCRETE GRINDING WOOD REFINISHING



Name	HTC 450
Article Number	967932703
Length	1440 mm
Width	480 mm
Height	990 mm
Weight	109 mm
Motor output	1,5 kW
Power consumption	20 A
Voltage	1 x 110 V
Frequency	50 Hz
Grinding pressure	59 kg
Revolution speed	470 rpm
Grinding discs	3 x 180 mm
Grinding width	450 mm
Grinding motors	1
Recommended Dust Extraction Systems	HTC D20 HTC D30 HTC PS30



HTC GREYLINE™ 450 / 450 HD

 450 mm	 1,5 kW 2,2 kW (HD)
 95 kg	 1 x 110 V 1 x 230 V

Model	Item no.
HTC GL 450 1x230 V 50 Hz	113128
HTC GL 450 1x110 V 50 Hz	113127
HTC GL 450 1x110 V 60 Hz	113144
HTC GL 450 HD 1x230 V 50 Hz	113672



Technical data

HTC 80 iD II		
Art.no		113753 (EU)
Motor	kW	7,5
Ampere	A	16
Voltage	V	3 x 400
Frequency	Hz	50
Weight	kg	272
Max. theoretical airflow	m³/h	700
Max. actual airflow	m³/h	595
Max vacuum	mbar	380
Main filter area	m²	3,5
HEPA filter area	m²	20,8
HEPA classification		13
Dim. transport LxWxH	mm	1170 x 800 x 1730/1810
Dim. operating LxWxH	mm	1170 x 1240 x 1730/1810



Front view



Right side view



PPC 250 Electric Grinder

Single disc grinder, heavy-duty steel construction and easy to operate (single switch lever) with minimum maintenance. Efficient weight distribution for optimum performance. Additional weights provide greater impact on tough tasks. Diamonds are easily changed, minimising downtime. The ideal contractors' choice. Use with Dust Extraction.



  Weight:
145KG

  Motor:
5.5kw

  Dimensions:
• H 1200mm
• L 1200mm
• W 300mm



  Working Width:
250mm

  Power:
415v/3phase/32
amp

  Specification:
250-Electric-Grinder-
Specification-The-
Preparation-Group





A successful diamond grinder must give the operator complete control and at the same time have enough weight to act directly onto the grinding heads to facilitate accurate and rapid grinding.

The unique design of the DFG 250 has a ballast weight that can be removed, together with precise adjustment of the fulcrum for the rear wheels allows for perfect grinding in all types of situations. Environmental considerations are fully controlled with a uniquely designed dust extraction port and a facility for using water when grinding. Noise is kept to a minimum by use of high power 3 phase electric motors and drive belt systems. With low operational noise, little or no impact vibration, consistent diamond wear rates and ease of operation make the DFG 250 economical for floor preparation work.

DFG 250

The DFG 250 is available in 3 phase electric or petrol engine and is ideally suited for the grinding of most types of concrete floors. The machine has a dust extraction port for dust free operation when used in conjunction with the SPE vacuums. 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 handle bars are mounted on rubber vibration damped clamps. The machine also has a facility for the application of water at the head when wet grinding is required.

Twin Speed Option

The DFG 250 is also produced in a twin speed version giving operation speeds of 700 and 1400 r.p.m. The slower speed being designed and introduced for the grinding of terrazzo and marble applications when using the SPE polymer diamond system. Optional higher rpm head speeds are available upon request.



Features

- Simple foot pedal to raise or lower machine during use.
- Anti-vibration handle bar mounts
- 50mm dust extraction port
- Dust free when used with SPE 316 vacuum
- Adjustable rear axle allows for two weighted settings.
- Screw type hand wheel allows machine to be set accurately to the surface.

Applications

- Removal of dry crystallised (ATA) and wet adhesives
- Slurry grinding on water miscible products
- Provides superb preparation 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
- Grinding and finishing of resin based terrazzo



Specifications

Type	DFG 250 Electric
Part Number	DFG 250 - 1
Power output	5.5 kw
Voltage	380/415
Cycles	50hz
Head speed r.p.m.	1400
Engine/ motor speed r.p.m.	2800
Machine Dimensions (mm)	
Length	1120
Width	670
Height	1040
Weight (kg)	160
Ballast weight (kg)	1x20

Electrical Requirements

Machine	Volts	Plug Size	Cable Size mm	Max Cable Length	Transformer	Generator
DFG 250 - 1	380/415	16 Amp 5 Pin	2.5 - 4 Core	75 metres	-	10kva
DFG 250 - 4	380/415	16 Amp 5 Pin	2.5 - 4 Core	75 metres	-	

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
- 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
- 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



Blastwheel Blades

08001



Control cage

08002



Impellor

08003



Hood Liner

08010



Side Liner Set

RH 08008 LH 08009

Specification 12ES Blast Machine

Type	Electric 3 phase
Part Number	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

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

S210 40R Shotblaster



The S210 40R is a compact powerful shot blaster for small to medium areas. The blasting process is fully enclosed ensuring a dust free application. The surface is prepared by steel abrasive propelled onto the surface at high velocity. The abrasive removes contamination and textures the surface in one process, the abrasive is then air washed / recycled into the hopper and the debris is removed by the connected dust collection vacuum. The machine is fitted with a variable speed drive system to ensure ease of use and a constant finish of profile.

Applications

- Cleaning and texturing
- Provides key for application of follow on materials
- Removal of old coatings
- Creating non slip finish
- Can be fitted with reduction plate for line marking preparation

Model	S210 40R
Voltage	400v 3 phase
Power	4.0 kw
Cycles	50hz
Drive	Self propelled - 0-18mtr/min
Dimensions	W 30 x L 110 x h 100 cm
Weight	114 kg
Blast width	210mm
Output	Up to 80m2 p/hr on concrete

BEF 320-1A

Type

400 or 460v 3Ø

Power Output (hp/kw)

15 / 11.2

Cutter Head Speed (rpm)

933

Cutter Working Width (mm)

320

Working Distance From Wall (mm)

40

Length (mm/in)

1230 / 48.4

Width (mm/in)

590 / 23.2

Height (mm/in)

1220 / 48

Weight (kg/lb)

339 / 745.8





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