

STR 701 Multipurpose preparation system

The STR 701 is a rotary preparation machine. Simple, safe, comfortable to operate and highly effective. Low noise levels (64dB) along with the complete absence of fumes, vibration and dust make the STR 701 the ideal machine for refurb and renovation.

The maintenance free STR 701 offers total reliability and is the result of over 20 years constant development and improvement.

An exclusive range of cleaning and grinding heads have been developed to solve the many problems faced on site. This range includes tungsten carbide, diamond and silicon carbide attachments together with a comprehensive range of brushes. The STR 701 can be operated dust free when connected to the SPE 316 vacuum.



Specifications

	110v	220v	380/415v
Type	110v	220v	380/415v
Part Number	STR 701-1	STR 701-2	STR 701-3
Power Output	2hp	2hp	2hp
Voltage	110	220	380/415
Cycles	50hz	50hz	50hz
Head speed (rpm)	145	145	72/145
Machine Dimensions (mm)			
Length	580	580	580
Width	470	470	470
Height	1250	1250	1250
Weight (kg)	61	61	61
Working Width (mm)	460	460	460
Working distance from wall (mm)	10	10	10

Features





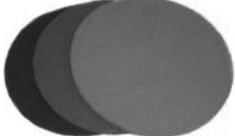
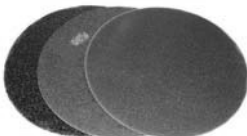

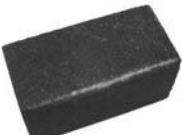


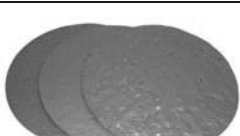
- Multi purpose
- Dust free
- Thermal overload protection
- Maintenance free
- Low noise
- Low vibration
- Safety start mechanism

Applications




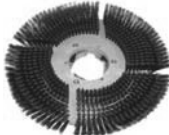



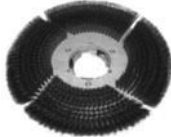


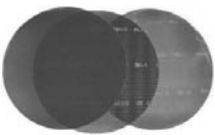

- Cleaning block paving
- Grinding down joints
- Remedial work to rain and frost damaged slabs
- Texturing concrete to remove laitance
- Removal of oil, bitumen and adhesive contaminants
- Clean and prepare surface prior to coating
- Brush finish green concrete to remove laitance
- Removal of plaster, cement and ice build-up
- Key existing coatings
- Removal of non-slip aggregates
- Clean and texture wood
- Clean and maintain all types of formwork

Machine	Volts	Plug Size	Cable Size	Max Cable Length	Transformer	Generator
STR 701-1	110	32 Amp 3 Pin	4.0 - 3 Core	30 metres	5kva	8 kva
STR 701-2	220	16 Amp 3 Pin	2.5 - 3 Core	30 metres	-	8 kva
STR 701-3	380/415	16 Amp 5 Pin	2.5 - 4 Core	75 metres	-	8 kva

STR701 Accessories

	Part No.	Description	Application
	S5026	Dust extraction skirt to fit around the STR 701 fitted with 38mm vacuum hose	For use in areas where dust control is a major concern. Virtually 100% efficient when used with the SPE 316 vacuum
	S5026A	Replacement rubber skirt	
	S5108	Moulded plastic 12ltr water tank to fit the STR 701. Fluid is controlled by a valve connected by heavy duty chain to the STR handle	For applying water and cleaning fluids. Can be used to control dust and improves the cleaning action on formwork
	S501200	24kg cast weight. Fits over the STR motor enclosure	Adds weight for faster cleaning, grinding, polishing and sanding action
	S5104	STR 701 standard drive plate fitted with drive bayonet and textured rubber mat	Standard drive plate for use with silicon carbide, tungsten carbide and cleaning pads
	S5104A	Replacement drive plate rubber	
	S5308 - Ultra Fine S5310 - Fine S5312 - Med S5314 - Coarse	Silicon Carbide impregnated nylon fibre cleaning and polishing pads 430mm diameter	Cleaning and polishing of hard concrete, natural stone and tiled floors. Can also be used as shock absorbing backing pad for tungsten and sanding discs
	S5215 - Fine S5224 - Med S5225 - Coarse	Heavy duty double sided resin bonded silicon carbide sanding discs	Sanding, grinding and keying of coatings, wooden floors and latex. Laitance removal from concrete floors
	S5215A - Fine S5224A - Med S5225A - Coarse	Standard double sided resin bonded silicon carbide sanding discs	
	P53530	Drive plate fitted with drive bayonet and adjustable clamps to suit grinding blocks and scarifying brushes	Grinding concrete floors when fitted with silicon carbide grinding blocks and general scarifying when fitted with scarifying brush blocks
	6416 - Fine 6417 - Med 6418 - Coarse	Resin bonded silicon carbide grinding blocks to fit the block drive plate PN P53530	General grinding of concrete, latex and screed
	6419 - 16 Gauge 6421 - Spring Steel	16 gauge round wire and spring steel scarifying brush block to fit the block drive plate PN P53530	General scarifying work. The removal of foam carpet backing, grease and oil without damage to substrate
	6436	Diamond block	Rapid grinding of concrete, keying of power floated concrete. Removal of trowel marks and coatings. Fits to P53530 Drive Plate
	C43036 - 36 grit C43024 - 24 grit C43016 - 16 grit C43007 - 7 grit	Double sided steel disc coated with tungsten carbide. Long life and excellent self cleaning properties	Grinding and texturing of concrete floors. Removal of rubber, ice dirt and ATA adhesive. Removal of laitance from concrete floors.

STR701 Accessories

	Part No.	Description	Application
	P53518 - Bloctec drive plate & carriers C53108 - Medium TCT Block C53107- Course TCT Block	Bloctec fitted with drive bayonet & block carriers. Available with either coarse or medium tungsten carbide blocks	Contour following grinding of concrete. The removal of rubberised deposits, ice, old coatings, laitance and failed latex.
	6336	50x50x100mm Diamond grinding block	Rapid grinding of concrete, keying of power floated concrete. Removal of trowel marks and coatings. Fast action as with all diamond tools.
	52500	Steel Float Pan	Smoothing and leveling of wet concrete prior to final finishing with a power trowel
	S5100	Nylon application / Scrubbing brush	Applying sealing compounds. Non industrial routine scrubbing and brush cleaning of wooden and hard floors
	S5216 - Med S5229 - Fine	Continuous resin bonded silicon carbide grinding stone	Fast grinding of concrete floors and the levelling of expansion joints
	C0761 - Med C0775 - Fine	Replacement grinding stones	
	S5110	Nylon & wire brush	Industrial floors, cleaning concrete shuttering and formwork. For polishing and cleaning
	S5103	3 disc drive plate	Grinding and texturing of concrete floors. Planetary action provides a smooth profiled finish.
	6314	7" Turbo cup disc, 24 x 10mm segment	
	S5115	Crimp wire brush	Cleaning and polishing of metal decking. The removal of light oil and dirt deposits.
	S5102	Heavy duty spring steel stripping brush	Removal of carpet backing, rubberised compounds, heavy oil and dirt build up
	S5100T	Cleaning/Scarifying brush with long life silicon carbide impregnated nylon bristles	The cleaning of block paving, concrete and non glazed hard floor tiles
	S5217 - Fine S5218 - Medium S5219 - Course	Sand screen disc	Cleaning and sanding wooden floors. Sanding sealers in between coats
	S5301 - Ultra Fine S5302 - Fine S5303 - Med S5304 - Coarse	Diamatec nylon fibre pad coated with super abrasive diamond crystals 430mm diameter	Cleaning and maintaining polished concrete, terrazzo and stone floors. Rapidly brings dull, scratched and soiled floors back to a gloss finish