

# BEF 275 Multiplane



Many years of experience in the design and operation of Surface Preparation Equipment has been integrated with the latest computer design technology to produce the BEF 275.

The BEF 275 offers the user a machine of compact proportions which will give outstanding performance rates in preparing and planing concrete floors. The infinitely variable depth control allows for precision planing and texturing whilst maintaining maximum cutter life. The unique design of the cutter drum which has six shafts and heavy duty cutters means that the BEF 275 can be used for both preparation and heavy duty planing work. In common with most other machines of this type the rotation of the BEF 275 drum allows for cutting on a 'downward action' where some of the cutting energy is used to propel the machine forward.



### Features

- 50mm dust extraction port.
- Dust free when operated with SPE 316 vacuum.
- Six flail shafts, heavy duty T.C.T. cutters.
- Large diameter wheels for excellent mobility and stability.
- Forward mounted cutter drum for perfect balance.
- Side plate access for quick and easy cutter drum removal.
- Handle height fully adjustable for operational control.
- Monocoque construction is rigid, strong and accurate.
- Accurate depth control for precision surface texture and maximum cutter life.

### Applications










- Cleaning and texturing of concrete and asphalt.
- Removal of paint, grease, line markings, adhesive and concrete laitance.
- Concrete reduction and scabbling.
- Grooving applications.
- Removal of waterproof membranes from bridge and car park decks.

Electrical Requirements						
Machine	Volts	Plug Size	Cable Size mm	Max Cable Length	Transformer	Generator
BEF 275	380/415	16 Amp 5 Pin	2.5 - 4 Core	75 metres	-	15 kva

### Specifications

Type	BEF 275	
	Petrol	Electric
Part Number	BEF 275-1	BEF 275-2
Power Output	11hp	10hp
Voltage	-	380/415
Cycles	-	50hz
Cutter Head Speed (rpm)	1640	1640
Machine Dimensions (mm)		
Length	1220	1220
Width	511	511
Height	900	900
Weight (kg)	145	150
Working width of cutters (mm)	275	275
Working distance from wall (mm)	65	65
Engine/motor speed (rpm)	3000	2800

**BEF 275 Accessories**

	Part No.	Description	Application
	<b>27501</b>	Heavy duty drum complete with 6 point TCT cutters and spacers	For all concrete texturing, scabbling, planing and grooving applications.
	<b>60601</b>	Set of 6 point TCT cutters and spacers	Removal of bridge deck and car park membranes, heavy industrial contamination, epoxy coatings and road markings, reducing concrete.
	<b>60600</b>	TCT cutter: 6 point hardened steel cutter with tungsten carbide insert	Use on heavy applications for longer cutter life and higher output
	<b>27502</b>	Heavy duty drum complete with beam cutters	For removal of paint, laitance and coatings from floors.
	<b>60121</b>	Set of beam cutters	De-rusting and de-scaling ship decks.
	<b>60120</b>	Beam Cutter: Heat treated steel cutter	Also used for removing build-up of grease, dirt and ice deposits.  Keying of concrete when a fine textured surface is required.
	<b>27504</b>	Heavy duty drum complete with milling cutters and spacers	For removal of thermoplastic road/runway markings.
	<b>60621</b>	Set of milling cutters and spacers	Very efficient and cost effective with none of the problems associated with burning off thermoplastics.
	<b>60620</b>	Milling Cutter: Tipped with tungsten carbide	Also for the removal of bituminous and rubber deposits.
	<b>27500</b>	Heavy duty drum complete with flail shafts	For use with various cutter configurations
	<b>27518</b>	Heavy duty flail shaft	Hardened cutter shaft
	<b>40240</b>	Spacing washer	Hardened spacing washer