

BEF 200 Multiplane



Many years experience in design and operation of surface preparation equipment have been integrated with the latest computer design resulting in the BEF 200 Multiplane Range.

The machine is strong and reliable with modern, clean lines which will appeal to the image conscious company. Close attention to detail has resulted in an efficient machine with optimum weight distribution which ensures a high work rate. Every component has been carefully designed and field tested for strength and reliability. The BEF 200 is safe and simple to operate with no exposed moving parts. Each machine is supplied with a comprehensive operating and maintenance manual which contains all the information needed to ensure that the BEF 200 always performs to its full potential.

Specifications

Type	Petrol	Diesel	Electric		Air
			1 phase	3 phase	
Part Number	BEF 200-4	BEF 200-7	BEF 200-1 (110v) -2 (220v)	BEF 200-3	BEF 200-5
Power Output	5.5hp	5.5hp	3hp	3hp	3.5hp
Air Input	-	-	-	-	80 c.f.m.
Voltage	-	-	110/220	380/415	-
Cycles	-	-	50hz	50hz	-
Cutter Head Speed (rpm)	1833	1833	1753	1753	1525
Machine Dimensions (mm)					
Length	940	940	940	940	940
Width	340	340	340	340	340
Height	905	905	905	905	905
Weight (kg)	49	60	54	54	45
Working width of cutters (mm)	200	200	200	200	200
Working distance from wall (mm)	45	45	45	45	45
With edger attachment (mm)	5-8	5-8	5-8	5-8	5-8
Engine/motor speed (rpm)	3000	3000	2870	2870	2500



Features

- 50mm dust extraction port.
- Dust free when operated with SPE 316 vacuum.
- Large diameter wheels for excellent mobility and stability.
- Monocoque construction is rigid, strong and accurate.
- Screw type raise and lower control.
- Firm engine mounting plate.
- Front wheels protected from debris.

Applications

- Cleaning and texturing concrete and asphalt.
- Removal of paint, rust, grease, ice deposits, line markings and concrete laitance.
- Concrete reduction and scabbling.
- Removal of roof chippings.
- Grooving applications.
- Cleaning concrete formwork and shuttering.
- Non-slip finishes.
- Removal of concrete and plaster droppings.

The BEF 60 Edger Attachment enables outer perimeter edges next to vertical walls or upstands to be prepared with the same cutter configurations as the BEF 200. A dust control vacuum can also be attached directly to the unit.



Electrical Requirements

Machine	Volts	Plug Size	Cable Size mm	Max Cable Length	Transformer	Generator
BEF 200-1	110	32 Amp 3 Pin	4.0 - 3 Core	30 metres	5kva	8 kva
BEF 200-2	220	16 Amp 3 Pin	2.5 - 3 Core	30 metres	-	8 kva
BEF 200-3	380/415	16 Amp 5 Pin	2.5 - 4 Core	100 metres	-	8 kva

BEF 200 Accessories

	Part No.	Description	Application
	20001	Heavy duty drum complete with 5 point TCT cutters and spacers	For all concrete texturing, scabbling, planing and grooving applications. Also for removal of road markings, roof chippings and brittle coatings. Use on heavy applications for longer cutter life and higher output.
	45501	Set of 5 point TCT cutters and spacers	
	45500	TCT cutter: 5 point hardened steel cutter with tungsten carbide insert	
	44600	TCT cutter: 6 point hardened steel cutter with tungsten carbide insert	
	20002	Heavy duty drum complete with beam cutters	For removal of paint, laitance and coatings from floors. De-rusting and de-scaling ship decks. Also used for removing build-up of grease, dirt and ice deposits. Keying of concrete when a fine textured surface is required.
	45121	Set of beam cutters	
	45120	Beam Cutter: Heat treated steel cutter	
	20003	Heavy duty drum complete with milling cutters and spacers	For removal of thermoplastic road/runway markings. Very efficient and cost effective with none of the problems associated with burning off thermoplastics. Also for the removal of bituminous and rubber deposits.
	45601	Set of milling cutters and spacers	
	45600	Milling Cutter: Tipped with tungsten carbide	
	20020	Wire brush crimped	Removal of light deposits, rust. Cleaning and polishing steel
	20021	Wire brush twist knot	Removal of laitance, grease, oil, rubber deposits, rust and flaky paint
	20000	Heavy duty drum complete with flail shafts	For use with various cutter configurations
	20010	Heavy duty flail shaft	Hardened cutter shaft
	24140	Spacing washer	Hardened spacing washer